

**KÄRCHER**

# FOOD INDUSTRY

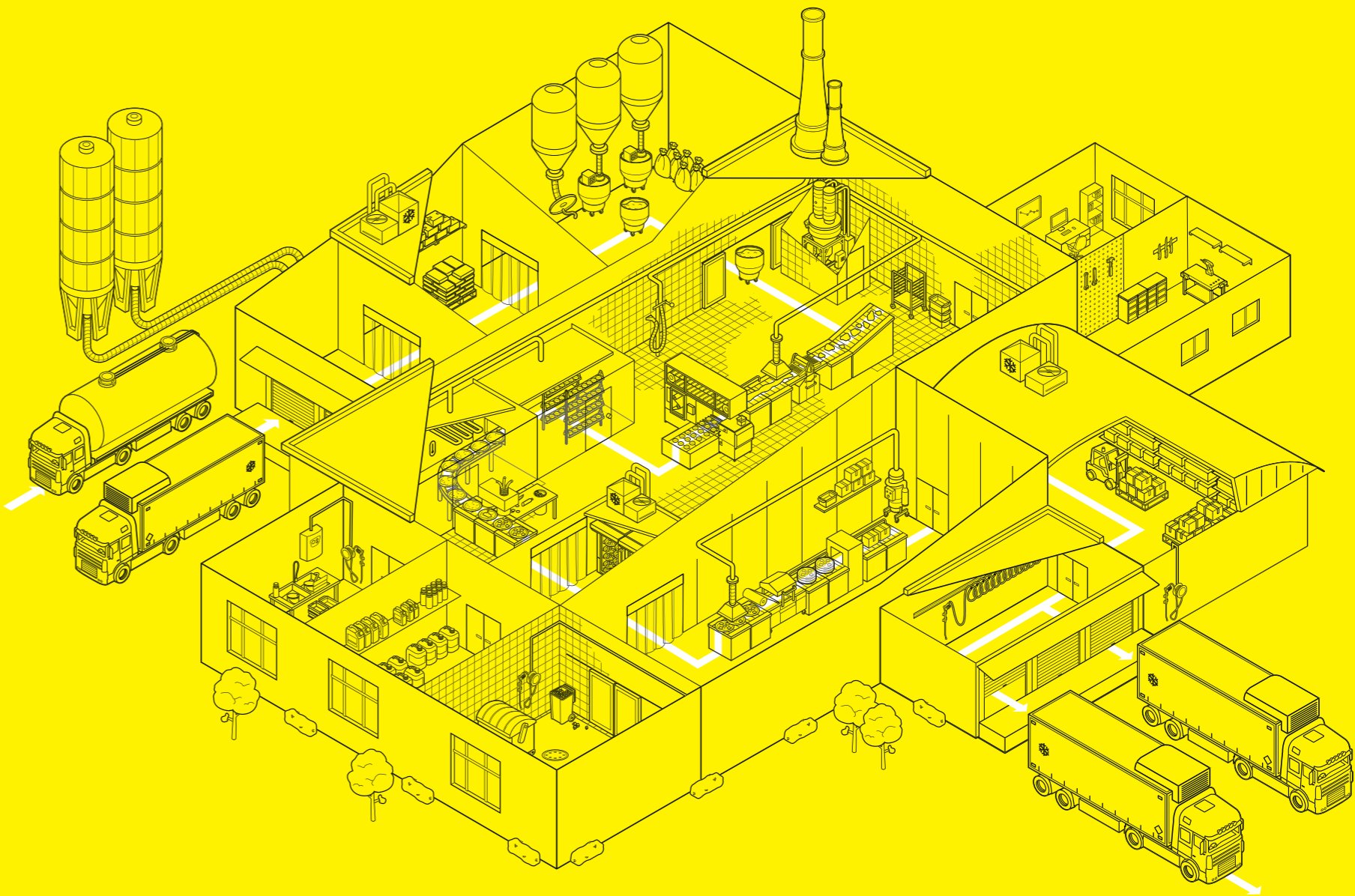
Our solutions for your company

PROFESSIONAL | INDUSTRY | FOOD INDUSTRY



# HYGIENE IS EVERYTHING

Hygiene and thus cleanliness are top priority when handling food. Moreover, numerous standards and regulations must be observed with respect to hygiene and cleanliness. Kärcher is your competent partner when it comes to cleaning in your production facilities and all associated areas. Ensure a dirt-free work environment and maintain the hygiene standards with professional machines.



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# BEVERAGE PRODUCTION AND BOTTLING OF BEVERAGES

The companies in the beverages industry must ensure that their products are perfect as regards taste and hygiene. This is a challenge both in beverage production and the bottling of beverages. Kärcher helps here with cleaning solutions.

## CLEANING RECOMMENDATION

- 1 Hygiene without chemicals**  
The high levels of humidity commonly present in beverage production areas are highly conducive to mould formation. Clean critical areas with our steam vacuum cleaners and steam cleaners to achieve effective disinfection and deactivation of viruses without any chemicals - certified by an independent laboratory.
- 2 Containers and piping**  
Clean tanks, containers and pipelines efficiently with our mobile or stationary high-pressure cleaners, which can have several extraction points designed to meet your special requirements. Pipes can be completely cleaned through the use of accessories such as the pipe cleaning hose and nozzle.
- 3 Production lines and environment**  
Wet and dry vacuum cleaners offer fast and effective cleaning of production machines, conveyor belts and the production environment. An alternative is a stationary HDC machine, which removes the dirt using a special floor cleaner attachment.
- 4 Cleaning conveyor belts**  
The Ice Blaster cleans residual waste from product labelling in areas that are difficult to access. Individual extraction systems (stationary and mobile solutions) remove cullet and liquids.
- 5 Truck interior cleaning**  
You can easily reach every corner in loading areas with our compact scrubber dryer. For stubborn dirt you can use our hot and cold water high-pressure cleaners with optimal accessories, such as surface cleaners or steam jet nozzles.

### FLEXIBLE AND FAST

Ready for use at the touch of a button: with our stationary high-pressure cleaners you are ready to clean without the need for set-up times and without having to transport mobile devices. These devices can be operated flexibly for many hours by multiple users, thus lowering operating costs and increasing efficiency.

# REFRESHING CLEAN- LINESS

In order to manufacture drinks with excellent quality and the finest flavour, the cleaning must be optimally adapted to the manufacturing process.



## HDS 9/18-4 MX

### High pressure washer

- Economical ecoefficiency mode
- 2 cleaning agent tanks
- Three-phase motor: water-cooled

| Technical data  |                    | Technical data  |                    |
|---|--------------------|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       | Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)   | 450 - 900          | Flow rate (l/h)                                       | 600 - 1200         |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  | Working pressure (bar / MPa)                          | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 | Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                    | 6.4                | Connection load (kW)                                  | 7.5                |
| Consumption of heating oil or gas at full load (kg/h)   | 5.8                | Consumption of heating oil or gas at full load (kg/h) | 7.1                |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4.6                | Number of simultaneous users                          | 1                  |

| Equipment  |  | Equipment  |  |
|--|--|--|--|
| Cleaning agent function 20 + 10 l tank ■ Spray gun EASY!Force Advanced ■ High-pressure hose, 20 m, Longlife ■ Spray lance 1050 mm ■ Power nozzle ■ Integrated HD hose reel ■ ANTI!Twist ■ Tanks for cleaning agents, calcification protection and fuel that can be filled from the outside |  | Soft Damping System (SDS) ■ System pressure relief ■ Flame monitoring ■ Prepared for servo control ■ Prepared for remote control ■ Cleaning agent function Suction |  |

| Order no. 1.077-918.0                       |  | Order no. 1.699-921.0                       |  |
|---|--|---|--|
| Price                                       |  | Price                                       |  |
| Users must receive training on this device. |  | Users must receive training on this device. |  |

| Recommended accessories       |  |
|-------------------------------|--|
| EASY!Force Advanced           |  |
| Order no. 4.118-005.0 / Price |  |
| Surface Cleaner FR 50 Me      |  |
| Order no. 2.111-023.0 / Price |  |



HDC Classic

Stationary high pressure unit

- For 1–3 users at the same time
- Extremely robust and long-lasting for hard work
- Maximum flexibility for different applications

| Technical data              |                        |
|-----------------------------|------------------------|
| Pressure (bar /MPa)         | 80 / 160 / 8 / 16 / 16 |
| Flow rate (l/h)             | 700 / 2000             |
| Inlet temperature (°C)      | max. 85                |
| Motor starting              | Soft start             |
| Supply voltage (Ph/V / Hz)  | 3 / 400 / 50           |
| Dimensions (L × W × H) (mm) | 860 × 595 × 580        |

Equipment

| Order no. 1.509-501.2 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories       |
|-------------------------------|
| FRV 30 Me Surface Cleaner     |
| Order no. 2.111-012.0 / Price |



HD 10/15-4 Cage Food

High pressure washer

- Grease-resistant high-pressure hose
- 2 cleaning agent tanks with rinse function
- High-pressure hose in food-industry quality, grey non-marking wheels

| Technical data                 |                     |
|--------------------------------|---------------------|
| Supply voltage (Ph/V / Hz)     | 3 / 400 / 50        |
| Flow rate (l/h)                | 440 – 990           |
| Inlet temperature (°C)         | max. 85             |
| Working pressure (bar /MPa)    | 20 – 145 / 2 – 14.5 |
| Max. pressure (bar /MPa)       | 175 / 17.5          |
| Connection load (kW)           | 6.4                 |
| Weight (with accessories) (kg) | 78.4                |

| Equipment  |
|--|
| Spray gun EASY!Force Food ▪ High-pressure hose, 10 m, Food design, DN 8, 400 bar ▪ Stainless steel spray lance 1050 mm ▪ Power nozzle ▪ Cleaning agent function 5 l ▪ Pressure switch-off ▪ Closed tubular frame construction with integrated handle for crane loading ▪ Servo control |

| Order no. 1.353-908.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories                    |
|--|
| EASY!Force conversion kit 2 – from machine |
| Order no. 4.111-051.0 / Price              |



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier

| Technical data                |         |
|-------------------------------|---------|
| Working width of brushes (mm) | 510     |
| Working width, vacuuming (mm) | 850     |
| Max. area performance (m²/h)  | 2550    |
| Tank of fresh/dirty water (l) | 55 / 55 |
| Brush contact pressure (kg)   | 27      |
| Brush rotational speed (rpm)  | 180     |
| Traction motor (W)            | 130     |

| Equipment  |
|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ 2-tank system ▪ robust aluminium die-cast suction bar ▪ Motor Battery ▪ Type of suction lips Linatex® ▪ Kärcher colour and operating concept |

| Order no. 1.127-063.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar

| Technical data                    |           |
|-----------------------------------|-----------|
| Working width of brushes (mm)     | 350       |
| Working width, vacuuming (mm)     | 450       |
| Rated input power (W)             | 500       |
| Battery (V / Ah)                  | 25.2 / 21 |
| Battery runtime (h)               | max. 1.5  |
| Max. area performance (m²/h)      | 1400      |
| Practical area performance (m²/h) | 1050      |

| Equipment  |
|--|
| Roller brush ▪ 2-tank system ▪ Battery and built-in charger included ▪ Variable contact pressure ▪ Transport wheels ▪ Squeegee, straight |

| Order no. 1.783-467.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.



**B 150 R Bp Pack + DOSE + SB + 240 Ah Wet + Rins + R85**  
Scrubber drier

- Compact and agile
- EASY Operation selector switch



**B 110 R Bp Pack 170Ah+Dose+R75**  
Scrubber drier

| Technical data                      |            |
|-------------------------------------|------------|
| Working width of brushes (mm)       | 850        |
| Working width, vacuuming (mm)       | 1180       |
| Tank of fresh/dirty water (l)       | 150/150    |
| Theoretical area performance (m²/h) | 5100       |
| Practical area performance (m²/h)   | 3600       |
| Brush rotational speed (rpm)        | 180 – 1300 |
| Battery (V /Ah)                     | 36/240     |

| Equipment  |
|--|
| Roller brush ■ Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Built-in charger ■ Battery and charger included ■ Automatic water stop ■ Tin |

| Order no. 1.246-033.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Technical data                      |         |
|-------------------------------------|---------|
| Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 1200    |
| Brush contact pressure (g/cm²)      | 500     |

| Equipment  |
|--|
| Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper |

| Order no. 1.161-419.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



**NT 75/2 Ap Me Tc**  
Wet and dry vacuum cleaner

- Semi-automatic filter cleaning
- Tilting chassis
- Flat pleated filter (dust class M)

| Technical data           |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)           | 2 × 74              |
| Vacuum (mbar/kPa)        | 254/25.4            |
| Container content (l)    | 75                  |
| Container material       | Stainless steel     |
| Rated input power (W)    | max. 2760           |
| Standard nominal width   | ID 40               |

| Equipment   |
|---|
| Suction hose, 4 m, with bend ■ Suction tube, 2 piece(s), 0.5 m, Metal ■ Filter bag, 1 piece(s), Paper ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Drain hose (oil-resistant) ■ Automatic cut-out features at max. filling quality ■ Flat pleated filter Paper |

| Order no. 1.667-292.0 |
|-----------------------|
| Price                 |

| Recommended accessories                                   |
|---|
| Telescopic lance TL 10 H<br>Order no. 4.762-611.0 / Price |



**NT 50/1 Tact Te L**  
Wet and dry vacuum cleaner

- Adjustable push handle
- Drain hose
- Antistatic preparation

| Technical data           |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)           | 74                  |
| Vacuum (mbar/kPa)        | 273/27.3            |
| Container content (l)    | 50                  |
| Container material       | Plastic             |
| Rated input power (W)    | max. 1380           |
| Standard nominal width   | ID 35               |

| Equipment  |
|--|
| Suction hose, 4 m, with bend ■ Suction tube, 2 piece(s), 0.55 m, 35 mm, Stainless steel ■ Filter bag, 1 piece(s), Fleece ■ PE plastic bag for dust-free disposal 1 piece(s) ■ Dust class L ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Power tool connection adapter |

| Order no. 1.148-411.0 |
|-----------------------|
| Price                 |

| Recommended accessories   |
|---|
| Coarse dirt filter for wet and dry vacuum cleaners<br>Order no. 6.904-287.0 / Price |



IVR-L 40/12-1

Industrial vacuum

- Compact construction style that takes up very little floor space
- Visual filling level indicator

| Technical data              |                     |
|-----------------------------|---------------------|
| Supply voltage (Ph/V/Hz)    | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)         | 59/212.4            |
| Rated input power (kW)      | 1.2                 |
| Vacuuming type              | Electric            |
| Vacuum (mbar/kPa)           | 230/23              |
| Connection nominal diameter | ID 50               |
| Accessory nominal diameter  | ID 40               |

| Equipment  |
|--|
| Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Order no. 9.986-054.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories              |
|--------------------------------------|
| Fine fleece PE 20 l                  |
| <b>Order no. 9.989-612.0 / Price</b> |



IVR-L 100/24-2 Me

Industrial vacuum

- Compact construction style that takes up very little floor space
- Stainless steel container

| Technical data              |                     |
|-----------------------------|---------------------|
| Supply voltage (Ph/V/Hz)    | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)         | 148/532             |
| Rated input power (kW)      | 2.4                 |
| Vacuuming type              | Electric            |
| Vacuum (mbar/kPa)           | 230/23              |
| Connection nominal diameter | ID 50               |
| Accessory nominal diameter  | ID 50/ID 40         |

| Equipment  |
|--|
| Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Order no. 9.987-884.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories              |
|--------------------------------------|
| Fine fleece PE 40 l                  |
| <b>Order no. 9.981-048.0 / Price</b> |
| Emptying aid crane                   |
| <b>Order no. 9.980-832.0 / Price</b> |



SGV 8/5

Steam vacuum cleaners

- EASY Operation selector switch
- Self-cleaning function
- Chemical function

| Technical data          |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 – 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 8    |
| Boiler temperature (°C) | max. 175  |
| Voltage (V)             | 220 – 240 |
| Frequency (Hz)          | 50 – 50   |

| Equipment  |
|--|
| Steam suction hose with handle ▪ Steam tubes 2 × ▪ Floor nozzle ▪ Hand nozzle ▪ Container material Plastic ▪ Housing Stainless steel |

| Order no. 1.092-010.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories              |
|--------------------------------------|
| Round brush set                      |
| <b>Order no. 2.863-011.0 / Price</b> |
| Brush strips, 300 mm                 |
| <b>Order no. 2.889-006.0 / Price</b> |





# BREWERIES

Smooth and safe brewing processes thanks to professional and efficient cleaning. Large quantities, high humidity, narrow routes, massive storage areas and kilometre-long pipelines need a system. This is where Kärcher comes into play with individually designed complete solutions.

## CLEANING RECOMMENDATION

- 1 Grinding of malt**  
During grinding, dust and grain residues arise which affect the work process and are hazardous for the employees. Therefore, the accumulated dust should be removed using special industrial vacuums with approval for ATEX Zone 22 or stationary vacuum cleaners, which are explosion-proof.
- 2 Brewing process**  
During the brewing process, residues settle at the bottoms of the different vessels such as the mash tun, wort kettle and lauter tun. Complete removal is required in accordance with HACCP. Tank interior cleaning can also be easily carried out using our food-grade high-pressure cleaners.
- 3 Filling**  
During filling, dust and product residues settle on the floor, conveyor belts and labelling machine. Therefore, our mobile or stationary high-pressure cleaners HD/HDS, scrubber dryers or also our industrial vacuum cleaner IVS with special nozzle for labelling machines can be used here.
- 4 Floor cleaning**  
To protect your stock and avoid work accidents: with the sweepers and scrubber dryers you can remove residues from spilled drinks, packaging, as well as dust in production, the warehouse and goods deliveries.
- 5 Incoming goods**  
In the incoming goods area, raw materials are delivered and transferred for further processing and components are stored. A clean environment prevents dirt reaching the production area – Kärcher sweepers and vacuum cleaners can lend a helping hand here.

## CONTINUOUS MAINTENANCE

Proper maintenance and repair are essential for high-quality and smooth processes. A clean work area is equally important in order to guarantee the essential hygiene standards and occupational safety on site.

# YOU BREW THE BEST BEER

There are around 15,000 different types of beer. Quality starts here in the manufacturing process and ends with the bottling and storage of the beer. Hygiene plays a crucial role: with the Kärcher system, you can clean the brewery in a professional and efficient manner.



## HDC Advanced

### Stationary high pressure unit

- For 1-12 users at the same time
- Partial quantity regulation by frequency converter
- Stationary supply unit

#### Technical data

|                             |                   |
|-----------------------------|-------------------|
| Pressure (bar / MPa)        | 100 / 10          |
| Flow rate (l/h)             | 700 / 12000       |
| Inlet temperature (°C)      | max. 85           |
| Motor starting              | Soft start        |
| Supply voltage (Ph/V/Hz)    | 3 / 400 / 50      |
| Dimensions (L × W × H) (mm) | 1150 × 750 × 1840 |

#### Equipment

Order no. 1.509-502.2

#### Price

Users must receive training on this device.



## IB 7/40 Adv

### Dry ice blaster

- Operation by the trigger gun
- Oil and water separator
- For in-house compressed air networks

#### Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar / MPa)     | 2 - 10 / 0.2 - 1         |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 0.5 - 3.5                |
| Sound pressure level (dB(A)) | 99                       |

#### Equipment

Grease for nozzle threads ▪ Flat jet nozzle ▪ Open-end wrench (for changing nozzles) 2 piece(s) ▪ Spray hose with electrical control cable and quick coupling ▪ Jet gun (ergonomic and safe) ▪ Ice quantity set directly on the jet gun ▪ Air pressure set directly on the jet gun ▪ "Air only" or "Air and ice" switch on the trigger gun

Order no. 1.574-002.0

#### Price

Users must receive training on this device.

#### Recommended accessories

Spray hose, 1/2"  
**Order no. 4.013-042.0 / Price**  
Jet gun, XS, Adv  
**Order no. 4.775-785.0 / Price**



HDS 9/14-4 St

High pressure washer

- Integrated system pressure relief
- Soft Damping System (SDS)
- Dry-running protection



HDS 12/18-4 SX

High pressure washer

- 2 cleaning agent tanks
- Economical ecoefficiency mode



HDS 8/18-4 CX

High pressure washer

- Economical ecoefficiency mode
- Intuitive single-button selector switch
- Four-pole water-cooled electric motor



HD 10/15-4 Cage Food

High pressure washer

- Grease-resistant high-pressure hose
- 2 cleaning agent tanks with rinse function
- High-pressure hose in food-industry quality, grey non-marking wheels

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)                                       | 500 - 930          |
| Working pressure (bar / MPa)                          | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                  | 6.4                |
| Consumption of heating oil or gas at full load (kg/h) | 5.8                |
| Number of simultaneous users                          | 1                  |

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 600 - 1200         |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Consumption of heating oil or gas at full load (kg/h)   | 7.7                |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 6.2                |
| Connection load (kW)                                    | 8.4                |

Equipment

Soft Damping System (SDS) ■ System pressure relief ■ Flame monitoring  
■ Prepared for servo control ■ Prepared for remote control ■ Cleaning agent function Suction

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 20 m, Longlife ■ Spray lance 1050 mm ■ Power nozzle ■ Integrated HD hose reel ■ Pressure switch-off ■ Option for the 2 spray lance operation ■ Pole reverse plug (3~)

Order no. 1.698-917.0

Price

Users must receive training on this device.

Recommended accessories

Easy Press trigger gun, M 22x1.5, grey

Order no. 4.775-784.0 / Price

Hard Surface Cleaner FR 30 Me

Order no. 2.111-013.0 / Price

Order no. 1.071-925.0

Price

Users must receive training on this device.

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 300 - 800          |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Connection load (kW)                                    | 6                  |
| Consumption of heating oil or gas at full load (kg/h)   | 5                  |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4                  |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 15 m, DN 6, 250 bar ■ Spray lance 1050 mm ■ Power nozzle ■ Soft Damping System (SDS) ■ Integrated HD hose reel ■ Pressure switch-off ■ Integrated fuel and cleaning agent tank

Order no. 1.174-906.0

Price

Users must receive training on this device.

Recommended accessories

Add-on kit mud sucker

Order no. 2.641-798.0 / Price

Push-on wash brush

Order no. 4.113-001.0 / Price

Technical data

|                                |                     |
|--------------------------------|---------------------|
| Supply voltage (Ph/V/Hz)       | 3 / 400 / 50        |
| Flow rate (l/h)                | 440 - 990           |
| Inlet temperature (°C)         | max. 85             |
| Working pressure (bar / MPa)   | 20 - 145 / 2 - 14.5 |
| Max. pressure (bar / MPa)      | 175 / 17.5          |
| Connection load (kW)           | 6.4                 |
| Weight (with accessories) (kg) | 78.4                |

Equipment

Spray gun EASY!Force Food ■ High-pressure hose, 10 m, Food design, DN 8, 400 bar ■ Stainless steel spray lance 1050 mm ■ Power nozzle ■ Cleaning agent function 5 l ■ Pressure switch-off ■ Closed tubular frame construction with integrated handle for crane loading ■ Servo control

Order no. 1.353-908.0

Price

Users must receive training on this device.

Recommended accessories

FRV 30 Surface Cleaner

Order no. 2.111-010.0 / Price

Hose fastening attachment kit

Order no. 2.642-528.0 / Price



BD 80/100 W Classic Bp Pack 285Ah

Scrubber drier

- Extremely robust and durable components for tough applications
- Very simple, intuitive operating concept
- Powerful battery and off-board battery charger included in the scope of supply

| Technical data                    |                     |
|-----------------------------------|---------------------|
| Working width of brushes (mm)     | 810                 |
| Working width, vacuuming (mm)     | 1090                |
| Max. area performance (m²/h)      | 4050                |
| Practical area performance (m²)   | 1944                |
| Tank of fresh/dirty water (l)     | 100/100             |
| Brush contact pressure (g/cm²/kg) | 21.3 - 36.2/40 - 68 |
| Brush rotational speed (rpm)      | 180                 |

| Equipment  |
|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ squeegee, angled ▪ 2-tank system ▪ Motor Battery |

| Order no. 1.127-018.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier

| Technical data                |       |
|-------------------------------|-------|
| Working width of brushes (mm) | 510   |
| Working width, vacuuming (mm) | 850   |
| Max. area performance (m²/h)  | 2550  |
| Tank of fresh/dirty water (l) | 55/55 |
| Brush contact pressure (kg)   | 27    |
| Brush rotational speed (rpm)  | 180   |
| Traction motor (W)            | 130   |

| Equipment  |
|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ 2-tank system ▪ robust aluminium die-cast suction bar ▪ Motor Battery ▪ Type of suction lips Linatex® ▪ Kärcher colour and operating concept |

| Order no. 1.127-063.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar

| Technical data                    |          |
|-----------------------------------|----------|
| Working width of brushes (mm)     | 350      |
| Working width, vacuuming (mm)     | 450      |
| Rated input power (W)             | 500      |
| Battery (V/Ah)                    | 25.2/21  |
| Battery runtime (h)               | max. 1.5 |
| Max. area performance (m²/h)      | 1400     |
| Practical area performance (m²/h) | 1050     |

| Equipment  |
|--|
| Roller brush ▪ 2-tank system ▪ Battery and built-in charger included ▪ Variable contact pressure ▪ Transport wheels ▪ Squeegee, straight |

| Order no. 1.783-467.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



B 250 R +R100+Dose+630Ah+SB

Scrubber drier

- Heavy-duty equipment
- High area performance
- Roller technology with integrated sweeping mechanism

| Technical data                    |            |
|-----------------------------------|------------|
| Working width of brushes (mm)     | 1000       |
| Tank of fresh/dirty water (l)     | 250/250    |
| Theoretical area performance (m²) | 8000       |
| Practical area performance (m²)   | 6000       |
| Brush rotational speed (rpm)      | 600 - 1200 |
| Brush contact pressure (g/cm²)    | 260 - 150  |
| Battery (V/Ah)                    | 36/630     |

| Equipment   |
|---|
| Roller brush ▪ Powerful traction drive ▪ Battery ▪ Battery and charger included ▪ Automatic water stop ▪ Tin ▪ Integrated sweeper ▪ Adjustable steering wheel |

| Order no. 0.300-293.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Recommended accessories                                      |
|--|
| Squeegee, 1200 mm, V-shaped<br>Order no. 4.777-085.0 / Price |



**B 150 R Bp Pack + DOSE + SB + 240 Ah Wet + Rins + R85**  
Scrubber drier

- Compact and agile
- EASY Operation selector switch



**B 110 R Bp Pack 170Ah+Dose+R75**  
Scrubber drier



**KM 70/20 C 2SB**  
Sweeper

- Roller brush driven by both wheels
- Push handle adjustable in 3 positions
- Roller brush and side brushes continuously adjustable



**NT 75/2 Ap Me Tc**  
Wet and dry vacuum cleaner

- Semi-automatic filter cleaning
- Tilting chassis
- Flat pleated filter (dust class M)

| Technical data                      |            | Technical data                      |         |
|-------------------------------------|------------|-------------------------------------|---------|
| Working width of brushes (mm)       | 850        | Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 1180       | Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 150/150    | Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 5100       | Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3600       | Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 180 – 1300 | Brush rotational speed (rpm)        | 1200    |
| Battery (V / Ah)                    | 36 / 240   | Brush contact pressure (g/cm²)      | 500     |

| Equipment  |  | Equipment  |  |
|--|--|--|--|
| Roller brush ■ Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Built-in charger ■ Battery and charger included ■ Automatic water stop ■ Tin |  | Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper |  |

| Order no. 1.246-033.0                       | Order no. 1.161-419.0 |
|---|-----------------------|
| Price                                       | Price                 |
| Users must receive training on this device. |                       |

| Technical data                           |         | Technical data           |                         |
|--|---------|--------------------------|-------------------------|
| Drive type                               | manual  | Supply voltage (Ph/V/Hz) | 1 / 220 – 240 / 50 – 60 |
| Max. area performance (m²/h)             | 3680    | Air flow (l/s)           | 2 × 74                  |
| Working width (mm)                       | 480     | Vacuum (mbar / kPa)      | 254 / 25.4              |
| Working width with 1 side brush (mm)     | 700     | Container content (l)    | 75                      |
| Working width with two side brushes (mm) | 920     | Container material       | Stainless steel         |
| Tank volume, gross/net (l)               | 42 / 20 | Rated input power (W)    | max. 2760               |
| Weight (with accessories) (kg)           | 23      | Standard nominal width   | ID 40                   |

| Equipment   |  | Equipment   |  |
|---|--|---|--|
| Fine dust filter ■ Sweeper drive, manual ■ Main sweeper roller adjustable ■ Foldable push handle ■ Dustpan principle ■ Outdoor use ■ Indoor use |  | Suction hose, 4 m, with bend ■ Suction tube, 2 piece(s), 0.5 m, Metal ■ Filter bag, 1 piece(s), Paper ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Drain hose (oil-resistant) ■ Automatic cut-out features at max. filling quality ■ Flat pleated filter Paper |  |

| Order no. 1.517-107.0 | Order no. 1.667-292.0 |
|-----------------------|-----------------------|
| Price                 | Price                 |

| Recommended accessories                                   |
|---|
| Telescopic lance TL 10 H<br>Order no. 4.762-611.0 / Price |



NT 75/1 Me Ec H Z22

Wet and dry vacuum cleaner

- Brushless EC motor (5000 hrs)
- Anti-static system
- Suitable for asbestos



NT 50/1 Tact Te L

Wet and dry vacuum cleaner

- Adjustable push handle
- Drain hose
- Antistatic preparation

| Technical data               |                   |
|------------------------------|-------------------|
| Supply voltage (V / Hz)      | 220 – 240/50 – 60 |
| Air flow (l/s)               | 61                |
| Vacuum (mbar / kPa)          | 220/22            |
| Container content (l)        | 75                |
| Rated input power (W)        | max. 1000         |
| Standard nominal width       | ID 40             |
| Sound pressure level (dB(A)) | 76                |

| Equipment  |  |
|--|--|
| Safety filter bag 1 piece(s) ▪ Suction hose, 4 m, with bend (electrically conductive) ▪ Suction tube, 1 piece(s), 1 m, Metal ▪ Filter bag, Fleece ▪ Wet/dry floor nozzle, 360 mm ▪ Crevice nozzle ▪ Anti-static system ▪ Stainless steel container |  |

| Order no. 1.667-239.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Technical data             |                     |
|----------------------------|---------------------|
| Supply voltage (Ph/V / Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)             | 74                  |
| Vacuum (mbar / kPa)        | 273/27.3            |
| Container content (l)      | 50                  |
| Container material         | Plastic             |
| Rated input power (W)      | max. 1380           |
| Standard nominal width     | ID 35               |

| Equipment  |  |
|--|--|
| Suction hose, 4 m, with bend ▪ Suction tube, 2 piece(s), 0.55 m, 35 mm, Stainless steel ▪ Filter bag, 1 piece(s), Fleece ▪ PE plastic bag for dust-free disposal 1 piece(s) ▪ Dust class L ▪ Wet/dry floor nozzle, 360 mm ▪ Crevice nozzle ▪ Power tool connection adapter |  |

| Order no. 1.148-411.0 |
|-----------------------|
| Price                 |

Recommended accessories

Coarse dirt filter for wet and dry vacuum cleaners  
**Order no. 6.904-287.0 / Price**



IVR-L 100/24-2 Me

Industrial vacuum

- Compact construction style that takes up very little floor space
- Stainless steel container

| Technical data              |                     |
|-----------------------------|---------------------|
| Supply voltage (Ph/V / Hz)  | 1/220 – 240/50 – 60 |
| Air flow (l/s / m³/h)       | 148/532             |
| Rated input power (kW)      | 2.4                 |
| Vacuuming type              | Electric            |
| Vacuum (mbar / kPa)         | 230/23              |
| Connection nominal diameter | ID 50               |
| Accessory nominal diameter  | ID 50/ID 40         |

| Equipment  |  |
|--|--|
| Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |  |

| Order no. 9.987-884.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

Recommended accessories

Surface filter PE L 0.45 m²  
**Order no. 9.988-256.0 / Price**  
  
Filter basket, stainless steel, Ø 495 mm, 40 l  
**Order no. 9.980-849.0 / Price**



IVS 100/75 M

Industrial vacuum

- Certified for dust class M
- Extra-large filter area
- Pole reverse plug

| Technical data             |          |
|----------------------------|----------|
| Supply voltage (Ph/V / Hz) | 3/400/50 |
| Air flow (l/s / m³/h)      | 148/536  |
| Vacuum (mbar / kPa)        | 305/30.5 |
| Container content (l)      | 100      |
| Rated input power (kW)     | 7.5      |
| Vacuuming type             | Electric |
| Filter areas (m²)          | 2        |

| Equipment  |  |
|--|--|
| Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |  |

| Order no. 1.573-822.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

Recommended accessories

Longopac add-on system IVS  
**Order no. 2.013-092.0 / Price**



IB 15/120

Dry ice blaster

- Robust and reliable
- Oil and water separator
- For the most intensive jobs



IB 10/8 L2P

Dry ice blaster

- With integrated dry-ice production
- Compact, mobile design and easy operation
- Low compressed air consumption for use of workshop compressors



ID 50/40 Afc

Industrial deduster

- Sound reduction
- Ergonomic container control



SGV 8/5

Steam vacuum cleaners

- EASY Operation selector switch
- Self-cleaning function
- Chemical function

Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar /MPa)      | 2 – 16/0.2 – 1.6         |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 2 – 12                   |
| Sound pressure level (dB(A)) | 125                      |

Equipment

Nozzle case with foam insert ▪ Grease for nozzle threads ▪ Flat jet nozzle ▪ Flat jet nozzle insert 8 mm ▪ Open-end wrench (for changing nozzles) 2 piece(s) ▪ Round jet nozzle, XL, long ▪ Spray hose with electrical control cable and quick coupling ▪ Jet gun (ergonomic and safe)

Order no. 1.574-104.0

Price

Users must receive training on this device.

Recommended accessories

Nozzle extension, XS, 300 mm  
**Order no. 4.574-046.0 / Price**  
Case for nozzles and accessories  
**Order no. 6.421-355.0 / Price**

Technical data

|                           |                       |
|---------------------------|-----------------------|
| Connection load (kW)      | 1                     |
| Compressed air connection | 1/4" quick coupling   |
| Casing/frame              | Plastic rotation body |
| Certified (by) to         | CE                    |
| Air pressure (bar /MPa)   | 0.7 – 10/0.07 – 1     |
| Air quality               | Dry & oil-free        |
| Air flow (m³/min)         | 0.07 – 0.8            |

Equipment

Flat jet nozzle ▪ Spray hose with electrical control cable and quick coupling ▪ Jet gun (ergonomic and safe) ▪ "Air only" or "Air and ice" switch on the trigger gun ▪ Electronic control system

Order no. 1.574-200.0

Price

Users must receive training on this device.

Recommended accessories

Power flat jet nozzle, long  
**Order no. 4.574-083.0 / Price**  
Adjust & Filter attachment kit  
**Order no. 2.644-227.0 / Price**

Technical data

|                          |              |
|--------------------------|--------------|
| Supply voltage (Ph/V/Hz) | 3 / 400 / 50 |
| Air flow (l/s/m³/h)      | 138 / 495    |
| Vacuum (mbar /kPa)       | 140 / 14     |
| Container content (l)    | 50           |
| Rated input power (kW)   | 4            |
| Vacuuming type           | Electric     |
| Filter areas (m²)        | 3.2          |

Equipment

Container emptying Set-down trolley

Order no. 9.986-460.0

Price

Users must receive training on this device.

Recommended accessories

Bag filter PE M 3.2 m²  
**Order no. 9.981-684.0 / Price**

Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 – 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 8    |
| Boiler temperature (°C) | max. 175  |
| Voltage (V)             | 220 – 240 |
| Frequency (Hz)          | 50 – 50   |

Equipment

Steam suction hose with handle ▪ Steam tubes 2 × ▪ Floor nozzle ▪ Hand nozzle ▪ Container material Plastic ▪ Housing Stainless steel

Order no. 1.092-010.0

Price

Users must receive training on this device.

Recommended accessories

Round brush set  
**Order no. 2.863-011.0 / Price**  
Brush strips, 300 mm  
**Order no. 2.889-006.0 / Price**



# DAIRY PLANT

The highest degree of cleanliness is essential in dairy plants. The milk, and also the products created from the milk, must be protected against contamination through complete hygiene. Constant cleaning and disinfection in the processing chain are as important as an uninterrupted cold chain.

## CLEANING RECOMMENDATION

- 1 Milk delivery**  
Extreme caution is required with raw milk. The tank interior cleaning of the milk tanker can be carried out using special spray heads with subsequent drying. Wash systems complete the exterior cleaning with an optimised cleaning and drying process in order to have the vehicles ready for use again quickly.
- 2 Production**  
There are many metres of pipelines in dairy plants. They can be easily cleaned from the inside using a pipe cleaning set connected to the high-pressure cleaner. The production halls are cleaned with special hygiene high-pressure cleaners and accessories such as surface cleaners and foam jets.
- 3 Container and tank cleaning**  
You can clean containers in a hygienically perfect manner using our modular system solutions. Depending on requirements, you can freely combine interior cleaning heads, high-pressure pumps, hot water generators, controls, accessories and cleaning agents.
- 4 Milk powder manufacturing**  
Apart from fresh milk, the manufacture of milk powder is another important processing step. Special explosion-proof industrial vacuums remove fine dust from the food area.
- 5 Cleaning the milk tanker**  
Our TB commercial vehicle wash system is flexible, reliable and economical. The system concept offers robust, low-maintenance technology, unlimited modularity and simple operation.

## TAILORMADE SOLUTIONS

From the farmer to the consumer: milk is a very delicate foodstuff, for which hygiene and cleaning are essential in the processing chain. Kärcher provides assistance throughout the chain with compatible cleaning solutions.

# HYGIENICALLY CLEAN AND GERM-FREE

Professional cleaning and disinfection are a must in dairy plants as dairy products are particularly prone to germs.



## HDS 12/14-4 St

### High pressure washer

- Integrated system pressure relief
- Soft Damping System (SDS)
- Dry-running protection

#### Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)                                       | 600 - 1200         |
| Working pressure (bar / MPa)                          | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                  | 7.5                |
| Consumption of heating oil or gas at full load (kg/h) | 7.1                |
| Number of simultaneous users                          | 1                  |

#### Equipment

Soft Damping System (SDS) ■ System pressure relief ■ Flame monitoring  
■ Prepared for servo control ■ Prepared for remote control ■ Cleaning agent function Suction

#### Order no. 1.699-921.0

##### Price

Users must receive training on this device.

#### Recommended accessories

EASY!Force Advanced  
**Order no. 4.118-005.0 / Price**  
Surface Cleaner FR 50 Me  
**Order no. 2.111-023.0 / Price**



## SGV 8/5

### Steam vacuum cleaners

- EASY Operation selector switch
- Self-cleaning function
- Chemical function

#### Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 - 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 8    |
| Boiler temperature (°C) | max. 175  |
| Voltage (V)             | 220 - 240 |
| Frequency (Hz)          | 50 - 50   |

#### Equipment

Steam suction hose with handle ■ Steam tubes 2 x ■ Floor nozzle ■ Hand nozzle ■ Container material Plastic ■ Housing Stainless steel

#### Order no. 1.092-010.0

##### Price

Users must receive training on this device.

#### Recommended accessories

Round brush set  
**Order no. 2.863-011.0 / Price**  
Brush strips, 300 mm  
**Order no. 2.889-006.0 / Price**



HDS 9/14-4 St

High pressure washer

- Integrated system pressure relief
- Soft Damping System (SDS)
- Dry-running protection



HDS 9/16-4 St Gas

High pressure washer

- Dry-running protection
- Surface burner technology
- Water-cooled stainless steel boiler with built-in stainless steel heater coil

| Technical data  |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)                                       | 500 - 930          |
| Working pressure (bar /MPa)                           | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                  | 6.4                |
| Consumption of heating oil or gas at full load (kg/h) | 5.8                |
| Number of simultaneous users                          | 1                  |

| Equipment   |
|---|
| Soft Damping System (SDS) ▪ System pressure relief ▪ Flame monitoring<br>▪ Prepared for servo control ▪ Prepared for remote control ▪ Cleaning agent function Suction |

| Order no. 1.698-917.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories  |
|--|
| Easy Press trigger gun, M 22x1.5, grey<br><b>Order no. 4.775-784.0 / Price</b> |
| Hard Surface Cleaner FR 30 Me<br><b>Order no. 2.111-013.0 / Price</b>          |

| Technical data                      |                   |
|-------------------------------------|-------------------|
| Supply voltage (Ph/V/Hz)            | 3 / 400 / 50      |
| Flow rate (l/h)                     | 500 - 960         |
| Working pressure (bar /MPa)         | 30 - 160 / 3 - 16 |
| Temperature (for supply 12 °C) (°C) | max. 98           |
| Connection load (kW)                | 6.4               |
| Number of simultaneous users        | 1                 |
| Portability                         | Stationary        |

| Equipment   |
|---|
| Soft Damping System (SDS) ▪ System pressure relief ▪ Flame monitoring<br>▪ Prepared for servo control ▪ Prepared for remote control ▪ Cleaning agent function Suction |

| Order no. 1.251-900.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.



HDS 9/18-4 MX

High pressure washer

- Economical eco!efficiency mode
- 2 cleaning agent tanks
- Three-phase motor: water-cooled

| Technical data   |                    |
|--|--------------------|
| Supply voltage (Ph/V/Hz)                                 | 3 / 400 / 50       |
| Flow rate (l/h)  | 450 - 900          |
| Working pressure (bar /MPa)                              | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                      | min. 80 - max. 155 |
| Connection load (kW)                                     | 6.4                |
| Consumption of heating oil or gas at full load (kg/h)    | 5.8                |
| Consumption of heating oil in eco!efficiency mode (kg/h) | 4.6                |

| Equipment  |
|--|
| Cleaning agent function 20 + 10 l tank ▪ Spray gun EASY!Force Advanced<br>▪ High-pressure hose, 20 m, Longlife ▪ Spray lance 1050 mm ▪ Power nozzle<br>▪ Integrated HD hose reel ▪ ANTI!Twist ▪ Tanks for cleaning agents, calcification protection and fuel that can be filled from the outside |

| Order no. 1.077-918.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories   |
|---|
| Transport eyelet attachment kit<br><b>Order no. 2.644-053.0 / Price</b> |
| Nozzle protection<br><b>Order no. 5.394-059.0 / Price</b>               |



HDS 8/18-4 CX

High pressure washer

- Economical eco!efficiency mode
- Intuitive single-button selector switch
- Four-pole water-cooled electric motor

| Technical data   |                    |
|--|--------------------|
| Supply voltage (Ph/V/Hz)                                 | 3 / 400 / 50       |
| Flow rate (l/h)  | 300 - 800          |
| Working pressure (bar /MPa)                              | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                      | min. 80 - max. 155 |
| Connection load (kW)                                     | 6                  |
| Consumption of heating oil or gas at full load (kg/h)    | 5                  |
| Consumption of heating oil in eco!efficiency mode (kg/h) | 4                  |

| Equipment  |
|--|
| Spray gun EASY!Force Advanced ▪ High-pressure hose, 15 m, DN 6, 250 bar<br>▪ Spray lance 1050 mm ▪ Power nozzle ▪ Soft Damping System (SDS)<br>▪ Integrated HD hose reel ▪ Pressure switch-off ▪ Integrated fuel and cleaning agent tank |

| Order no. 1.174-906.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories                                       |
|---|
| Add-on kit mud sucker<br><b>Order no. 2.641-798.0 / Price</b> |
| Push-on wash brush<br><b>Order no. 4.113-001.0 / Price</b>    |



HD 13/12-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation



HD 9/18-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation



HD 7/10 CXF

High pressure washer

- For sanitary/hygiene/food industry
- High-pressure hose in food-industry quality, grey non-marking wheels
- Energy-saving EASY!Force high-pressure gun for fatigue-free work



BD 80/100 W Classic Bp Pack 285Ah

Scrubber drier

- Extremely robust and durable components for tough applications
- Very simple, intuitive operating concept
- Powerful battery and off-board battery charger included in the scope of supply

Technical data

|                            |                 |
|----------------------------|-----------------|
| Supply voltage (Ph/V/Hz)   | 3/400/50        |
| Flow rate (l/h)            | 650 - 1300      |
| Working pressure (bar/MPa) | 30 - 120/3 - 12 |
| Max. pressure (bar/MPa)    | 150/15          |
| Inlet temperature (°C)     | 70              |
| Connection load (kW)       | 7.3             |
| Protection (A)             | 16              |

Technical data

|                            |                 |
|----------------------------|-----------------|
| Supply voltage (Ph/V/Hz)   | 3/400/50        |
| Flow rate (l/h)            | 460 - 900       |
| Working pressure (bar/MPa) | 40 - 180/4 - 18 |
| Max. pressure (bar/MPa)    | 200/20          |
| Inlet temperature (°C)     | 70              |
| Connection load (kW)       | 6.8             |
| Protection (A)             | 16              |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 10 m, ID 8, 315 bar ■ Triple nozzle (0°/ 25°/40°) manual ■ Stainless steel spray lance 1050 mm ■ Prepared for remote control ■ Prepared for servo control

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 10 m, ID 8, 315 bar ■ Triple nozzle (0°/ 25°/40°) manual ■ Stainless steel spray lance 1050 mm ■ Prepared for remote control ■ Prepared for servo control

Order no. 1.524-950.2

Price

Order no. 1.524-950.2

Price

Recommended accessories

EASY!Force Advanced  
Order no. 4.118-005.0 / Price  
  
Pressure relief kit  
Order no. 2.209-773.0 / Price

Recommended accessories

Water softener dosing unit  
Order no. 2.209-777.0 / Price  
  
FR 30 Surface Cleaner  
Order no. 2.111-011.0 / Price

Technical data

|                                |                 |
|--------------------------------|-----------------|
| Supply voltage (Ph/V/Hz)       | 3/400/50        |
| Flow rate (l/h)                | 250 - 700       |
| Inlet temperature (°C)         | 80              |
| Working pressure (bar/MPa)     | 10 - 100/1 - 10 |
| Max. pressure (bar/MPa)        | 120/12          |
| Connection load (kW)           | 3               |
| Weight (with accessories) (kg) | 36.5            |

Equipment

Spray gun EASY!Force Food ■ High-pressure hose, 15 m, Food design ■ Stainless steel spray lance 840 mm ■ Triple nozzle (0°/ 25°/40°) manual ■ Integrated HD hose reel ■ Cleaning agent function Suction ■ Pressure switch-off ■ Infinitely variable pressure and water flow regulation

Order no. 1.151-906.0

Price

Recommended accessories

Dirt trap attachment kit  
Order no. 2.642-532.0 / Price  
  
FRV 30 Me Surface Cleaner  
Order no. 2.111-012.0 / Price

Technical data

|                                   |                     |
|-----------------------------------|---------------------|
| Working width of brushes (mm)     | 810                 |
| Working width, vacuuming (mm)     | 1090                |
| Max. area performance (m²/h)      | 4050                |
| Practical area performance (m²)   | 1944                |
| Tank of fresh/dirty water (l)     | 100/100             |
| Brush contact pressure (g/cm²/kg) | 21.3 - 36.2/40 - 68 |
| Brush rotational speed (rpm)      | 180                 |

Equipment

Disc brush ■ Powerful traction drive ■ Battery and charger included ■ squeegee, angled ■ 2-tank system ■ Motor Battery

Order no. 1.127-018.0

Price

Users must receive training on this device.



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar

Technical data

|                               |       |
|-------------------------------|-------|
| Working width of brushes (mm) | 510   |
| Working width, vacuuming (mm) | 850   |
| Max. area performance (m²/h)  | 2550  |
| Tank of fresh/dirty water (l) | 55/55 |
| Brush contact pressure (kg)   | 27    |
| Brush rotational speed (rpm)  | 180   |
| Traction motor (W)            | 130   |

Equipment

Disc brush ■ Powerful traction drive ■ Battery and charger included ■ 2-tank system ■ robust aluminium die-cast suction bar ■ Motor Battery ■ Type of suction lips Linatex® ■ Kärcher colour and operating concept

Order no. 1.127-063.0

Price

Users must receive training on this device.

Technical data

|                                   |          |
|-----------------------------------|----------|
| Working width of brushes (mm)     | 350      |
| Working width, vacuuming (mm)     | 450      |
| Rated input power (W)             | 500      |
| Battery (V / Ah)                  | 25.2/21  |
| Battery runtime (h)               | max. 1.5 |
| Max. area performance (m²/h)      | 1400     |
| Practical area performance (m²/h) | 1050     |

Equipment

Roller brush ■ 2-tank system ■ Battery and built-in charger included ■ Variable contact pressure ■ Transport wheels ■ Squeegee, straight

Order no. 1.783-467.0

Price

Users must receive training on this device.



B 150 R Bp Pack + DOSE + SB + 240 Ah Wet + Rins + R85

Scrubber drier

- Compact and agile
- EASY Operation selector switch

Technical data

|                                     |            |
|-------------------------------------|------------|
| Working width of brushes (mm)       | 850        |
| Working width, vacuuming (mm)       | 1180       |
| Tank of fresh/dirty water (l)       | 150/150    |
| Theoretical area performance (m²/h) | 5100       |
| Practical area performance (m²/h)   | 3600       |
| Brush rotational speed (rpm)        | 180 – 1300 |
| Battery (V / Ah)                    | 36/240     |

Equipment

Roller brush ■ Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Built-in charger ■ Battery and charger included ■ Automatic water stop ■ Tin

Order no. 1.246-033.0

Price

Users must receive training on this device.



B 110 R Bp Pack 170Ah+Dose+R75

Scrubber drier

Technical data

|                                     |         |
|-------------------------------------|---------|
| Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 1200    |
| Brush contact pressure (g/cm²)      | 500     |

Equipment

Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper

Order no. 1.161-419.0

Price

Users must receive training on this device.



NT 75/2 Ap Me Tc

Wet and dry vacuum cleaner

- Semi-automatic filter cleaning
- Tilting chassis
- Flat pleated filter (dust class M)



IVC 60/12-1 Ec H Z22

Industrial vacuum

- Certified according to DIN EN 60335-2-69:2010
- Dust-free and low-dust disposal
- Anti-static equipment



IVR-L 100/24-2 Me

Industrial vacuum

- Compact construction style that takes up very little floor space
- Stainless steel container



IB 7/40 Adv

Dry ice blaster

- Operation by the trigger gun
- Oil and water separator
- For in-house compressed air networks

Technical data

|                          |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)           | 2 × 74              |
| Vacuum (mbar/kPa)        | 254/25.4            |
| Container content (l)    | 75                  |
| Container material       | Stainless steel     |
| Rated input power (W)    | max. 2760           |
| Standard nominal width   | ID 40               |

Equipment

Suction hose, 4 m, with bend ■ Suction tube, 2 piece(s), 0.5 m, Metal ■ Filter bag, 1 piece(s), Paper ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Drain hose (oil-resistant) ■ Automatic cut-out features at max. filling quality ■ Flat pleated filter Paper

Order no. 1.667-292.0

Price

Recommended accessories

Telescopic lance TL 10 H  
Order no. 4.762-611.0 / Price

Technical data

|                          |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)      | 39/140              |
| Vacuum (mbar/kPa)        | 223/22.3            |
| Container content (l)    | 60                  |
| Rated input power (kW)   | 1                   |
| Vacuuming type           | Electric            |
| Filter areas (m²)        | 0.95                |

Equipment

Filters Flat pleated filter ■ Accessories included in the scope of delivery no ■ Container emptying Set-down trolley

Order no. 1.576-103.0

Price

Users must receive training on this device.

Recommended accessories

HEPA-14 flat pleated filter  
Order no. 6.904-364.0 / Price  
Adapter accessories DN 50 to DN 51  
Order no. 9.989-603.0 / Price

Technical data

|                             |                     |
|-----------------------------|---------------------|
| Supply voltage (Ph/V/Hz)    | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)         | 148/532             |
| Rated input power (kW)      | 2.4                 |
| Vacuuming type              | Electric            |
| Vacuum (mbar/kPa)           | 230/23              |
| Connection nominal diameter | ID 50               |
| Accessory nominal diameter  | ID 50/ID 40         |

Equipment

Accessories included in the scope of delivery no ■ Container emptying Set-down trolley

Order no. 9.987-884.0

Price

Users must receive training on this device.

Recommended accessories

Surface filter PE L 0.45 m²  
Order no. 9.988-256.0 / Price  
Filter basket, stainless steel, Ø 495 mm, 40 l  
Order no. 9.980-849.0 / Price

Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar/MPa)       | 2 – 10/0.2 – 1           |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 0.5 – 3.5                |
| Sound pressure level (dB(A)) | 99                       |

Equipment

Grease for nozzle threads ■ Flat jet nozzle ■ Open-end wrench (for changing nozzles) 2 piece(s) ■ Spray hose with electrical control cable and quick coupling ■ Jet gun (ergonomic and safe) ■ Ice quantity set directly on the jet gun ■ Air pressure set directly on the jet gun ■ "Air only" or "Air and ice" switch on the trigger gun

Order no. 1.574-002.0

Price

Users must receive training on this device.

Recommended accessories

Jet gun, XS, classic  
Order no. 4.775-794.0 / Price  
Flat jet nozzle, XS, short  
Order no. 4.574-040.0 / Price



SG 4/4

Steam cleaner

- Certified disinfection
- Short heat-up time
- Pump for hot boiler filling

Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 2300      |
| Tank capacity (l)       | 4         |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 4    |
| Boiler temperature (°C) | max. 145  |
| Voltage (V)             | 220 - 240 |
| Frequency (Hz)          | 50 - 60   |

Equipment

Steam suction hose with handle ▪ Steam tubes 2 × ▪ Floor nozzle 1x with slats, 1x with bristles ▪ Hand nozzle ▪ Round brush, black ▪ Upholstery nozzle with brush ▪ Power nozzle ▪ Detail nozzle

Order no. 1.092-104.0

Price

Recommended accessories

Window nozzle

Order no. 2.863-025.0 / Price

Hand nozzle

Order no. 2.884-280.0 / Price





# READY-MADE MEALS

The manufacture of dry goods, confectionery and ready-made meals demands state-of-the-art machines, precise production processes and innovative cleaning solutions. The various types of dirt, such as flour and sugar dust, crumbs or incrustations in chocolate production, require sophisticated cleaning methods.

## CLEANING RECOMMENDATION

- **1 Stationary machines/ dedusting systems**  
With our customised dedusting systems, you can vacuum flour and sugar dusts right where they are formed. Other system areas will not get dirty, your production runs smoothly and without unplanned downtimes.
- **2 Mobile machines**  
Mobile vacuum cleaners can be used flexibly for smaller amounts of dust in the production process. They are suitable for every dust class, from L/M/H through to the explosive Zone 22 (flour, sugar dust).
- **3 Dry cleaning**  
Dry ice cleaning removes even the most stubborn dirt in all areas that have to be dry cleaned. The cleaning of moulds without any disassembly promises maximum efficiency and cost reduction. The dissolved dirt is then easily vacuumed with a wet and dry vacuum cleaner.
- **4 Baking sheet supports**  
The cleaning of baking sheets is very simple with our stationary and mobile high-pressure cleaners. For such purposes, use our PressurePro Smoke Resin Remover RM 33 cleaning agent, which is especially suited for contaminants typical in and around foodstuffs, such as smoke resins, sugar glazings or grease contamination.
- **5 Tank cleaning**  
You can clean flour silos without an integrated cleaning system with our modular system solutions. As needed, you can freely combine interior cleaning heads, high-pressure pumps, hot water generators, controls, accessories and cleaning agents.

**CAUTION: FLOUR DUST**

Respiratory and lung diseases are the most common cause of incapacity to work in Germany. Flour dust is the number one trigger. Mobile or stationary dedusters provide a remedy here - for the safety of employees and a stable and dust-free work environment.

# MUCH MORE THAN JUST VACUUMING

Kärcher has the appropriate cleaning solutions: with us, you can confidently remove all dirt such as fine flour and sugar dust, sticky bits of dough and remnants of confectionery products or stubborn incrustations.



## HDS 9/14-4 St

### High pressure washer

- Integrated system pressure relief
- Soft Damping System (SDS)
- Dry-running protection

#### Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)                                       | 500 - 930          |
| Working pressure (bar / MPa)                          | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                  | 6.4                |
| Consumption of heating oil or gas at full load (kg/h) | 5.8                |
| Number of simultaneous users                          | 1                  |

#### Equipment

Soft Damping System (SDS) ■ System pressure relief ■ Flame monitoring  
■ Prepared for servo control ■ Prepared for remote control ■ Cleaning agent function Suction

#### Order no. 1.698-917.0

##### Price

Users must receive training on this device.

#### Recommended accessories

Easy Press trigger gun, M 22x1.5, grey  
**Order no. 4.775-784.0 / Price**

Hard Surface Cleaner FR 30 Me  
**Order no. 2.111-013.0 / Price**



## HDS 9/18-4 MX

### High pressure washer

- Economical ecoefficiency mode
- 2 cleaning agent tanks
- Three-phase motor: water-cooled

#### Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 450 - 900          |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Connection load (kW)                                    | 6.4                |
| Consumption of heating oil or gas at full load (kg/h)   | 5.8                |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4.6                |

#### Equipment

Cleaning agent function 20 + 10 l tank ■ Spray gun EASY!Force Advanced  
■ High-pressure hose, 20 m, Longlife ■ Spray lance 1050 mm ■ Power nozzle  
■ Integrated HD hose reel ■ ANTI!Twist ■ Tanks for cleaning agents, calcification protection and fuel that can be filled from the outside

#### Order no. 1.077-918.0

##### Price

Users must receive training on this device.

#### Recommended accessories

Transport eyelet attachment kit  
**Order no. 2.644-053.0 / Price**

Nozzle protection  
**Order no. 5.394-059.0 / Price**



HDS 8/18-4 CX

High pressure washer

- Economical eco!efficiency mode
- Intuitive single-button selector switch
- Four-pole water-cooled electric motor



HD 7/16-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation



HD 7/10 CXF

High pressure washer

- For sanitary/hygiene/food industry
- High-pressure hose in food-industry quality, grey non-marking wheels
- Energy-saving EASY!Force high-pressure gun for fatigue-free work



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier

| Technical data   |                    |
|--|--------------------|
| Supply voltage (Ph/V/Hz)                                 | 3/400/50           |
| Flow rate (l/h)  | 300 - 800          |
| Working pressure (bar/MPa)                               | 30 - 180/3 - 18    |
| Temperature (for supply 12 °C) (°C)                      | min. 80 - max. 155 |
| Connection load (kW)                                     | 6                  |
| Consumption of heating oil or gas at full load (kg/h)    | 5                  |
| Consumption of heating oil in eco!efficiency mode (kg/h) | 4                  |

| Technical data             |                 |
|----------------------------|-----------------|
| Supply voltage (Ph/V/Hz)   | 3/400/50        |
| Flow rate (l/h)            | 300 - 700       |
| Working pressure (bar/MPa) | 30 - 160/3 - 16 |
| Max. pressure (bar/MPa)    | 190/19          |
| Inlet temperature (°C)     | 70              |
| Connection load (kW)       | 5               |
| Protection (A)             | 16              |

| Equipment  |
|--|
| Spray gun EASY!Force Advanced ▪ High-pressure hose, 15 m, DN 6, 250 bar ▪ Spray lance 1050 mm ▪ Power nozzle ▪ Soft Damping System (SDS) ▪ Integrated HD hose reel ▪ Pressure switch-off ▪ Integrated fuel and cleaning agent tank |

| Equipment   |
|---|
| Spray gun EASY!Force Advanced ▪ High-pressure hose, 10 m, ID 8, 315 bar ▪ Triple nozzle (0°/ 25°/40°) manual ▪ Stainless steel spray lance 1050 mm ▪ Prepared for remote control ▪ Prepared for servo control |

| Order no. 1.174-906.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories                                |
|--|
| Add-on kit mud sucker<br>Order no. 2.641-798.0 / Price |
| Push-on wash brush<br>Order no. 4.113-001.0 / Price    |

| Order no. 1.524-950.2 |
|-----------------------|
| Price                 |

| Recommended accessories  |
|--|
| EASY!Force Advanced<br>Order no. 4.118-005.0 / Price               |
| Splash guard for roller brush 500<br>Order no. 4.762-621.0 / Price |

| Technical data                 |                 |
|--------------------------------|-----------------|
| Supply voltage (Ph/V/Hz)       | 3/400/50        |
| Flow rate (l/h)                | 250 - 700       |
| Inlet temperature (°C)         | 80              |
| Working pressure (bar/MPa)     | 10 - 100/1 - 10 |
| Max. pressure (bar/MPa)        | 120/12          |
| Connection load (kW)           | 3               |
| Weight (with accessories) (kg) | 36.5            |

| Equipment  |
|--|
| Spray gun EASY!Force Food ▪ High-pressure hose, 15 m, Food design ▪ Stainless steel spray lance 840 mm ▪ Triple nozzle (0°/ 25°/40°) manual ▪ Integrated HD hose reel ▪ Cleaning agent function Suction ▪ Pressure switch-off ▪ Infinitely variable pressure and water flow regulation |

| Order no. 1.151-906.0 |
|-----------------------|
| Price                 |

| Recommended accessories                                    |
|--|
| Dirt trap attachment kit<br>Order no. 2.642-532.0 / Price  |
| FRV 30 Me Surface Cleaner<br>Order no. 2.111-012.0 / Price |

| Technical data                |       |
|-------------------------------|-------|
| Working width of brushes (mm) | 510   |
| Working width, vacuuming (mm) | 850   |
| Max. area performance (m²/h)  | 2550  |
| Tank of fresh/dirty water (l) | 55/55 |
| Brush contact pressure (kg)   | 27    |
| Brush rotational speed (rpm)  | 180   |
| Traction motor (W)            | 130   |

| Equipment  |
|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ 2-tank system ▪ robust aluminium die-cast suction bar ▪ Motor Battery ▪ Type of suction lips Linatex® ▪ Kärcher colour and operating concept |

| Order no. 1.127-063.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving eco!efficiency mode
- Includes sweeping function
- Height-adjustable handlebar



B 150 R Bp Pack + DOSE + SB + 240 Ah Wet + Rins + R85

Scrubber drier

- Compact and agile
- EASY Operation selector switch



B 110 R Bp Pack 170Ah+Dose+R75

Scrubber drier



NT 75/1 Tact Me Te H

Wet and dry vacuum cleaner

- Anti-static system
- Automatic on/off switch
- Suitable for asbestos

Technical data

|                                   |           |
|-----------------------------------|-----------|
| Working width of brushes (mm)     | 350       |
| Working width, vacuuming (mm)     | 450       |
| Rated input power (W)             | 500       |
| Battery (V / Ah)                  | 25.2 / 21 |
| Battery runtime (h)               | max. 1.5  |
| Max. area performance (m²/h)      | 1400      |
| Practical area performance (m²/h) | 1050      |

Equipment

Roller brush ■ 2-tank system ■ Battery and built-in charger included ■ Variable contact pressure ■ Transport wheels ■ Squeegee, straight

Order no. 1.783-467.0

Price

Users must receive training on this device.

Technical data

|                                     |            |
|-------------------------------------|------------|
| Working width of brushes (mm)       | 850        |
| Working width, vacuuming (mm)       | 1180       |
| Tank of fresh/dirty water (l)       | 150/150    |
| Theoretical area performance (m²/h) | 5100       |
| Practical area performance (m²/h)   | 3600       |
| Brush rotational speed (rpm)        | 180 – 1300 |
| Battery (V / Ah)                    | 36/240     |

Equipment

Roller brush ■ Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Built-in charger ■ Battery and charger included ■ Automatic water stop ■ Tin

Order no. 1.246-033.0

Price

Users must receive training on this device.

Technical data

|                                     |         |
|-------------------------------------|---------|
| Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 1200    |
| Brush contact pressure (g/cm²)      | 500     |

Equipment

Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper

Order no. 1.161-419.0

Price

Users must receive training on this device.

Technical data

|                               |                   |
|-------------------------------|-------------------|
| Supply voltage (V / Hz)       | 220 – 240/50 – 60 |
| Air flow (l/s)                | 74                |
| Vacuum (mbar / kPa)           | 254/25.4          |
| Container content (l)         | 75                |
| Rated input power (W)         | max. 1000         |
| Standard nominal width        | ID 35             |
| Rubber power cable length (m) | 10                |

Equipment

Safety filter bag 1 piece(s) ■ Suction hose, 2.5 m, with bend (electrically conductive) ■ Suction tube, 2 piece(s), 0.5 m, Stainless steel ■ Filter bag, Paper ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Power tool connection adapter ■ Automatic switch-on/off for electric devices

Order no. 1.667-294.0

Price

Recommended accessories

DN 35 nozzle kit: Crevice nozzle, upholstery nozzle, round brush  
**Order no. 2.860-116.0 / Price**  
  
Membrane filter, NT 65, NT 70, NT 72, NT 75, NT 551, NT 602, NT 700, NT 702, NT 802, NT 993  
**Order no. 6.904-282.0 / Price**



NT 75/1 Me Ec H Z22

Wet and dry vacuum cleaner

- Brushless EC motor (5000 hrs)
- Anti-static system
- Suitable for asbestos



NT 50/1 Tact Te L

Wet and dry vacuum cleaner

- Adjustable push handle
- Drain hose
- Antistatic preparation



NT 40/1 Tact Bs

Wet and dry vacuum cleaner

- Antistatic preparation
- PES flat pleated filter
- Tact automatic filter cleaning system



NT 30/1 Tact L

Wet and dry vacuum cleaner

- PES flat pleated filter
- Metal castors
- Antistatic preparation

Technical data

|                              |                   |
|------------------------------|-------------------|
| Supply voltage (V / Hz)      | 220 – 240/50 – 60 |
| Air flow (l/s)               | 61                |
| Vacuum (mbar / kPa)          | 220/22            |
| Container content (l)        | 75                |
| Rated input power (W)        | max. 1000         |
| Standard nominal width       | ID 40             |
| Sound pressure level (dB(A)) | 76                |

Equipment

Safety filter bag 1 piece(s) ▪ Suction hose, 4 m, with bend (electrically conductive) ▪ Suction tube, 1 piece(s), 1 m, Metal ▪ Filter bag, Fleece ▪ Wet/dry floor nozzle, 360 mm ▪ Crevice nozzle ▪ Anti-static system ▪ Stainless steel container

Order no. 1.667-239.0

Price

Users must receive training on this device.

Recommended accessories

Safety filter bag, 5 × , NT 75/1  
Order no. 6.904-420.0 / Price  
  
Bend, metal, non-interchangeable  
Order no. 4.036-032.0 / Price

Technical data

|                            |                     |
|----------------------------|---------------------|
| Supply voltage (Ph/V / Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)             | 74                  |
| Vacuum (mbar / kPa)        | 273/27.3            |
| Container content (l)      | 50                  |
| Container material         | Plastic             |
| Rated input power (W)      | max. 1380           |
| Standard nominal width     | ID 35               |

Equipment

Suction hose, 4 m, with bend ▪ Suction tube, 2 piece(s), 0.55 m, 35 mm, Stainless steel ▪ Filter bag, 1 piece(s), Fleece ▪ PE plastic bag for dust-free disposal 1 piece(s) ▪ Dust class L ▪ Wet/dry floor nozzle, 360 mm ▪ Crevice nozzle ▪ Power tool connection adapter

Order no. 1.148-411.0

Price

Recommended accessories

TL vacuum cleaner adapter  
Order no. 9.751-306.0 / Price  
  
Universal trade and industrial set  
Order no. 2.637-595.0 / Price

Technical data

|                            |                     |
|----------------------------|---------------------|
| Supply voltage (Ph/V / Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)             | 74                  |
| Vacuum (mbar / kPa)        | 273/27.3            |
| Container content (l)      | 40                  |
| Rated input power (W)      | max. 1380           |
| Standard nominal width     | ID 35               |
| Cable length (m)           | 7.5                 |

Equipment

Crevice nozzle ▪ Flat pleated filter PES ▪ Automatic cut-out features at max. filling quality ▪ Container material Plastic ▪ Filter cleaning Tact automatic filter cleaning system ▪ Sturdy bumper ▪ Push handle ▪ Protection class II

Order no. 1.148-340.0

Price

Recommended accessories

Oven nozzle  
Order no. 4.130-104.0 / Price

Technical data

|                            |                     |
|----------------------------|---------------------|
| Supply voltage (Ph/V / Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)             | 74                  |
| Vacuum (mbar / kPa)        | 273/27.3            |
| Container content (l)      | 30                  |
| Container material         | Plastic             |
| Rated input power (W)      | max. 1380           |
| Standard nominal width     | ID 35               |

Equipment

Suction hose, 2.5 m, with bend ▪ Suction tube, 2 piece(s), 0.55 m, 35 mm, Stainless steel ▪ Filter bag, 1 piece(s), Fleece ▪ PE plastic bag for dust-free disposal 1 piece(s) ▪ Wet/dry floor nozzle, 360 mm ▪ Crevice nozzle ▪ Automatic cut-out features at max. filling quality ▪ Antistatic preparation

Order no. 1.148-201.0

Price

Recommended accessories

Telescopic lance TL 10 C  
Order no. 4.762-612.0 / Price  
  
All-purpose brush  
Order no. 6.900-425.0 / Price



IVC 60/30 Ap M Z22

Industrial vacuum

- Certified according to 94/9/EC
- Manual filter cleaning
- Anti-static equipment



IVC 60/24-2 Tact² M

Industrial vacuum

- Anti-static equipment
- Certified for dust class M
- Integrated cyclone for pre-separation system



IVC 60/12-1 Ec H Z22

Industrial vacuum

- Certified according to DIN EN 60335-2-69:2010
- Dust-free and low-dust disposal
- Anti-static equipment



IVS 100/55 M Z22

Industrial vacuum

- Constructed in conformity with DIN EN 60335-2-69:2010
- Extra-large filter area
- Manual filter cleaning

| Technical data           |          |
|--------------------------|----------|
| Supply voltage (Ph/V/Hz) | 3/400/50 |
| Air flow (l/s/m³/h)      | 49.2/177 |
| Vacuum (mbar/kPa)        | 250/25   |
| Container content (l)    | 60       |
| Rated input power (kW)   | 3        |
| Vacuuming type           | Electric |
| Filter areas (m²)        | 1.9      |

| Technical data           |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)      | 148/532             |
| Vacuum (mbar/kPa)        | 254/25.4            |
| Container content (l)    | 60                  |
| Rated input power (kW)   | 2.4                 |
| Vacuuming type           | Electric            |
| Filter areas (m²)        | 0.95                |

| Equipment  |
|--|
| Filters Flat pleated filter ▪ Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Equipment  |
|--|
| Filters Flat pleated filter ▪ Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Order no. 1.576-106.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Order no. 1.576-105.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Recommended accessories   |
|---|
| Adapter accessories DN 50 to DN 51<br>Order no. 9.989-603.0 / Price |
| Hose PVC DN40 3 m<br>Order no. 9.989-647.0 / Price                  |

| Recommended accessories   |
|---|
| Auxiliary emptying crane/forklift Ø 452 mm<br>Order no. 2.642-842.0 / Price |

| Technical data           |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)      | 39/140              |
| Vacuum (mbar/kPa)        | 223/22.3            |
| Container content (l)    | 60                  |
| Rated input power (kW)   | 1                   |
| Vacuuming type           | Electric            |
| Filter areas (m²)        | 0.95                |

| Technical data           |          |
|--------------------------|----------|
| Supply voltage (Ph/V/Hz) | 3/400/50 |
| Air flow (l/s/m³/h)      | 138/500  |
| Vacuum (mbar/kPa)        | 240/24   |
| Container content (l)    | 100      |
| Rated input power (kW)   | 5.5      |
| Vacuuming type           | Electric |
| Filter areas (m²)        | 2        |

| Equipment  |
|--|
| Filters Flat pleated filter ▪ Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Equipment  |
|--|
| Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Order no. 1.576-103.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Order no. 9.987-899.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Recommended accessories                                      |
|--|
| HEPA-14 flat pleated filter<br>Order no. 6.904-364.0 / Price |

| Recommended accessories   |
|---|
| Disposal bag PE Ø 510 mm 100 l<br>Order no. 6.904-348.0 / Price |



IB 15/120

Dry ice blaster

- Robust and reliable
- Oil and water separator
- For the most intensive jobs



IB 7/40 Adv

Dry ice blaster

- Operation by the trigger gun
- Oil and water separator
- For in-house compressed air networks



IB 10/8 L2P

Dry ice blaster

- With integrated dry-ice production
- Compact, mobile design and easy operation
- Low compressed air consumption for use of workshop compressors



SGV 8/5

Steam vacuum cleaners

- EASY Operation selector switch
- Self-cleaning function
- Chemical function

Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar /MPa)      | 2 – 16/0.2 – 1.6         |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 2 – 12                   |
| Sound pressure level (dB(A)) | 125                      |

Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar /MPa)      | 2 – 10/0.2 – 1           |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 0.5 – 3.5                |
| Sound pressure level (dB(A)) | 99                       |

Equipment

Nozzle case with foam insert ▪ Grease for nozzle threads ▪ Flat jet nozzle ▪ Flat jet nozzle insert 8 mm ▪ Open-end wrench (for changing nozzles) 2 piece(s) ▪ Round jet nozzle, XL, long ▪ Spray hose with electrical control cable and quick coupling ▪ Jet gun (ergonomic and safe)

Equipment

Grease for nozzle threads ▪ Flat jet nozzle ▪ Open-end wrench (for changing nozzles) 2 piece(s) ▪ Spray hose with electrical control cable and quick coupling ▪ Jet gun (ergonomic and safe) ▪ Ice quantity set directly on the jet gun ▪ Air pressure set directly on the jet gun ▪ "Air only" or "Air and ice" switch on the trigger gun

Order no. 1.574-104.0

Price

Users must receive training on this device.

Order no. 1.574-002.0

Price

Users must receive training on this device.

Recommended accessories

Nozzle extension, XS, 300 mm  
Order no. 4.574-046.0 / Price

Case for nozzles and accessories  
Order no. 6.421-355.0 / Price

Recommended accessories

Spray hose, 1/2"  
Order no. 4.013-042.0 / Price

Jet gun, XS, Adv  
Order no. 4.775-785.0 / Price

Technical data

|                           |                       |
|---------------------------|-----------------------|
| Connection load (kW)      | 1                     |
| Compressed air connection | 1/4" quick coupling   |
| Casing/frame              | Plastic rotation body |
| Certified (by) to         | CE                    |
| Air pressure (bar /MPa)   | 0.7 – 10/0.07 – 1     |
| Air quality               | Dry & oil-free        |
| Air flow (m³/min)         | 0.07 – 0.8            |

Equipment

Flat jet nozzle ▪ Spray hose with electrical control cable and quick coupling ▪ Jet gun (ergonomic and safe) ▪ "Air only" or "Air and ice" switch on the trigger gun ▪ Electronic control system

Order no. 1.574-200.0

Price

Users must receive training on this device.

Recommended accessories

Power flat jet nozzle, long  
Order no. 4.574-083.0 / Price

Adjust & Filter attachment kit  
Order no. 2.644-227.0 / Price

Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 – 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 8    |
| Boiler temperature (°C) | max. 175  |
| Voltage (V)             | 220 – 240 |
| Frequency (Hz)          | 50 – 50   |

Equipment

Steam suction hose with handle ▪ Steam tubes 2 × ▪ Floor nozzle ▪ Hand nozzle ▪ Container material Plastic ▪ Housing Stainless steel

Order no. 1.092-010.0

Price

Users must receive training on this device.

Recommended accessories

Round brush set  
Order no. 2.863-011.0 / Price

Brush strips, 300 mm  
Order no. 2.889-006.0 / Price



# PRODUCTION OF ANIMAL FEED

High-quality animal feed must be safely manufactured under controlled production conditions. Whether manufacturing wet food or pelleted dry fodder through to loose bird food and concentrated feed for large animals, the same hygiene conditions and standards apply as for food production.

## CLEANING RECOMMENDATION

- 1 Meat processing**  
Residues from greases and proteins arise during the processing of meat, which can be best removed using hot water and certified foam cleaners. Stationary as well as mobile high-pressure cleaners with special hoses and trigger guns for the food industry are recommended.
- 2 Production of dry fodder**  
High dust impacts in the air arise when filling the raw materials into the containers. These can be eliminated with an integrated dedusting system which minimises the health effects for employees. The Ice Blaster is recommended for cleaning the extruder.
- 3 Stationary dedusting and suction systems**  
Large amounts of dust that arise during continuous operation of production are removed quickly and efficiently. The stationary dedusting and extraction systems have several extraction points, antistatic hoses and various nozzles.
- 4 Dry ice cleaning**  
The use of water for cleaning is often not desired, especially in the "dry" production area. Dry ice cleaning is the ideal alternative here. Conveyor belts, production machines and their electrical components can be cleaned without any disassembly and on the spot.
- 5 Container/deposit cleaning**  
Stainless steel containers for the storage of raw materials must be cleaned regularly. For this purpose, stationary high-pressure cleaners with tank cleaning heads or also mobile high-pressure cleaners offering maximum flexibility in use are perfect.

### OBSERVE STANDARDS

Cleaning and hygiene are paramount: all products are subject to the HACCP standard with continuous quality inspections. This prevents the carryover of any germs and contamination.

# CLEAN FODDER FOR ALL ANIMALS

The production of animal feed is equivalent to food production. Cleanliness and hygiene, and avoiding contamination or the spread of germs are essential.



## IB 7/40 Adv

### Dry ice blaster

- Operation by the trigger gun
- Oil and water separator
- For in-house compressed air networks

#### Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar / MPa)     | 2 - 10/0.2 - 1           |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 0.5 - 3.5                |
| Sound pressure level (dB(A)) | 99                       |

#### Equipment

Grease for nozzle threads ■ Flat jet nozzle ■ Open-end wrench (for changing nozzles) 2 piece(s) ■ Spray hose with electrical control cable and quick coupling ■ Jet gun (ergonomic and safe) ■ Ice quantity set directly on the jet gun ■ Air pressure set directly on the jet gun ■ "Air only" or "Air and ice" switch on the trigger gun

#### Order no. 1.574-002.0

##### Price

Users must receive training on this device.

#### Recommended accessories

Spray hose, 1/2"

**Order no. 4.013-042.0 / Price**

Jet gun, XS, Adv

**Order no. 4.775-785.0 / Price**



## IB 10/8 L2P

### Dry ice blaster

- With integrated dry-ice production
- Compact, mobile design and easy operation
- Low compressed air consumption for use of workshop compressors

#### Technical data

|                           |                       |
|---------------------------|-----------------------|
| Connection load (kW)      | 1                     |
| Compressed air connection | 1/4" quick coupling   |
| Casing/frame              | Plastic rotation body |
| Certified (by) to         | CE                    |
| Air pressure (bar / MPa)  | 0.7 - 10/0.07 - 1     |
| Air quality               | Dry & oil-free        |
| Air flow (m³/min)         | 0.07 - 0.8            |

#### Equipment

Flat jet nozzle ■ Spray hose with electrical control cable and quick coupling ■ Jet gun (ergonomic and safe) ■ "Air only" or "Air and ice" switch on the trigger gun ■ Electronic control system

#### Order no. 1.574-200.0

##### Price

Users must receive training on this device.

#### Recommended accessories

Power flat jet nozzle, long

**Order no. 4.574-083.0 / Price**

Adjust & Filter attachment kit

**Order no. 2.644-227.0 / Price**



HDS 9/14-4 St

High pressure washer

- Integrated system pressure relief
- Soft Damping System (SDS)
- Dry-running protection



HDS 9/18-4 MX

High pressure washer

- Economical ecoefficiency mode
- 2 cleaning agent tanks
- Three-phase motor: water-cooled



HDS 8/18-4 CX

High pressure washer

- Economical ecoefficiency mode
- Intuitive single-button selector switch
- Four-pole water-cooled electric motor



HD 13/12-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)                                       | 500 - 930          |
| Working pressure (bar / MPa)                          | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                  | 6.4                |
| Consumption of heating oil or gas at full load (kg/h) | 5.8                |
| Number of simultaneous users                          | 1                  |

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 450 - 900          |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Connection load (kW)                                    | 6.4                |
| Consumption of heating oil or gas at full load (kg/h)   | 5.8                |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4.6                |

Equipment

Soft Damping System (SDS) ■ System pressure relief ■ Flame monitoring  
■ Prepared for servo control ■ Prepared for remote control ■ Cleaning agent function Suction

Equipment

Cleaning agent function 20 + 10 l tank ■ Spray gun EASY!Force Advanced  
■ High-pressure hose, 20 m, Longlife ■ Spray lance 1050 mm ■ Power nozzle  
■ Integrated HD hose reel ■ ANTI!Twist ■ Tanks for cleaning agents, calcification protection and fuel that can be filled from the out-side

Order no. 1.698-917.0

Price

Users must receive training on this device.

Recommended accessories

Easy Press trigger gun, M 22x1.5, grey  
**Order no. 4.775-784.0 / Price**

Hard Surface Cleaner FR 30 Me  
**Order no. 2.111-013.0 / Price**

Order no. 1.077-918.0

Price

Users must receive training on this device.

Recommended accessories

Transport eyelet attachment kit  
**Order no. 2.644-053.0 / Price**

Nozzle protection  
**Order no. 5.394-059.0 / Price**

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 300 - 800          |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Connection load (kW)                                    | 6                  |
| Consumption of heating oil or gas at full load (kg/h)   | 5                  |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4                  |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 15 m, DN 6, 250 bar  
■ Spray lance 1050 mm ■ Power nozzle ■ Soft Damping System (SDS)  
■ Integrated HD hose reel ■ Pressure switch-off ■ Integrated fuel and cleaning agent tank

Order no. 1.174-906.0

Price

Users must receive training on this device.

Recommended accessories

Add-on kit mud sucker  
**Order no. 2.641-798.0 / Price**

Push-on wash brush  
**Order no. 4.113-001.0 / Price**

Technical data

|                              |                   |
|------------------------------|-------------------|
| Supply voltage (Ph/V/Hz)     | 3 / 400 / 50      |
| Flow rate (l/h)              | 650 - 1300        |
| Working pressure (bar / MPa) | 30 - 120 / 3 - 12 |
| Max. pressure (bar / MPa)    | 150 / 15          |
| Inlet temperature (°C)       | 70                |
| Connection load (kW)         | 7.3               |
| Protection (A)               | 16                |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 10 m, ID 8, 315 bar  
■ Triple nozzle (0°/ 25°/40°) manual ■ Stainless steel spray lance 1050 mm  
■ Prepared for remote control ■ Prepared for servo control

Order no. 1.524-950.2

Price

Recommended accessories

EASY!Force Advanced  
**Order no. 4.118-005.0 / Price**

Pressure relief kit  
**Order no. 2.209-773.0 / Price**



HD 7/16-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar



B 110 R Bp Pack 170Ah+Dose+R75

Scrubber drier

| Technical data               |                   |
|------------------------------|-------------------|
| Supply voltage (Ph/V / Hz)   | 3 / 400 / 50      |
| Flow rate (l/h)              | 300 – 700         |
| Working pressure (bar / MPa) | 30 – 160 / 3 – 16 |
| Max. pressure (bar / MPa)    | 190 / 19          |
| Inlet temperature (°C)       | 70                |
| Connection load (kW)         | 5                 |
| Protection (A)               | 16                |

| Equipment   |
|---|
| Spray gun EASY!Force Advanced ▪ High-pressure hose, 10 m, ID 8, 315 bar ▪ Triple nozzle (0°/ 25°/40°) manual ▪ Stainless steel spray lance 1050 mm ▪ Prepared for remote control ▪ Prepared for servo control |

| Technical data                |         |
|-------------------------------|---------|
| Working width of brushes (mm) | 510     |
| Working width, vacuuming (mm) | 850     |
| Max. area performance (m²/h)  | 2550    |
| Tank of fresh/dirty water (l) | 55 / 55 |
| Brush contact pressure (kg)   | 27      |
| Brush rotational speed (rpm)  | 180     |
| Traction motor (W)            | 130     |

| Equipment  |
|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ 2-tank system ▪ robust aluminium die-cast suction bar ▪ Motor Battery ▪ Type of suction lips Linatex® ▪ Kärcher colour and operating concept |

| Order no. 1.524-950.2 |
|-----------------------|
| Price                 |

| Recommended accessories   |
|---|
| EASY!Force Advanced<br><b>Order no. 4.118-005.0 / Price</b>               |
| Splash guard for roller brush 500<br><b>Order no. 4.762-621.0 / Price</b> |

| Order no. 1.127-063.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Technical data                    |           |
|-----------------------------------|-----------|
| Working width of brushes (mm)     | 350       |
| Working width, vacuuming (mm)     | 450       |
| Rated input power (W)             | 500       |
| Battery (V / Ah)                  | 25.2 / 21 |
| Battery runtime (h)               | max. 1.5  |
| Max. area performance (m²/h)      | 1400      |
| Practical area performance (m²/h) | 1050      |

| Equipment  |
|--|
| Roller brush ▪ 2-tank system ▪ Battery and built-in charger included ▪ Variable contact pressure ▪ Transport wheels ▪ Squeegee, straight |

| Order no. 1.783-467.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Technical data                      |           |
|-------------------------------------|-----------|
| Working width of brushes (mm)       | 750       |
| Working width, vacuuming (mm)       | 950       |
| Tank of fresh/dirty water (l)       | 110 / 110 |
| Theoretical area performance (m²/h) | 4500      |
| Practical area performance (m²/h)   | 3150      |
| Brush rotational speed (rpm)        | 1200      |
| Brush contact pressure (g/cm²)      | 500       |

| Equipment  |
|--|
| Auto Fill ▪ Patented tank rinsing system ▪ Powerful traction drive ▪ Battery and built-in charger included ▪ Automatic water stop ▪ Tin ▪ Parking brake ▪ Integrated sweeper |

| Order no. 1.161-419.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.



### KM 85/50 W Bp Pack

Vacuum sweeper

- Compact design for maximum manoeuvrability
- Simple brush roller replacement without tools
- Reverse mode, operating hours counter and floating main sweeper roller



### NT 75/2 Tact² Me Tc

Wet and dry vacuum cleaner

- Automatic Filter Cleaning System Tact²
- Push handle and drain hose
- Moisture-proof PES filter



### NT 75/1 Me Ec H Z22

Wet and dry vacuum cleaner

- Brushless EC motor (5000 hrs)
- Anti-static system
- Suitable for asbestos



### NT 30/1 Tact L

Wet and dry vacuum cleaner

- PES flat pleated filter
- Metal castors
- Antistatic preparation

Technical data

|  |          |
|--|----------|
| Drive type                               | Electric |
| Drive                                    | DC motor |
| Drive- performance (V / W)               | 24/912   |
| Max. area performance (m²/h)             | 3825     |
| Working width (mm)                       | 615      |
| Working width with 1 side brush (mm)     | 850      |
| Working width with two side brushes (mm) | 1050     |

Technical data

|                          |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)           | 2 × 74              |
| Vacuum (mbar/kPa)        | 254/25.4            |
| Container content (l)    | 75                  |
| Container material       | Stainless steel     |
| Rated input power (W)    | max. 2760           |
| Standard nominal width   | ID 40               |

Equipment

Polyester flat pleated filter ■ Filter cleaning manual ■ Forwards traction drive ■ Backwards traction drive ■ Main sweeper roller, floating ■ Waste container, mobile ■ Coarse dirt flap ■ Overhead sweeping principle

Equipment

Suction hose, 4 m, with bend ■ Suction tube, 2 piece(s), 0.55 m, 40 mm, Stainless steel ■ Filter bag, 1 piece(s), Paper ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Drain hose (oil-resistant) ■ Automatic cut-out features at max. filling quality ■ Anti-static system

Order no. 1.351-117.0

Price

Users must receive training on this device.

Recommended accessories

Attachment kit, 2nd left side brush  
Order no. 2.850-266.0 / Price

Order no. 1.667-289.0

Price

Recommended accessories

Wet and dry floor nozzle, aluminium, DN 40  
Order no. 6.903-018.0 / Price

Sieve basket IVC  
Order no. 5.731-645.0 / Price

Technical data

|                              |                   |
|------------------------------|-------------------|
| Supply voltage (V/Hz)        | 220 – 240/50 – 60 |
| Air flow (l/s)               | 61                |
| Vacuum (mbar/kPa)            | 220/22            |
| Container content (l)        | 75                |
| Rated input power (W)        | max. 1000         |
| Standard nominal width       | ID 40             |
| Sound pressure level (dB(A)) | 76                |

Equipment

Safety filter bag 1 piece(s) ■ Suction hose, 4 m, with bend (electrically conductive) ■ Suction tube, 1 piece(s), 1 m, Metal ■ Filter bag, Fleece ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Anti-static system ■ Stainless steel container

Order no. 1.667-239.0

Price

Users must receive training on this device.

Recommended accessories

Safety filter bag, 5 × , NT 75/1  
Order no. 6.904-420.0 / Price

Bend, metal, non-interchangeable  
Order no. 4.036-032.0 / Price

Technical data

|                          |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)           | 74                  |
| Vacuum (mbar/kPa)        | 273/27.3            |
| Container content (l)    | 30                  |
| Container material       | Plastic             |
| Rated input power (W)    | max. 1380           |
| Standard nominal width   | ID 35               |

Equipment

Suction hose, 2.5 m, with bend ■ Suction tube, 2 piece(s), 0.55 m, 35 mm, Stainless steel ■ Filter bag, 1 piece(s), Fleece ■ PE plastic bag for dust-free disposal 1 piece(s) ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Automatic cut-out features at max. filling quality ■ Antistatic preparation

Order no. 1.148-201.0

Price

Recommended accessories

All-purpose brush  
Order no. 6.900-425.0 / Price

Wet and dry floor nozzle, plastic Adv, DN 35, 400 mm  
Order no. 2.889-118.0 / Price



## NT 27/1 Me Advanced

### Wet and dry vacuum cleaner

- Cartridge filter with enlarged filter area
- Stainless steel container
- Wide wet suction nozzle



## IVC 60/24-2 Tact² M

### Industrial vacuum

- Anti-static equipment
- Certified for dust class M
- Integrated cyclone for pre-separation system



## IVS 100/55 M

### Industrial vacuum

- Certified for dust class M
- Extra-large filter area
- Pole reverse plug



## IVS 100/55 M Z22

### Industrial vacuum

- Constructed in conformity with DIN EN 60335-2-69:2010
- Extra-large filter area
- Manual filter cleaning

| Technical data          |                   |
|-------------------------|-------------------|
| Supply voltage (V / Hz) | 220 – 240/50 – 60 |
| Air flow (l/s)          | 67                |
| Vacuum (mbar / kPa)     | 200/20            |
| Container content (l)   | 27                |
| Container material      | Stainless steel   |
| Rated input power (W)   | max. 1380         |
| Standard nominal width  | ID 35             |

| Technical data             |                     |
|----------------------------|---------------------|
| Supply voltage (Ph/V / Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)        | 148/532             |
| Vacuum (mbar / kPa)        | 254/25.4            |
| Container content (l)      | 60                  |
| Rated input power (kW)     | 2.4                 |
| Vacuumping type            | Electric            |
| Filter areas (m²)          | 0.95                |

| Equipment                      |  |
|--------------------------------|--|
| Suction hose, 2.5 m, with bend | ▪ Suction tube, 2 piece(s), 0.5 m, Metal |
| Filter bag, 1 piece(s), Paper  | ▪ Wet/dry floor nozzle, 400 mm           |
| Crevice nozzle                 | ▪ Power tool connection adapter          |
| Cartridge filter Paper         | ▪ Sturdy bumper                          |

| Equipment                           |  |
|-------------------------------------|--|
| Filters Flat pleated filter         | ▪ Accessories included in the scope of delivery no |
| Container emptying Set-down trolley |  |

| Order no. 1.428-114.0 |
|-----------------------|
| Price                 |

| Order no. 1.576-105.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories  |  |
|--|--|
| Wet filter bag   |  |
| Order no. 6.904-171.0 / Price                                    |  |
| DN 35 nozzle kit: Crevice nozzle, upholstery nozzle, round brush |  |
| Order no. 2.860-116.0 / Price                                    |  |

| Recommended accessories            |  |
|------------------------------------|--|
| Flat pleated filter, PTFE          |  |
| Order no. 6.907-449.0 / Price      |  |
| Adapter accessories DN 50 to DN 51 |  |
| Order no. 9.989-603.0 / Price      |  |

| Technical data             |          |
|----------------------------|----------|
| Supply voltage (Ph/V / Hz) | 3/400/50 |
| Air flow (l/s/m³/h)        | 138/500  |
| Vacuum (mbar / kPa)        | 240/24   |
| Container content (l)      | 100      |
| Rated input power (kW)     | 5.5      |
| Vacuumping type            | Electric |
| Filter areas (m²)          | 2        |

| Technical data             |          |
|----------------------------|----------|
| Supply voltage (Ph/V / Hz) | 3/400/50 |
| Air flow (l/s/m³/h)        | 138/500  |
| Vacuum (mbar / kPa)        | 240/24   |
| Container content (l)      | 100      |
| Rated input power (kW)     | 5.5      |
| Vacuumping type            | Electric |
| Filter areas (m²)          | 2        |

| Equipment  |                                       |
|--|---------------------------------------|
| Accessories included in the scope of delivery no | ▪ Container emptying Set-down trolley |

| Equipment  |                                       |
|--|---------------------------------------|
| Accessories included in the scope of delivery no | ▪ Container emptying Set-down trolley |

| Order no. 1.573-722.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories        |  |
|--------------------------------|--|
| Star filter PE M 2.2 m²        |  |
| Order no. 6.907-611.0 / Price  |  |
| Disposal bag PE Ø 510 mm 100 l |  |
| Order no. 6.904-348.0 / Price  |  |

| Order no. 9.987-899.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories        |  |
|--------------------------------|--|
| Disposal bag PE Ø 510 mm 100 l |  |
| Order no. 6.904-348.0 / Price  |  |



## IB 15/120

### Dry ice blaster

- Robust and reliable
- Oil and water separator
- For the most intensive jobs



## SGV 8/5

### Steam vacuum cleaners

- EASY Operation selector switch
- Self-cleaning function
- Chemical function

#### Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar / MPa)     | 2 - 16 / 0.2 - 1.6       |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 2 - 12                   |
| Sound pressure level (dB(A)) | 125                      |

#### Equipment

Nozzle case with foam insert ▪ Grease for nozzle threads ▪ Flat jet nozzle ▪ Flat jet nozzle insert 8 mm ▪ Open-end wrench (for changing nozzles) 2 piece(s) ▪ Round jet nozzle, XL, long ▪ Spray hose with electrical control cable and quick coupling ▪ Jet gun (ergonomic and safe)

#### Order no. 1.574-104.0

##### Price

Users must receive training on this device.

#### Recommended accessories

Nozzle extension, XS, 300 mm  
**Order no. 4.574-046.0 / Price**

Case for nozzles and accessories  
**Order no. 6.421-355.0 / Price**

#### Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 - 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 8    |
| Boiler temperature (°C) | max. 175  |
| Voltage (V)             | 220 - 240 |
| Frequency (Hz)          | 50 - 50   |

#### Equipment

Steam suction hose with handle ▪ Steam tubes 2 x ▪ Floor nozzle ▪ Hand nozzle ▪ Container material Plastic ▪ Housing Stainless steel

#### Order no. 1.092-010.0

##### Price

Users must receive training on this device.

#### Recommended accessories

Round brush set  
**Order no. 2.863-011.0 / Price**

Brush strips, 300 mm  
**Order no. 2.889-006.0 / Price**





# PROCESSING OF FRUIT AND VEGETABLES

The cleaning tasks are diverse wherever fruit and vegetables are processed: production residue on machines and the floor, outside areas and last but not least transport containers, place high demands on machines and cleaning processes.

## CLEANING RECOMMENDATION

- 1 In production**  
Coarse vegetable and fruit residues on floors or in the production systems are easily removed with wet and dry vacuum cleaners. The container is emptied using a drain hose.
- 2 Pipe cleaning**  
For pipelines, you can use our mobile and stationary high-pressure cleaners, which are combined with a pipe cleaning hose and nozzle. The hose propels itself forward in the pipe by the pipe cleaning nozzle with four nozzles pointing towards the rear at an angle of 30°.
- 3 Tanks, silos, containers**  
You can clean tanks, silos, intermediate bulk containers (IBCs) and stainless steel containers in a hygienically perfect manner using our modular system solutions. As needed, you can freely combine interior cleaning heads, high-pressure pumps, hot water generators, controls, accessories and cleaning agents.
- 4 Stationary cleaning**  
At any point of removal, the stationary high-pressure cleaners are ready for use straight away without the need for set-up times and without having to transport mobile devices. Individually combined and equipped, e.g. with blue high-pressure hoses in a food-grade design with non-stain, grease-resistant outer skin.
- 5 High-pressure cleaners specially for the food industry**  
You can clean and disinfect production systems quickly and effectively with our white hygienic high-pressure cleaner with integrated hose reel, food-grade high-pressure hose, grey abrasion-resistant wheels and application-specific accessories.

### SAVE WATER

Floors are often cleaned using the water hose. With the use of scrubber dryers you not only save time, but also water: as the manoeuvrable machine cleans the floors effectively and reabsorbs any excess water, up to 70 percent less water is used.

# CRISP AND CLEAN

The avoidance of cross-contamination, coatings and films and corrosion is a key cleaning task when processing fruit and vegetables.



## HDS 12/14-4 St

### High pressure washer

- Integrated system pressure relief
- Soft Damping System (SDS)
- Dry-running protection

#### Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)                                       | 600 - 1200         |
| Working pressure (bar / MPa)                          | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                  | 7.5                |
| Consumption of heating oil or gas at full load (kg/h) | 7.1                |
| Number of simultaneous users                          | 1                  |

#### Equipment

Soft Damping System (SDS) ▪ System pressure relief ▪ Flame monitoring  
▪ Prepared for servo control ▪ Prepared for remote control ▪ Cleaning agent function Suction

#### Order no. 1.699-921.0

##### Price

Users must receive training on this device.

#### Recommended accessories

EASY!Force Advanced  
**Order no. 4.118-005.0 / Price**  
Surface Cleaner FR 50 Me  
**Order no. 2.111-023.0 / Price**



## BR 35/12 C Bp Pack

### Scrubber drier

- Energy-saving ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar

#### Technical data

|                                   |           |
|-----------------------------------|-----------|
| Working width of brushes (mm)     | 350       |
| Working width, vacuuming (mm)     | 450       |
| Rated input power (W)             | 500       |
| Battery (V / Ah)                  | 25.2 / 21 |
| Battery runtime (h)               | max. 1.5  |
| Max. area performance (m²/h)      | 1400      |
| Practical area performance (m²/h) | 1050      |

#### Equipment

Roller brush ▪ 2-tank system ▪ Battery and built-in charger included ▪  
Variable contact pressure ▪ Transport wheels ▪ Squeegee, straight

#### Order no. 1.783-467.0

##### Price

Users must receive training on this device.



HDS 9/16-4 St Gas

High pressure washer

- Dry-running protection
- Surface burner technology
- Water-cooled stainless steel boiler with built-in stainless steel heater coil



HDS 13/20-4 S

High pressure washer

- Dual spray lance operation possible
- 2 cleaning agent tanks
- Economical ecoefficiency mode



HDS 8/18-4 CX

High pressure washer

- Economical ecoefficiency mode
- Intuitive single-button selector switch
- Four-pole water-cooled electric motor



HD 10/15-4 Cage Food

High pressure washer

- Grease-resistant high-pressure hose
- 2 cleaning agent tanks with rinse function
- High-pressure hose in food-industry quality, grey non-marking wheels

Technical data

|                                     |                   |
|-------------------------------------|-------------------|
| Supply voltage (Ph/V/Hz)            | 3 / 400 / 50      |
| Flow rate (l/h)                     | 500 - 960         |
| Working pressure (bar / MPa)        | 30 - 160 / 3 - 16 |
| Temperature (for supply 12 °C) (°C) | max. 98           |
| Connection load (kW)                | 6.4               |
| Number of simultaneous users        | 1                 |
| Portability                         | Stationary        |

Equipment

Soft Damping System (SDS) ■ System pressure relief ■ Flame monitoring ■ Prepared for servo control ■ Prepared for remote control ■ Cleaning agent function Suction

Order no. 1.251-900.0

Price

Users must receive training on this device.

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 600 - 1300         |
| Working pressure (bar / MPa)                            | 30 - 200 / 3 - 20  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Consumption of heating oil or gas at full load (kg/h)   | 8.3                |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 6.6                |
| Connection load (kW)                                    | 9.3                |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 10 m, Longlife ■ Spray lance 1050 mm ■ Power nozzle ■ Pressure switch-off ■ Option for the 2 spray lance operation ■ Pole reverse plug (3~) ■ Soft Damping System (SDS)

Order no. 1.071-927.0

Price

Users must receive training on this device.

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 300 - 800          |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Connection load (kW)                                    | 6                  |
| Consumption of heating oil or gas at full load (kg/h)   | 5                  |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4                  |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 15 m, DN 6, 250 bar ■ Spray lance 1050 mm ■ Power nozzle ■ Soft Damping System (SDS) ■ Integrated HD hose reel ■ Pressure switch-off ■ Integrated fuel and cleaning agent tank

Order no. 1.174-906.0

Price

Users must receive training on this device.

Recommended accessories

Add-on kit mud sucker

Order no. 2.641-798.0 / Price

Push-on wash brush

Order no. 4.113-001.0 / Price

Technical data

|                                |                     |
|--------------------------------|---------------------|
| Supply voltage (Ph/V/Hz)       | 3 / 400 / 50        |
| Flow rate (l/h)                | 440 - 990           |
| Inlet temperature (°C)         | max. 85             |
| Working pressure (bar / MPa)   | 20 - 145 / 2 - 14.5 |
| Max. pressure (bar / MPa)      | 175 / 17.5          |
| Connection load (kW)           | 6.4                 |
| Weight (with accessories) (kg) | 78.4                |

Equipment

Spray gun EASY!Force Food ■ High-pressure hose, 10 m, Food design, DN 8, 400 bar ■ Stainless steel spray lance 1050 mm ■ Power nozzle ■ Cleaning agent function 5 l ■ Pressure switch-off ■ Closed tubular frame construction with integrated handle for crane loading ■ Servo control

Order no. 1.353-908.0

Price

Users must receive training on this device.

Recommended accessories

FRV 30 Surface Cleaner

Order no. 2.111-010.0 / Price

Hose fastening attachment kit

Order no. 2.642-528.0 / Price



HD 9/18-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation



HD 7/10 CXF

High pressure washer

- For sanitary/hygiene/food industry
- High-pressure hose in food-industry quality, grey non-marking wheels
- Energy-saving EASY!Force high-pressure gun for fatigue-free work



BD 80/100 W Classic Bp Pack 285Ah

Scrubber drier

- Extremely robust and durable components for tough applications
- Very simple, intuitive operating concept
- Powerful battery and off-board battery charger included in the scope of supply



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier

| Technical data             |                 |
|----------------------------|-----------------|
| Supply voltage (Ph/V/Hz)   | 3/400/50        |
| Flow rate (l/h)            | 460 - 900       |
| Working pressure (bar/MPa) | 40 - 180/4 - 18 |
| Max. pressure (bar/MPa)    | 200/20          |
| Inlet temperature (°C)     | 70              |
| Connection load (kW)       | 6.8             |
| Protection (A)             | 16              |

| Technical data                 |                 |
|--------------------------------|-----------------|
| Supply voltage (Ph/V/Hz)       | 3/400/50        |
| Flow rate (l/h)                | 250 - 700       |
| Inlet temperature (°C)         | 80              |
| Working pressure (bar/MPa)     | 10 - 100/1 - 10 |
| Max. pressure (bar/MPa)        | 120/12          |
| Connection load (kW)           | 3               |
| Weight (with accessories) (kg) | 36.5            |

| Equipment   |
|---|
| Spray gun EASY!Force Advanced ▪ High-pressure hose, 10 m, ID 8, 315 bar ▪ Triple nozzle (0°/ 25°/40°) manual ▪ Stainless steel spray lance 1050 mm ▪ Prepared for remote control ▪ Prepared for servo control |

| Equipment  |
|--|
| Spray gun EASY!Force Food ▪ High-pressure hose, 15 m, Food design ▪ Stainless steel spray lance 840 mm ▪ Triple nozzle (0°/ 25°/40°) manual ▪ Integrated HD hose reel ▪ Cleaning agent function Suction ▪ Pressure switch-off ▪ Infinitely variable pressure and water flow regulation |

| Order no. 1.524-950.2 |
|-----------------------|
| Price                 |

| Order no. 1.151-906.0 |
|-----------------------|
| Price                 |

| Recommended accessories                                     |
|---|
| Water softener dosing unit<br>Order no. 2.209-777.0 / Price |
| FR 30 Surface Cleaner<br>Order no. 2.111-011.0 / Price      |

| Recommended accessories                                    |
|--|
| Dirt trap attachment kit<br>Order no. 2.642-532.0 / Price  |
| FRV 30 Me Surface Cleaner<br>Order no. 2.111-012.0 / Price |

| Technical data                    |                     |
|-----------------------------------|---------------------|
| Working width of brushes (mm)     | 810                 |
| Working width, vacuuming (mm)     | 1090                |
| Max. area performance (m²/h)      | 4050                |
| Practical area performance (m²)   | 1944                |
| Tank of fresh/dirty water (l)     | 100/100             |
| Brush contact pressure (g/cm²/kg) | 21.3 - 36.2/40 - 68 |
| Brush rotational speed (rpm)      | 180                 |

| Technical data                |       |
|-------------------------------|-------|
| Working width of brushes (mm) | 510   |
| Working width, vacuuming (mm) | 850   |
| Max. area performance (m²/h)  | 2550  |
| Tank of fresh/dirty water (l) | 55/55 |
| Brush contact pressure (kg)   | 27    |
| Brush rotational speed (rpm)  | 180   |
| Traction motor (W)            | 130   |

| Equipment  |
|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ squeegee, angled ▪ 2-tank system ▪ Motor Battery |

| Equipment  |
|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ 2-tank system ▪ robust aluminium die-cast suction bar ▪ Motor Battery ▪ Type of suction lips Linatex® ▪ Kärcher colour and operating concept |

| Order no. 1.127-018.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Order no. 1.127-063.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.



B 110 R Bp Pack 170Ah+Dose+R75

Scrubber drier



KM 100/100 R Bp Pack

Vacuum sweeper

- Automatic filter cleaning system
- Electric traction drive
- Emission-free operation



KM 85/50 W Bp Pack

Vacuum sweeper

- Compact design for maximum manoeuvrability
- Simple brush roller replacement without tools
- Reverse mode, operating hours counter and floating main sweeper roller



NT 75/2 Tact² Me Tc

Wet and dry vacuum cleaner

- Automatic Filter Cleaning System Tact²
- Push handle and drain hose
- Moisture-proof PES filter

Technical data

|                                     |         |
|-------------------------------------|---------|
| Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 1200    |
| Brush contact pressure (g/cm²)      | 500     |

Equipment

Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper

Order no. 1.161-419.0

Price

Users must receive training on this device.

Technical data

|  |          |
|--|----------|
| Traction drive                                   | DC motor |
| Drive- performance (V / kW)                      | 24 / 2.1 |
| Drive type                                       | Electric |
| Max. area performance (m²/h)                     | 6000     |
| Max. area performance with 2 side brushes (m²/h) | 7800     |
| Working width (mm)                               | 700      |
| Working width with 1 side brush (mm)             | 1000     |

Equipment

Polyester round filter ■ Filter cleaning manual ■ Filter cleaning automatic ■ Main sweeper roller, floating ■ Suction volume regulation ■ Coarse dirt flap ■ Battery and built-in charger included ■ Overhead sweeping principle

Order no. 1.280-112.0

Price

Users must receive training on this device.

Recommended accessories

Working lights

Order no. 2.640-551.0 / Price

Protective roof for operators with flashing beacon

Order no. 2.640-496.7 / Price

ABS 2. Side brush, left

Order no. 2.851-050.0 / Price

Side brush, left

Order no. 2.851-050.7 / Price

Technical data

|  |          |
|--|----------|
| Drive type                               | Electric |
| Drive                                    | DC motor |
| Drive- performance (V / W)               | 24/912   |
| Max. area performance (m²/h)             | 3825     |
| Working width (mm)                       | 615      |
| Working width with 1 side brush (mm)     | 850      |
| Working width with two side brushes (mm) | 1050     |

Equipment

Polyester flat pleated filter ■ Filter cleaning manual ■ Forwards traction drive ■ Backwards traction drive ■ Main sweeper roller, floating ■ Waste container, mobile ■ Coarse dirt flap ■ Overhead sweeping principle

Order no. 1.351-117.0

Price

Users must receive training on this device.

Recommended accessories

Attachment kit, 2nd left side brush

Order no. 2.850-266.0 / Price

Technical data

|                          |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 - 240/50 - 60 |
| Air flow (l/s)           | 2 × 74              |
| Vacuum (mbar / kPa)      | 254/25.4            |
| Container content (l)    | 75                  |
| Container material       | Stainless steel     |
| Rated input power (W)    | max. 2760           |
| Standard nominal width   | ID 40               |

Equipment

Suction hose, 4 m, with bend ■ Suction tube, 2 piece(s), 0.55 m, 40 mm, Stainless steel ■ Filter bag, 1 piece(s), Paper ■ Wet/dry floor nozzle, 360 mm ■ Crevice nozzle ■ Drain hose (oil-resistant) ■ Automatic cut-out features at max. filling quality ■ Anti-static system

Order no. 1.667-289.0

Price

Recommended accessories

Wet and dry floor nozzle, aluminium, DN 40

Order no. 6.903-018.0 / Price

Sieve basket IVC

Order no. 5.731-645.0 / Price



### NT 30/1 Tact L

#### Wet and dry vacuum cleaner

- PES flat pleated filter
- Metal castors
- Antistatic preparation



### NT 27/1 Me Advanced

#### Wet and dry vacuum cleaner

- Cartridge filter with enlarged filter area
- Stainless steel container
- Wide wet suction nozzle



### IVS 100/55 M

#### Industrial vacuum

- Certified for dust class M
- Extra-large filter area
- Pole reverse plug



### IVC 60/24-2 Tact² M

#### Industrial vacuum

- Anti-static equipment
- Certified for dust class M
- Integrated cyclone for pre-separation system

| Technical data           |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s)           | 74                  |
| Vacuum (mbar/kPa)        | 273/27.3            |
| Container content (l)    | 30                  |
| Container material       | Plastic             |
| Rated input power (W)    | max. 1380           |
| Standard nominal width   | ID 35               |

| Technical data         |                   |
|------------------------|-------------------|
| Supply voltage (V/Hz)  | 220 – 240/50 – 60 |
| Air flow (l/s)         | 67                |
| Vacuum (mbar/kPa)      | 200/20            |
| Container content (l)  | 27                |
| Container material     | Stainless steel   |
| Rated input power (W)  | max. 1380         |
| Standard nominal width | ID 35             |

| Equipment   |
|---|
| Suction hose, 2.5 m, with bend ▪ Suction tube, 2 piece(s), 0.55 m, 35 mm, Stainless steel ▪ Filter bag, 1 piece(s), Fleece ▪ PE plastic bag for dust-free disposal 1 piece(s) ▪ Wet/dry floor nozzle, 360 mm ▪ Crevice nozzle ▪ Automatic cut-out features at max. filling quality ▪ Antistatic preparation |

| Equipment  |
|--|
| Suction hose, 2.5 m, with bend ▪ Suction tube, 2 piece(s), 0.5 m, Metal ▪ Filter bag, 1 piece(s), Paper ▪ Wet/dry floor nozzle, 400 mm ▪ Crevice nozzle ▪ Power tool connection adapter ▪ Cartridge filter Paper ▪ Sturdy bumper |

| Order no. 1.148-201.0 |
|-----------------------|
| Price                 |

| Order no. 1.428-114.0 |
|-----------------------|
| Price                 |

| Recommended accessories  |
|--|
| Telescopic lance TL 10 C<br><b>Order no. 4.762-612.0 / Price</b> |
| All-purpose brush<br><b>Order no. 6.900-425.0 / Price</b>        |

| Recommended accessories  |
|--|
| Wet filter bag<br><b>Order no. 6.904-171.0 / Price</b>   |
| DN 35 nozzle kit: Crevice nozzle, upholstery nozzle, round brush<br><b>Order no. 2.860-116.0 / Price</b> |

| Technical data           |          |
|--------------------------|----------|
| Supply voltage (Ph/V/Hz) | 3/400/50 |
| Air flow (l/s/m³/h)      | 138/500  |
| Vacuum (mbar/kPa)        | 240/24   |
| Container content (l)    | 100      |
| Rated input power (kW)   | 5.5      |
| Vacuuming type           | Electric |
| Filter areas (m²)        | 2        |

| Technical data           |                     |
|--------------------------|---------------------|
| Supply voltage (Ph/V/Hz) | 1/220 – 240/50 – 60 |
| Air flow (l/s/m³/h)      | 148/532             |
| Vacuum (mbar/kPa)        | 254/25.4            |
| Container content (l)    | 60                  |
| Rated input power (kW)   | 2.4                 |
| Vacuuming type           | Electric            |
| Filter areas (m²)        | 0.95                |

| Equipment  |
|--|
| Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Equipment  |
|--|
| Filters Flat pleated filter ▪ Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |

| Order no. 1.573-722.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Order no. 1.576-105.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Recommended accessories  |
|--|
| Star filter PE M 2.2 m²<br><b>Order no. 6.907-611.0 / Price</b>        |
| Disposal bag PE Ø 510 mm 100 l<br><b>Order no. 6.904-348.0 / Price</b> |

| Recommended accessories  |
|--|
| Flat pleated filter, PTFE<br><b>Order no. 6.907-449.0 / Price</b>          |
| Adapter accessories DN 50 to DN 51<br><b>Order no. 9.989-603.0 / Price</b> |



IB 15/120

Dry ice blaster

- Robust and reliable
- Oil and water separator
- For the most intensive jobs



IB 7/40 Adv

Dry ice blaster

- Operation by the trigger gun
- Oil and water separator
- For in-house compressed air networks



SGV 8/5

Steam vacuum cleaners

- EASY Operation selector switch
- Self-cleaning function
- Chemical function



SG 4/4

Steam cleaner

- Certified disinfection
- Short heat-up time
- Pump for hot boiler filling

Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar /MPa)      | 2 – 16/0.2 – 1.6         |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 2 – 12                   |
| Sound pressure level (dB(A)) | 125                      |

Equipment

Nozzle case with foam insert ■ Grease for nozzle threads ■ Flat jet nozzle ■ Flat jet nozzle insert 8 mm ■ Open-end wrench (for changing nozzles) 2 piece(s) ■ Round jet nozzle, XL, long ■ Spray hose with electrical control cable and quick coupling ■ Jet gun (ergonomic and safe)

Order no. 1.574-104.0

Price

Users must receive training on this device.

Recommended accessories

Nozzle extension, XS, 300 mm  
**Order no. 4.574-046.0 / Price**  
Case for nozzles and accessories  
**Order no. 6.421-355.0 / Price**

Technical data

|                              |                          |
|------------------------------|--------------------------|
| Connection load (kW)         | 0.6                      |
| Compressed air connection    | Claw coupling (DIN 3238) |
| Casing/frame                 | Stainless steel (1.4301) |
| Air pressure (bar /MPa)      | 2 – 10/0.2 – 1           |
| Air quality                  | Dry & oil-free           |
| Air flow (m³/min)            | 0.5 – 3.5                |
| Sound pressure level (dB(A)) | 99                       |

Equipment

Grease for nozzle threads ■ Flat jet nozzle ■ Open-end wrench (for changing nozzles) 2 piece(s) ■ Spray hose with electrical control cable and quick coupling ■ Jet gun (ergonomic and safe) ■ Ice quantity set directly on the jet gun ■ Air pressure set directly on the jet gun ■ "Air only" or "Air and ice" switch on the trigger gun

Order no. 1.574-002.0

Price

Users must receive training on this device.

Recommended accessories

Spray hose, 1/2"  
**Order no. 4.013-042.0 / Price**  
Jet gun, XS, Adv  
**Order no. 4.775-785.0 / Price**

Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 – 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 8    |
| Boiler temperature (°C) | max. 175  |
| Voltage (V)             | 220 – 240 |
| Frequency (Hz)          | 50 – 50   |

Equipment

Steam suction hose with handle ■ Steam tubes 2 × ■ Floor nozzle ■ Hand nozzle ■ Container material Plastic ■ Housing Stainless steel

Order no. 1.092-010.0

Price

Users must receive training on this device.

Recommended accessories

Round brush set  
**Order no. 2.863-011.0 / Price**  
Brush strips, 300 mm  
**Order no. 2.889-006.0 / Price**

Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 2300      |
| Tank capacity (l)       | 4         |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 4    |
| Boiler temperature (°C) | max. 145  |
| Voltage (V)             | 220 – 240 |
| Frequency (Hz)          | 50 – 60   |

Equipment

Steam suction hose with handle ■ Steam tubes 2 × ■ Floor nozzle 1x with slats, 1x with bristles ■ Hand nozzle ■ Round brush, black ■ Upholstery nozzle with brush ■ Power nozzle ■ Detail nozzle

Order no. 1.092-104.0

Price

Recommended accessories

Window nozzle  
**Order no. 2.863-025.0 / Price**  
Hand nozzle  
**Order no. 2.884-280.0 / Price**



# SLAUGHTERHOUSES

The production of meat, poultry and fishery products requires high hygiene standards and cleanliness. All dirt must be completely removed so that germs and bacteria don't stand a chance. The Kärcher cleaning machines come into play here and help you with various solutions.

## CLEANING RECOMMENDATION

- 1 Delivery and collection area**  
Animals for slaughter are often gathered in the waiting area and cause faeces and urine residues. By cleaning with high pressure and hot water you not only save yourself valuable work time, but also remove bacteria without using cleaning agents.
- 2 Slaughterhouse and cutting hall**  
Multiple shift operation, contract work and tight process timings call for fast and effective cleaning. Cleaning with our hot water high-pressure cleaners and 80°C hot water removes proteins, greases and oils more effectively than cold water and saves up to 35 percent of the work time.
- 3 Cold storage rooms**  
Germs or cross-contamination pose a risk to raw meat. Therefore, walls, ceilings, surfaces of cooling units and fins should be meticulously cleaned in accordance with the HACCP concept. Kärcher steam cleaners are certified for this purpose and provide top cleaning results without using any cleaning agents.
- 4 Cleaning agents**  
Cleaning agents specially developed for the high-pressure cleaner can help clean efficiently. Especially in slaughterhouses and cutting areas the PressurePro Grease and Protein Remover RM 731 removes blood, grease and proteins and achieves rapid cleanliness.
- 5 Special machines for the food industry**  
Does not stain and is grease-resistant: the hygiene high-pressure cleaners made of stainless steel with wear-resistant hose in blue are specially designed for the food industry. The EASY!Force high-pressure gun is also approved for the food industry.

### GERM-FREE WITH STEAM

Protects the environment and saves costs: our steam vacuum cleaners clean hard surfaces hygienically and kill up to 99.99% of bacteria – without using any chemical substances. Steam vacuum cleaning also prevents cross-contamination.

# CLEANLINESS WITHOUT ANY COMPROMISES

Thoroughness, compliance with hygiene regulations and time are all part of cleaning in slaughterhouses. No easy task considering the stubborn dirt such as blood, fat and protein.



## HDC Advanced

### Stationary high pressure unit

- For 1-12 users at the same time
- Partial quantity regulation by frequency converter
- Stationary supply unit

#### Technical data

|                             |                   |
|-----------------------------|-------------------|
| Pressure (bar / MPa)        | 100 / 10          |
| Flow rate (l/h)             | 700 / 12000       |
| Inlet temperature (°C)      | max. 85           |
| Motor starting              | Soft start        |
| Supply voltage (Ph/V/Hz)    | 3 / 400 / 50      |
| Dimensions (L × W × H) (mm) | 1150 × 750 × 1840 |

#### Equipment

#### Order no. 1.509-502.2

##### Price

Users must receive training on this device.

#### Recommended accessories

FRV 30 Me Surface Cleaner  
**Order no. 2.111-012.0 / Price**



## HD 10/15-4 Cage Food

### High pressure washer

- Grease-resistant high-pressure hose
- 2 cleaning agent tanks with rinse function
- High-pressure hose in food-industry quality, grey non-marking wheels

#### Technical data

|                                |                     |
|--------------------------------|---------------------|
| Supply voltage (Ph/V/Hz)       | 3 / 400 / 50        |
| Flow rate (l/h)                | 440 - 990           |
| Inlet temperature (°C)         | max. 85             |
| Working pressure (bar / MPa)   | 20 - 145 / 2 - 14.5 |
| Max. pressure (bar / MPa)      | 175 / 17.5          |
| Connection load (kW)           | 6.4                 |
| Weight (with accessories) (kg) | 78.4                |

#### Equipment

Spray gun EASY!Force Food ■ High-pressure hose, 10 m, Food design, DN 8, 400 bar ■ Stainless steel spray lance 1050 mm ■ Power nozzle ■ Cleaning agent function 5 l ■ Pressure switch-off ■ Closed tubular frame construction with integrated handle for crane loading ■ Servo control

#### Order no. 1.353-908.0

##### Price

Users must receive training on this device.

#### Recommended accessories

FRV 30 Surface Cleaner  
**Order no. 2.111-010.0 / Price**  
Hose fastening attachment kit  
**Order no. 2.642-528.0 / Price**



HDS 9/14-4 St

High pressure washer

- Integrated system pressure relief
- Soft Damping System (SDS)
- Dry-running protection



HDS 9/18-4 MX

High pressure washer

- Economical ecoefficiency mode
- 2 cleaning agent tanks
- Three-phase motor: water-cooled



HDS 8/18-4 CX

High pressure washer

- Economical ecoefficiency mode
- Intuitive single-button selector switch
- Four-pole water-cooled electric motor



HD 9/18-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                              | 3 / 400 / 50       |
| Flow rate (l/h)                                       | 500 - 930          |
| Working pressure (bar / MPa)                          | 30 - 140 / 3 - 14  |
| Temperature (for supply 12 °C) (°C)                   | min. 80 - max. 155 |
| Connection load (kW)                                  | 6.4                |
| Consumption of heating oil or gas at full load (kg/h) | 5.8                |
| Number of simultaneous users                          | 1                  |

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 450 - 900          |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Connection load (kW)                                    | 6.4                |
| Consumption of heating oil or gas at full load (kg/h)   | 5.8                |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4.6                |

Equipment

Soft Damping System (SDS) ■ System pressure relief ■ Flame monitoring  
■ Prepared for servo control ■ Prepared for remote control ■ Cleaning agent function Suction

Equipment

Cleaning agent function 20 + 10 l tank ■ Spray gun EASY!Force Advanced  
■ High-pressure hose, 20 m, Longlife ■ Spray lance 1050 mm ■ Power nozzle  
■ Integrated HD hose reel ■ ANTI!Twist ■ Tanks for cleaning agents, calcification protection and fuel that can be filled from the out-side

Order no. 1.698-917.0

Price

Users must receive training on this device.

Recommended accessories

Easy Press trigger gun, M 22x1.5, grey  
Order no. 4.775-784.0 / Price

Hard Surface Cleaner FR 30 Me  
Order no. 2.111-013.0 / Price

Order no. 1.077-918.0

Price

Users must receive training on this device.

Recommended accessories

Transport eyelet attachment kit  
Order no. 2.644-053.0 / Price

Nozzle protection  
Order no. 5.394-059.0 / Price

Technical data

|   |                    |
|---|--------------------|
| Supply voltage (Ph/V/Hz)                                | 3 / 400 / 50       |
| Flow rate (l/h)   | 300 - 800          |
| Working pressure (bar / MPa)                            | 30 - 180 / 3 - 18  |
| Temperature (for supply 12 °C) (°C)                     | min. 80 - max. 155 |
| Connection load (kW)                                    | 6                  |
| Consumption of heating oil or gas at full load (kg/h)   | 5                  |
| Consumption of heating oil in ecoefficiency mode (kg/h) | 4                  |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 15 m, DN 6, 250 bar  
■ Spray lance 1050 mm ■ Power nozzle ■ Soft Damping System (SDS)  
■ Integrated HD hose reel ■ Pressure switch-off ■ Integrated fuel and cleaning agent tank

Order no. 1.174-906.0

Price

Users must receive training on this device.

Recommended accessories

Add-on kit mud sucker  
Order no. 2.641-798.0 / Price

Push-on wash brush  
Order no. 4.113-001.0 / Price

Technical data

|                              |                   |
|------------------------------|-------------------|
| Supply voltage (Ph/V/Hz)     | 3 / 400 / 50      |
| Flow rate (l/h)              | 460 - 900         |
| Working pressure (bar / MPa) | 40 - 180 / 4 - 18 |
| Max. pressure (bar / MPa)    | 200 / 20          |
| Inlet temperature (°C)       | 70                |
| Connection load (kW)         | 6.8               |
| Protection (A)               | 16                |

Equipment

Spray gun EASY!Force Advanced ■ High-pressure hose, 10 m, ID 8, 315 bar  
■ Triple nozzle (0°/ 25°/40°) manual ■ Stainless steel spray lance 1050 mm  
■ Prepared for remote control ■ Prepared for servo control

Order no. 1.524-950.2

Price

Recommended accessories

Water softener dosing unit  
Order no. 2.209-777.0 / Price

FR 30 Surface Cleaner  
Order no. 2.111-011.0 / Price



HD 7/16-4 St

High pressure washer

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation



HD 7/10 CXF

High pressure washer

- For sanitary/hygiene/food industry
- High-pressure hose in food-industry quality, grey non-marking wheels
- Energy-saving EASY!Force high-pressure gun for fatigue-free work



BD 80/100 W Classic Bp Pack 285Ah

Scrubber drier

- Extremely robust and durable components for tough applications
- Very simple, intuitive operating concept
- Powerful battery and off-board battery charger included in the scope of supply



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier

| Technical data             |                 |
|----------------------------|-----------------|
| Supply voltage (Ph/V/Hz)   | 3/400/50        |
| Flow rate (l/h)            | 300 – 700       |
| Working pressure (bar/MPa) | 30 – 160/3 – 16 |
| Max. pressure (bar/MPa)    | 190/19          |
| Inlet temperature (°C)     | 70              |
| Connection load (kW)       | 5               |
| Protection (A)             | 16              |

| Technical data                 |                 |
|--------------------------------|-----------------|
| Supply voltage (Ph/V/Hz)       | 3/400/50        |
| Flow rate (l/h)                | 250 – 700       |
| Inlet temperature (°C)         | 80              |
| Working pressure (bar/MPa)     | 10 – 100/1 – 10 |
| Max. pressure (bar/MPa)        | 120/12          |
| Connection load (kW)           | 3               |
| Weight (with accessories) (kg) | 36.5            |

| Equipment   |  |
|---|--|
| Spray gun EASY!Force Advanced ▪ High-pressure hose, 10 m, ID 8, 315 bar ▪ Triple nozzle (0°/ 25°/40°) manual ▪ Stainless steel spray lance 1050 mm ▪ Prepared for remote control ▪ Prepared for servo control |  |

| Equipment  |  |
|--|--|
| Spray gun EASY!Force Food ▪ High-pressure hose, 15 m, Food design ▪ Stainless steel spray lance 840 mm ▪ Triple nozzle (0°/ 25°/40°) manual ▪ Integrated HD hose reel ▪ Cleaning agent function Suction ▪ Pressure switch-off ▪ Infinitely variable pressure and water flow regulation |  |

| Order no. 1.524-950.2 |
|-----------------------|
| Price                 |

| Order no. 1.151-906.0 |
|-----------------------|
| Price                 |

| Recommended accessories   |
|---|
| EASY!Force Advanced<br><b>Order no. 4.118-005.0 / Price</b>               |
| Splash guard for roller brush 500<br><b>Order no. 4.762-621.0 / Price</b> |

| Recommended accessories   |
|---|
| Dirt trap attachment kit<br><b>Order no. 2.642-532.0 / Price</b>  |
| FRV 30 Me Surface Cleaner<br><b>Order no. 2.111-012.0 / Price</b> |

| Technical data                    |                     |
|-----------------------------------|---------------------|
| Working width of brushes (mm)     | 810                 |
| Working width, vacuuming (mm)     | 1090                |
| Max. area performance (m²/h)      | 4050                |
| Practical area performance (m²)   | 1944                |
| Tank of fresh/dirty water (l)     | 100/100             |
| Brush contact pressure (g/cm²/kg) | 21.3 – 36.2/40 – 68 |
| Brush rotational speed (rpm)      | 180                 |

| Equipment  |  |
|--|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ squeegee, angled ▪ 2-tank system ▪ Motor Battery |  |

| Order no. 1.127-018.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Technical data                |       |
|-------------------------------|-------|
| Working width of brushes (mm) | 510   |
| Working width, vacuuming (mm) | 850   |
| Max. area performance (m²/h)  | 2550  |
| Tank of fresh/dirty water (l) | 55/55 |
| Brush contact pressure (kg)   | 27    |
| Brush rotational speed (rpm)  | 180   |
| Traction motor (W)            | 130   |

| Equipment  |  |
|--|--|
| Disc brush ▪ Powerful traction drive ▪ Battery and charger included ▪ 2-tank system ▪ robust aluminium die-cast suction bar ▪ Motor Battery ▪ Type of suction lips Linatex® ▪ Kärcher colour and operating concept |  |

| Order no. 1.127-063.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving eco!efficiency mode
- Includes sweeping function
- Height-adjustable handlebar



B 150 R Bp Pack + DOSE + SB + 240 Ah Wet + Rins + R85

Scrubber drier

- Compact and agile
- EASY Operation selector switch



B 110 R Bp Pack 170Ah+Dose+R75

Scrubber drier



SGV 8/5

Steam vacuum cleaners

- EASY Operation selector switch
- Self-cleaning function
- Chemical function

Technical data

|                                   |           |
|-----------------------------------|-----------|
| Working width of brushes (mm)     | 350       |
| Working width, vacuuming (mm)     | 450       |
| Rated input power (W)             | 500       |
| Battery (V / Ah)                  | 25.2 / 21 |
| Battery runtime (h)               | max. 1.5  |
| Max. area performance (m²/h)      | 1400      |
| Practical area performance (m²/h) | 1050      |

Equipment

Roller brush ■ 2-tank system ■ Battery and built-in charger included ■ Variable contact pressure ■ Transport wheels ■ Squeegee, straight

Order no. 1.783-467.0

Price

Users must receive training on this device.

Technical data

|                                     |            |
|-------------------------------------|------------|
| Working width of brushes (mm)       | 850        |
| Working width, vacuuming (mm)       | 1180       |
| Tank of fresh/dirty water (l)       | 150/150    |
| Theoretical area performance (m²/h) | 5100       |
| Practical area performance (m²/h)   | 3600       |
| Brush rotational speed (rpm)        | 180 - 1300 |
| Battery (V / Ah)                    | 36/240     |

Equipment

Roller brush ■ Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Built-in charger ■ Battery and charger included ■ Automatic water stop ■ Tin

Order no. 1.246-033.0

Price

Users must receive training on this device.

Technical data

|                                     |         |
|-------------------------------------|---------|
| Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 1200    |
| Brush contact pressure (g/cm²)      | 500     |

Equipment

Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper

Order no. 1.161-419.0

Price

Users must receive training on this device.

Technical data

|                         |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 - 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 8    |
| Boiler temperature (°C) | max. 175  |
| Voltage (V)             | 220 - 240 |
| Frequency (Hz)          | 50 - 50   |

Equipment

Steam suction hose with handle ■ Steam tubes 2 × ■ Floor nozzle ■ Hand nozzle ■ Container material Plastic ■ Housing Stainless steel

Order no. 1.092-010.0

Price

Users must receive training on this device.

Recommended accessories

Round brush set  
**Order no. 2.863-011.0 / Price**  
Brush strips, 300 mm  
**Order no. 2.889-006.0 / Price**



SGV 6/5

Steam vacuum cleaners

- EASY Operation selector switch
- Convenient operation using the hand tool
- VapoHydro function



SG 4/4

Steam cleaner

- Certified disinfection
- Short heat-up time
- Pump for hot boiler filling



IVR-L 100/24-2 Me

Industrial vacuum

- Compact construction style that takes up very little floor space
- Stainless steel container



| Technical data          |           |
|-------------------------|-----------|
| Heating output (W)      | 3000      |
| Tank capacity (l)       | 5 - 5     |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 6    |
| Boiler temperature (°C) | max. 165  |
| Voltage (V)             | 220 - 240 |
| Frequency (Hz)          | 50        |

| Equipment  |  |
|--|--|
| Steam suction hose with handle ▪ Steam tubes 2 × ▪ Floor nozzle ▪ Hand nozzle ▪ Container material Plastic ▪ Housing Stainless steel |  |

| Order no. 1.092-000.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories  |  |
|--|--|
| Floor nozzle, 300 mm, with Pekalon brushes<br><b>Order no. 2.889-005.0 / Price</b> |  |
| Extension tube set, 0.530 m<br><b>Order no. 2.889-004.0 / Price</b>                |  |

| Technical data          |           |
|-------------------------|-----------|
| Heating output (W)      | 2300      |
| Tank capacity (l)       | 4         |
| Cable length (m)        | 7.5       |
| Steam pressure (bar)    | max. 4    |
| Boiler temperature (°C) | max. 145  |
| Voltage (V)             | 220 - 240 |
| Frequency (Hz)          | 50 - 60   |

| Equipment  |  |
|--|--|
| Steam suction hose with handle ▪ Steam tubes 2 × ▪ Floor nozzle 1x with slats, 1x with bristles ▪ Hand nozzle ▪ Round brush, black ▪ Upholstery nozzle with brush ▪ Power nozzle ▪ Detail nozzle |  |

| Order no. 1.092-104.0 |
|-----------------------|
| Price                 |

| Recommended accessories                               |  |
|---|--|
| Window nozzle<br><b>Order no. 2.863-025.0 / Price</b> |  |
| Hand nozzle<br><b>Order no. 2.884-280.0 / Price</b>   |  |

| Technical data              |                     |
|-----------------------------|---------------------|
| Supply voltage (Ph/V/Hz)    | 1/220 - 240/50 - 60 |
| Air flow (l/s/m³/h)         | 148/532             |
| Rated input power (kW)      | 2.4                 |
| Vacuuming type              | Electric            |
| Vacuum (mbar / kPa)         | 230/23              |
| Connection nominal diameter | ID 50               |
| Accessory nominal diameter  | ID 50/ID 40         |

| Equipment  |  |
|--|--|
| Accessories included in the scope of delivery no ▪ Container emptying Set-down trolley |  |

| Order no. 9.987-884.0 |
|-----------------------|
| Price                 |

Users must receive training on this device.

| Recommended accessories  |  |
|--|--|
| Surface filter PE L 0.45 m²<br><b>Order no. 9.988-256.0 / Price</b>                    |  |
| Filter basket, stainless steel, Ø 495 mm, 40 l<br><b>Order no. 9.980-849.0 / Price</b> |  |





# PRODUCTION-SUPPORT AREAS

The core element of every company is production. The upstream and downstream areas are just as important. The top priority should be getting rid of the dirt straight away when it occurs, thus preventing the carryover of dirt to the production process and safeguarding quality.

## CLEANING RECOMMENDATION

- 1 Delivery/incoming goods**  
In the delivery area, large floor areas must be kept clean in order to avoid dirt penetration to the production area. Sweepers and scrubber dryers are perfect here. Contaminated boxes or containers can be ready for use again quickly by using high-pressure cleaners.
- 2 Truck cleaning**  
Trucks for raw products should be deep cleaned after unloading in order to prevent bacteria spreading. This can be done quickly and efficiently for road tankers using stationary high-pressure cleaners with special cleaning heads. The exterior cleaning of the trucks can be carried out conveniently with a commercial vehicle wash system.
- 3 Tanks, silos and containers**  
Intermediate Bulk Containers are used as interim storage for raw products, are cleaned after use and reused. They help protect the environment. Kärcher supports this with cleaning stations for different sizes and contents in order to simplify the process.
- 4 Refrigerated warehouse**  
Cold storage rooms are particularly prone to the spread of germs, especially where (unpacked) foodstuffs are concerned. The constant filling and removal leads to the continuous ingress of dirt. As wet cleaning is not possible below 0°C, dry ice cleaning without water and chemicals is an alternative.
- 5 Packaging and storage**  
Regular warehouse cleaning is essential in order to protect stored materials, work equipment and employees. Depending on the size of the warehouse, push or ride-on sweepers or scrubber dryers can easily eliminate contamination in the warehouse.



### CLEAN AREAS IN AND AROUND PRODUCTION

The better the infrastructure is cleaned and the less dirt that is caused, the more efficient and better the maintenance cleaning and compliance with the required quality standards.

# SMOOTH PRODUCTION THROUGH CLEANLINESS

Kärcher is your partner when it comes to cleanliness: we tackle every challenge and clean all areas of the food industry quickly and effectively.



**B 110 R Bp Pack 170Ah+Dose+R75**

Scrubber drier

| Technical data                      |         |
|-------------------------------------|---------|
| Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 1200    |
| Brush contact pressure (g/cm²)      | 500     |

| Equipment  |  |
|--|--|
| Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper |  |

| Order no. 1.161-419.0                       |  |
|---|--|
| Price                                       |  |
| Users must receive training on this device. |  |



**MIC 26C Adv**

Implement carriers

- Comfortable driver cabin
- Heating
- Air conditioning (optional)

| Technical data               |                    |
|------------------------------|--------------------|
| Drive                        | Diesel             |
| Traction drive               | Four-stroke engine |
| Motor manufacturer           | Yanmar             |
| Drive- performance (kW / hp) | 18.9/26            |
| Cubic capacity (cm³)         | 1116               |
| Cylinder                     | 3                  |
| Emissions standard           | STAGE V            |

| Equipment  |  |
|--|--|
| Heating ■ Waste container 700 l ■ Flashing lights ■ Year-round use |  |

| Order no. 1.442-211.2                       |  |
|---|--|
| Price                                       |  |
| Users must receive training on this device. |  |



KM 125/130 R Bp Pack

Vacuum sweeper



KM 105/180 R Bp Classic

Vacuum sweeper

- Robust steel chassis for tough industrial applications
- Simple brush roller replacement without tools
- Traction drive and sweeping system fully hydraulic



KM 100/100 R Bp Pack

Vacuum sweeper

- Automatic filter cleaning system
- Electric traction drive
- Emission-free operation



KM 85/50 W Bp Pack

Vacuum sweeper

- Compact design for maximum manoeuvrability
- Simple brush roller replacement without tools
- Reverse mode, operating hours counter and floating main sweeper roller

Technical data

|  |           |
|--|-----------|
| Traction drive                                   | Hydraulic |
| Drive- performance (V / kW)                      | 24 / 0.8  |
| Drive type                                       | Battery   |
| Max. area performance (m²/h)                     | 10000     |
| Max. area performance with 2 side brushes (m²/h) | 13600     |
| Working width (mm)                               | 880       |
| Working width with 1 side brush (mm)             | 1250      |

Equipment

Filter cleaning automatic ▪ Coarse dirt flap ▪ Overhead sweeping principle ▪ Forwards traction drive ▪ Backwards traction drive ▪ Suction ▪ Hydr. high dump ▪ Outdoor use

Order no. 1.280-150.2

Price

Technical data

|  |          |
|--|----------|
| Drive type                               | Electric |
| Traction drive                           | DC motor |
| Drive- performance (V / kW)              | 36 / 2.5 |
| Max. area performance (m²/h)             | 6300     |
| Working width (mm)                       | 780      |
| Working width with 1 side brush (mm)     | 1050     |
| Working width with two side brushes (mm) | 1300     |

Equipment

Pocket filter ▪ Filter cleaning manual ▪ Filter cleaning automatic ▪ Main sweeper roller adjustable ▪ Main sweeper roller, floating ▪ Suction volume regulation ▪ Dustpan principle ▪ Forwards traction drive

Order no. 1.186-050.0

Price

Users must receive training on this device.

Recommended accessories

Blue spotlight

Order no. 2.852-802.0 / Price

Protective roof

Order no. 2.852-807.0 / Price

Holder for NT 22/1 Ap Bp vacuum cleaner

Order no. 2.852-814.0 / Price

Attachment kit 2nd side brush, left

Order no. 2.852-808.0 / Price

Technical data

|  |          |
|--|----------|
| Traction drive                                   | DC motor |
| Drive- performance (V / kW)                      | 24 / 2.1 |
| Drive type                                       | Electric |
| Max. area performance (m²/h)                     | 6000     |
| Max. area performance with 2 side brushes (m²/h) | 7800     |
| Working width (mm)                               | 700      |
| Working width with 1 side brush (mm)             | 1000     |

Equipment

Polyester round filter ▪ Filter cleaning manual ▪ Filter cleaning automatic ▪ Main sweeper roller, floating ▪ Suction volume regulation ▪ Coarse dirt flap ▪ Battery and built-in charger included ▪ Overhead sweeping principle

Order no. 1.280-112.0

Price

Users must receive training on this device.

Recommended accessories

Working lights

Order no. 2.640-551.0 / Price

Protective roof for operators with flashing beacon

Order no. 2.640-496.7 / Price

ABS 2. Side brush, left

Order no. 2.851-050.0 / Price

Technical data

|  |          |
|--|----------|
| Drive type                               | Electric |
| Drive                                    | DC motor |
| Drive- performance (V / W)               | 24 / 912 |
| Max. area performance (m²/h)             | 3825     |
| Working width (mm)                       | 615      |
| Working width with 1 side brush (mm)     | 850      |
| Working width with two side brushes (mm) | 1050     |

Equipment

Polyester flat pleated filter ▪ Filter cleaning manual ▪ Forwards traction drive ▪ Backwards traction drive ▪ Main sweeper roller, floating ▪ Waste container, mobile ▪ Coarse dirt flap ▪ Overhead sweeping principle

Order no. 1.351-117.0

Price

Users must receive training on this device.

Recommended accessories

Attachment kit, 2nd left side brush

Order no. 2.850-266.0 / Price



KM 70/20 C 2SB

Sweeper

- Roller brush driven by both wheels
- Push handle adjustable in 3 positions
- Roller brush and side brushes continuously adjustable



B 300 R I LGP + SB right

Scrubber drier

- Extremely robust and long-lasting for hard work
- Compact and extremely manoeuvrable
- Extra-large filter area



B 250 R +R100+Dose+630Ah+SB

Scrubber drier

- Heavy-duty equipment
- High area performance
- Roller technology with integrated sweeping mechanism



B 150 R Bp Pack + DOSE + SB + 240 Ah Wet + Rins + R85

Scrubber drier

- Compact and agile
- EASY Operation selector switch

| Technical data                           |        |
|--|--------|
| Drive type                               | manual |
| Max. area performance (m²/h)             | 3680   |
| Working width (mm)                       | 480    |
| Working width with 1 side brush (mm)     | 700    |
| Working width with two side brushes (mm) | 920    |
| Tank volume, gross/net (l)               | 42/20  |
| Weight (with accessories) (kg)           | 23     |

| Equipment   |
|---|
| Fine dust filter ▪ Sweeper drive, manual ▪ Main sweeper roller adjustable ▪ Foldable push handle ▪ Dustpan principle ▪ Outdoor use ▪ Indoor use |

| Technical data                      |             |
|-------------------------------------|-------------|
| Working width of brushes (mm / )    | 1045 – 1400 |
| Working width, vacuuming (mm)       | 1440        |
| Tank of fresh/dirty water (l)       | 300/300     |
| Theoretical area performance (m²/h) | 16550       |
| Practical area performance (m²/h)   | 12400       |
| Brush rotational speed (rpm)        | 460         |
| Brush contact pressure (kg)         | 25 – 150    |

| Equipment   |
|---|
| Roller brush ▪ Powerful traction drive ▪ Parking brake ▪ Integrated sweeper ▪ Sweeping function ▪ Squeegee, curved ▪ Side brush ▪ 2-tank system |

| Order no. 1.517-107.0 |
|-----------------------|
| Price                 |

| Order no. 0.300-401.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Technical data                    |            |
|-----------------------------------|------------|
| Working width of brushes (mm)     | 1000       |
| Tank of fresh/dirty water (l)     | 250/250    |
| Theoretical area performance (m²) | 8000       |
| Practical area performance (m²)   | 6000       |
| Brush rotational speed (rpm)      | 600 – 1200 |
| Brush contact pressure (g/cm²)    | 260 – 150  |
| Battery (V /Ah)                   | 36/630     |

| Equipment   |
|---|
| Roller brush ▪ Powerful traction drive ▪ Battery ▪ Battery and charger included ▪ Automatic water stop ▪ Tin ▪ Integrated sweeper ▪ Adjustable steering wheel |

| Order no. 0.300-293.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |

| Recommended accessories                                      |
|--|
| Squeegee, 1200 mm, V-shaped<br>Order no. 4.777-085.0 / Price |

| Technical data                      |            |
|-------------------------------------|------------|
| Working width of brushes (mm)       | 850        |
| Working width, vacuuming (mm)       | 1180       |
| Tank of fresh/dirty water (l)       | 150/150    |
| Theoretical area performance (m²/h) | 5100       |
| Practical area performance (m²/h)   | 3600       |
| Brush rotational speed (rpm)        | 180 – 1300 |
| Battery (V /Ah)                     | 36/240     |

| Equipment  |
|--|
| Roller brush ▪ Auto Fill ▪ Patented tank rinsing system ▪ Powerful traction drive ▪ Built-in charger ▪ Battery and charger included ▪ Automatic water stop ▪ Tin |

| Order no. 1.246-033.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BD 80/100 W Classic Bp Pack 285Ah

Scrubber drier

- Extremely robust and durable components for tough applications
- Very simple, intuitive operating concept
- Powerful battery and off-board battery charger included in the scope of supply

| Technical data                      |                     |
|-------------------------------------|---------------------|
| Working width of brushes (mm)       | 810                 |
| Working width, vacuuming (mm)       | 1090                |
| Max. area performance (m²/h)        | 4050                |
| Practical area performance (m²)     | 1944                |
| Tank of fresh/dirty water (l)       | 100/100             |
| Brush contact pressure (g/cm² / kg) | 21.3 - 36.2/40 - 68 |
| Brush rotational speed (rpm)        | 180                 |

| Equipment  |
|--|
| Disc brush ■ Powerful traction drive ■ Battery and charger included ■ squeegee, angled ■ 2-tank system ■ Motor Battery |

| Order no. 1.127-018.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier

| Technical data                |       |
|-------------------------------|-------|
| Working width of brushes (mm) | 510   |
| Working width, vacuuming (mm) | 850   |
| Max. area performance (m²/h)  | 2550  |
| Tank of fresh/dirty water (l) | 55/55 |
| Brush contact pressure (kg)   | 27    |
| Brush rotational speed (rpm)  | 180   |
| Traction motor (W)            | 130   |

| Equipment  |
|--|
| Disc brush ■ Powerful traction drive ■ Battery and charger included ■ 2-tank system ■ robust aluminium die-cast suction bar ■ Motor Battery ■ Type of suction lips Linatex® ■ Kärcher colour and operating concept |

| Order no. 1.127-063.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar

| Technical data                    |           |
|-----------------------------------|-----------|
| Working width of brushes (mm)     | 350       |
| Working width, vacuuming (mm)     | 450       |
| Rated input power (W)             | 500       |
| Battery (V / Ah)                  | 25.2 / 21 |
| Battery runtime (h)               | max. 1.5  |
| Max. area performance (m²/h)      | 1400      |
| Practical area performance (m²/h) | 1050      |

| Equipment  |
|--|
| Roller brush ■ 2-tank system ■ Battery and built-in charger included ■ Variable contact pressure ■ Transport wheels ■ Squeegee, straight |

| Order no. 1.783-467.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |





# INFRASTRUCTURE

Hygiene is not only important for the attractiveness of the place of work, but especially for the health and safety of employees.

## CLEANING RECOMMENDATION

- 1 Company premises**  
In order to guarantee a well-kept and clean external appearance, entrances, routes, as well as loading and parking areas must be cleaned regularly. Adapted to the size of the area, the solutions range from small push sweepers through to large implement carriers with changeable implements.
- 2 Offices and social rooms**  
A healthy work environment for employees is primarily guaranteed through regular cleaning. And the health of the cleaning staff is also paramount. Easy-to-use and functional work materials are essential, ideally stored ergonomically on a cleaning trolley.
- 3 Canteens and shops**  
A canteen is connected to many businesses. Food handling demands the highest hygiene standards. Food dispensing areas as well as counter areas can be cleaned hygienically with steam cleaners – without any chemicals.
- 4 Washrooms**  
Sanitary facilities are particularly critical areas when it comes to building cleaning. Surface cleaning is not enough. As many pathogenic germs are not visible, careful and precise cleaning is essential in order to eliminate sources of infection.
- 5 Cleaning agents and manual cleaning**  
Kärcher has a large range of cleaning agents, designed for every requirement for the manual cleaning of surfaces, windows, floors and walls. Specially designed cleaning agents are also used for the professional machines.

## ESSENTIAL FOR SUCCESS

The basic prerequisite for a safe and successful company is hygiene. Cleanliness is important for the appearance, employee satisfaction and the safety of all staff.

# STRUCTURED CLEANING

Different operations, different infrastructures, different types of cleaning. From manual cleaning with wiping mop and floor wipe through to the large commercial vehicle wash system – Kärcher assists you in all areas.



## B 150 R Bp Pack + DOSE + SB + 240 Ah Wet + Rins + R85

### Scrubber drier

- Compact and agile
- EASY Operation selector switch

#### Technical data

|                                     |            |
|-------------------------------------|------------|
| Working width of brushes (mm)       | 850        |
| Working width, vacuuming (mm)       | 1180       |
| Tank of fresh/dirty water (l)       | 150/150    |
| Theoretical area performance (m²/h) | 5100       |
| Practical area performance (m²/h)   | 3600       |
| Brush rotational speed (rpm)        | 180 - 1300 |
| Battery (V/Ah)                      | 36/240     |

#### Equipment

Roller brush ▪ Auto Fill ▪ Patented tank rinsing system ▪ Powerful traction drive ▪ Built-in charger ▪ Battery and charger included ▪ Automatic water stop ▪ Tin

Order no. 1.246-033.0

#### Price

Users must receive training on this device.



## MIC 70

### Implement carriers

- Efficient 2-speed traction drive
- Powerful, hydraulic all-wheel drive
- Traction control with optional differential locks

#### Technical data

|                              |                               |
|------------------------------|-------------------------------|
| Drive                        | Diesel                        |
| Traction drive               | Four-cylinder engine with DPF |
| Motor manufacturer           | Kubota                        |
| Drive- performance (kW / hp) | 48 / 66                       |
| Cubic capacity (cc³)         | 2434                          |
| Cylinder                     | 4                             |
| Emissions standard           | STAGE V                       |

#### Equipment

Particulate filter ▪ Air conditioning system ▪ Heating ▪ Flashing lights ▪ Year-round use

Order no. 1.442-240.2

#### Price

Users must receive training on this device.



MIC 26C Adv

Implement carriers

- Comfortable driver cabin
- Heating
- Air conditioning (optional)



KM 100/100 R Bp Pack

Vacuum sweeper

- Automatic filter cleaning system
- Electric traction drive
- Emission-free operation



KM 85/50 R Bp Pack

Vacuum sweeper

- Compact design for maximum manoeuvrability
- Easy and intuitive operation
- Retractable side brush



KM 75/40 W Bp Pack

Vacuum sweeper

- Waste container with trolley handle
- Roller brush replacement without tools
- Effective filter cleaning system with filter replacement on the clean side without tools

Technical data

|                              |                    |
|------------------------------|--------------------|
| Drive                        | Diesel             |
| Traction drive               | Four-stroke engine |
| Motor manufacturer           | Yanmar             |
| Drive- performance (kW / hp) | 18.9 / 26          |
| Cubic capacity (cm³)         | 1116               |
| Cylinder                     | 3                  |
| Emissions standard           | STAGE V            |

Technical data

|  |          |
|--|----------|
| Traction drive                                   | DC motor |
| Drive- performance (V / kW)                      | 24 / 2.1 |
| Drive type                                       | Electric |
| Max. area performance (m²/h)                     | 6000     |
| Max. area performance with 2 side brushes (m²/h) | 7800     |
| Working width (mm)                               | 700      |
| Working width with 1 side brush (mm)             | 1000     |

Equipment

Heating ■ Waste container 700 l ■ Flashing lights ■ Year-round use

Equipment

Polyester round filter ■ Filter cleaning manual ■ Filter cleaning automatic ■ Main sweeper roller, floating ■ Suction volume regulation ■ Coarse dirt flap ■ Battery and built-in charger included ■ Overhead sweeping principle

Order no. 1.442-211.2

Price

Users must receive training on this device.

Order no. 1.280-112.0

Price

Users must receive training on this device.

Recommended accessories

Working lights

Order no. 2.640-551.0 / Price

Protective roof for operators with flashing beacon

Order no. 2.640-496.7 / Price

ABS 2. Side brush, left

Order no. 2.851-050.0 / Price

Side brush, left

Order no. 2.851-050.7 / Price

Technical data

|  |           |
|--|-----------|
| Traction drive                                   | DC motor  |
| Drive- performance (V / W)                       | 24 / 1000 |
| Drive type                                       | Electric  |
| Max. area performance (m²/h)                     | 5100      |
| Max. area performance with 2 side brushes (m²/h) | 6510      |
| Working width (mm)                               | 615       |
| Working width with 1 side brush (mm)             | 850       |

Equipment

Filter cleaning manual ■ Filter cleaning mechanical ■ Main sweeper roller, floating ■ Suction volume regulation ■ Coarse dirt flap ■ Battery and built-in charger included ■ Overhead sweeping principle ■ Forwards traction drive

Order no. 1.351-127.0

Price

Users must receive training on this device.

Recommended accessories

Home Base Kit litter picker

Order no. 2.852-497.0 / Price

Flashing beacon

Order no. 2.852-500.0 / Price

Add-on kit revolving signal light

Order no. 2.852-500.7 / Price

Attachment kit 2nd side brush, left

Order no. 2.852-321.0 / Price

Technical data

|                                      |          |
|--------------------------------------|----------|
| Drive type                           | Electric |
| Drive                                | DC motor |
| Drive- performance (V / W)           | 24 / 400 |
| Max. area performance (m²/h)         | 3375     |
| Working width (mm)                   | 550      |
| Working width with 1 side brush (mm) | 750      |
| Waste container (l)                  | 40       |

Equipment

Polyester flat pleated filter ■ Filter cleaning manual ■ Forwards traction drive ■ Main sweeper roller adjustable ■ Waste container, mobile ■ Coarse dirt flap ■ Battery and built-in charger included ■ Foldable push handle

Order no. 1.049-207.0

Price

Users must receive training on this device.



BD 80/100 W Classic Bp Pack 285Ah

Scrubber drier

- Extremely robust and durable components for tough applications
- Very simple, intuitive operating concept
- Powerful battery and off-board battery charger included in the scope of supply

| Technical data                      |                     |
|-------------------------------------|---------------------|
| Working width of brushes (mm)       | 810                 |
| Working width, vacuuming (mm)       | 1090                |
| Max. area performance (m²/h)        | 4050                |
| Practical area performance (m²)     | 1944                |
| Tank of fresh/dirty water (l)       | 100/100             |
| Brush contact pressure (g/cm² / kg) | 21.3 - 36.2/40 - 68 |
| Brush rotational speed (rpm)        | 180                 |

| Equipment  |
|--|
| Disc brush ■ Powerful traction drive ■ Battery and charger included ■ squeegee, angled ■ 2-tank system ■ Motor Battery |

| Order no. 1.127-018.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BD 50/55 W Classic Bp Pack 115Ah

Scrubber drier

| Technical data                |       |
|-------------------------------|-------|
| Working width of brushes (mm) | 510   |
| Working width, vacuuming (mm) | 850   |
| Max. area performance (m²/h)  | 2550  |
| Tank of fresh/dirty water (l) | 55/55 |
| Brush contact pressure (kg)   | 27    |
| Brush rotational speed (rpm)  | 180   |
| Traction motor (W)            | 130   |

| Equipment  |
|--|
| Disc brush ■ Powerful traction drive ■ Battery and charger included ■ 2-tank system ■ robust aluminium die-cast suction bar ■ Motor Battery ■ Type of suction lips Linatex® ■ Kärcher colour and operating concept |

| Order no. 1.127-063.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



BR 35/12 C Bp Pack

Scrubber drier

- Energy-saving ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar

| Technical data                    |           |
|-----------------------------------|-----------|
| Working width of brushes (mm)     | 350       |
| Working width, vacuuming (mm)     | 450       |
| Rated input power (W)             | 500       |
| Battery (V / Ah)                  | 25.2 / 21 |
| Battery runtime (h)               | max. 1.5  |
| Max. area performance (m²/h)      | 1400      |
| Practical area performance (m²/h) | 1050      |

| Equipment  |
|--|
| Roller brush ■ 2-tank system ■ Battery and built-in charger included ■ Variable contact pressure ■ Transport wheels ■ Squeegee, straight |

| Order no. 1.783-467.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



B 300 R I LGP + SB right

Scrubber drier

- Extremely robust and long-lasting for hard work
- Compact and extremely manoeuvrable
- Extra-large filter area

| Technical data                      |             |
|-------------------------------------|-------------|
| Working width of brushes (mm / )    | 1045 - 1400 |
| Working width, vacuuming (mm)       | 1440        |
| Tank of fresh/dirty water (l)       | 300/300     |
| Theoretical area performance (m²/h) | 16550       |
| Practical area performance (m²/h)   | 12400       |
| Brush rotational speed (rpm)        | 460         |
| Brush contact pressure (kg)         | 25 - 150    |

| Equipment   |
|---|
| Roller brush ■ Powerful traction drive ■ Parking brake ■ Integrated sweeper ■ Sweeping function ■ Squeegee, curved ■ Side brush ■ 2-tank system |

| Order no. 0.300-401.0                       |
|---|
| Price                                       |
| Users must receive training on this device. |



B 250 R +R100+Dose+630Ah+SB

Scrubber drier

- Heavy-duty equipment
- High area performance
- Roller technology with integrated sweeping mechanism

Technical data

|                                   |            |
|-----------------------------------|------------|
| Working width of brushes (mm)     | 1000       |
| Tank of fresh/dirty water (l)     | 250/250    |
| Theoretical area performance (m²) | 8000       |
| Practical area performance (m²)   | 6000       |
| Brush rotational speed (rpm)      | 600 – 1200 |
| Brush contact pressure (g/cm²)    | 260 – 150  |
| Battery (V /Ah)                   | 36/630     |

Equipment

Roller brush ■ Powerful traction drive ■ Battery ■ Battery and charger included ■ Automatic water stop ■ Tin ■ Integrated sweeper ■ Adjustable steering wheel

Order no. 0.300-293.0

Price

Users must receive training on this device.

Recommended accessories

Squeegee, 1200 mm, V-shaped  
Order no. 4.777-085.0 / Price



B 110 R Bp Pack 170Ah+Dose+R75

Scrubber drier

Technical data

|                                     |         |
|-------------------------------------|---------|
| Working width of brushes (mm)       | 750     |
| Working width, vacuuming (mm)       | 950     |
| Tank of fresh/dirty water (l)       | 110/110 |
| Theoretical area performance (m²/h) | 4500    |
| Practical area performance (m²/h)   | 3150    |
| Brush rotational speed (rpm)        | 1200    |
| Brush contact pressure (g/cm²)      | 500     |

Equipment

Auto Fill ■ Patented tank rinsing system ■ Powerful traction drive ■ Battery and built-in charger included ■ Automatic water stop ■ Tin ■ Parking brake ■ Integrated sweeper

Order no. 1.161-419.0

Price

Users must receive training on this device.



WPD 200 Advanced stand-alone unit

Water dispenser

Technical data

|  |                |
|--|----------------|
| Voltage (Ph/V /Hz)                               | 1/220 – 240/50 |
| Water output, ambient (l/h)                      | 120            |
| Water output, chilled (l/h)                      | 40             |
| Water output, chilled with CO <sub>2</sub> (l/h) | 40             |
| Coolant  | R290           |
| CO <sub>2</sub> content in the water (g/l)       | 4.5 – 6.5      |
| Hot water  | yes            |

Equipment

Automatic thermal disinfection ■ Automatic rinsing process ■ "Active Pure" active carbon filter ■ Hy-Protect ultra filter ■ Water dispenser with contact protection ■ Portioning the water volume for glasses, bottles or jugs ■ Positioning aid for the drinking vessel ■ Drip tray with filling level indicator

Order no. 9.701-629.0

Price



WPD 200 Advanced table top unit

Water dispenser

Technical data

|  |                |
|--|----------------|
| Voltage (Ph/V /Hz)                               | 1/220 – 240/50 |
| Water output, ambient (l/h)                      | 120            |
| Water output, chilled (l/h)                      | 40             |
| Water output, chilled with CO <sub>2</sub> (l/h) | 40             |
| Coolant  | R290           |
| CO <sub>2</sub> content in the water (g/l)       | 4.5 – 6.5      |
| Hot water  | yes            |

Equipment

Automatic thermal disinfection ■ Automatic rinsing process ■ "Active Pure" active carbon filter ■ Hy-Protect ultra filter ■ Water dispenser with contact protection ■ Portioning the water volume for glasses, bottles or jugs ■ Positioning aid for the drinking vessel ■ Drip tray with filling level indicator

Order no. 9.701-631.0

Price



# TAKE IT EASY

Zero holding strength. No tiring. No stress. The EASY!Force HP trigger gun protects joints, muscles and the entire body. In the comparison test, our EASY!Force impressed all users, both men and women. Our EASY!Force high-pressure gun will relieve you and enable you to work more effectively without tiring.  
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# UNIQUELY INNOVATIVE

Cleaning machines in an ongoing process, without disassembly and without down - times. The industry needs this to assure product quality and clean economically. The IB 10/8 L2P makes all this possible.

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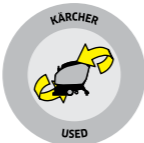
Almost everything can be so much easier when talents are combined. Because it is more successful to pursue objectives together, complement each other and learn from each other. You could call it the principle of progress. We call it Kärcher Services. A promise of partnership. By professionals for professionals.



**Kärcher Services:**  
The complete service package from the global leader. And the perfect continuation of the progressive Kärcher system with innovative tools, customised service offers and high-performance software solutions.



**Kärcher Lease – Leasing**  
Customised. Flexible. Safe. We give you the flexibility you need: with leasing and financing models for every requirement.



**Kärcher Used – Used machines**  
When used or second-hand is what you need. Starting up? Or simply want to save costs? We have the right used machine for you. Used, generally reconditioned, good and affordable. Offers are constantly changing. Ask us.



**Kärcher Service – Customer Service**  
Service means trust. At all times. Services you actually need. Fast response for maximum availability. Maximum value retention and compliance with all statutory requirements.



**Kärcher Rent – Renting**  
Just the machine you need. Rent instead of buying. And get more: expertise and Kärcher Full Service in one package.



**Kärcher Maintain – Service packages**  
Every service package is tailored precisely to a defined requirement. The range of services includes inspections as part of prescribed safety tests, timely maintenance and flat-rate full service.



Please contact us for more information:

