

KÄRCHER PROFESSIONAL 2018



HOT WATER HIGH-PRESSURE CLEANERS

HDS Super Class HDS Middle Class HDS Compact Class HDS Upright Class

HDS with combustion engine HDS Trailer HDS Special Class

WET AND DRY VACUUM CLEANERS

Tact Class **NEW** Ap Class Standard Class

NEW NT Classic Safety vacuum cleaners Special vacuums

CARPET CLEANERS

Spray extraction machines 30-litre class Spray extraction machines 10-litre class Spray extraction machines 8-litre class

Professional power brush for spray extraction machines **NEW** Air blower Intermediate carpet cleaners

Deep carpet cleaners - 45 cm Deep carpet cleaners - 40 cm Deep carpet cleaners - 30 cm

SCRUBBERS/SCRUBBER DRIERS

Combined 300/250-litre sweeper/scrubbing machine class Ride-on 200 to 150-litre class Ride-on 90 to 70-litre class

Step-on 95 to 40-litre class Walk-behind 120-litre class Walk-behind 80 to 60-litre class

Walk-behind 40-litre class Compact 50 to 25-litre class Compact 22 to 12-litre class

VACUUM SWEEPERS AND MUNICIPAL IMPLEMENT CARRIERS

Vacuum sweepers middle class

NEW Vacuum sweepers compact class Light waste vacuum cleaners

Municipal implement carriers heavy implement carriers Municipal implement carriers middle class

NEW Municipal implement carriers compact class Municipal implement carriers compact class

SYSTEM SOLUTION FOR CONTAINER CLEANING

System solution tank, silo and container cleaning Modular controls

Modular industrial pumps **NEW** interior cleaning heads **NEW** Mobile and stationary high-pressure pumps

Modular hot water generators Ultra-high-pressure interior cleaning heads Complete tank interior cleaning system

eco!zero eco!efficiency

eco!zero
Climate-neutral cleaning
100% carbon offset

eco!efficiency
Achieve more with efficiency

COLD WATER HIGH-PRESSURE CLEANERS

HD Super Class **NEW** HD Middle Class HD Compact Class HD Portable Class

HD Gasoline Advanced HD Gasoline Classic HD Classic **NEW** Hot-water generator

INDUSTRIAL VACUUMS

Super Class **NEW** Middle Class Compact Class

Ex vacuums Build-in units Liquid and swarf vacuums

STEAM CLEANERS AND STEAM VACUUM CLEANERS

Steam cleaner Steam vacuum cleaners **NEW** Battery-powered chewing gum remover Accessories

MANUAL CLEANING EQUIPMENT

Single-disc machines Staircase/escalator cleaners Polishing machines compact class

Compact 10-litre class Compact 4-litre class Mopvac 10-litre class

PARK & CITY SOLUTIONS

NEW Hedge trimmer Leaf blower String trimmer Chainsaw Batteries

WATER RECLAMATION

Water reclamation for vehicle wash plants Water reclamation for high-pressure cleaners Water reclamation system for high-pressure cleaners

CONNECTED CLEANING

Connected Cleaning
Digital solutions for connected cleaning

Kärcher Fleet
Fleet management

Kärcher Manage
Management of manual cleaning

STATIONARY HIGH-PRESSURE CLEANERS

Stationary hot water high-pressure cleaners Stationary multiple lance systems Stationary cold water high-pressure cleaners **NEW** Stationary HD middle class

DRY VACUUM CLEANERS

eco!efficiency Standard T Classic

Battery-operated dry vacuum cleaners Battery-operated backpack vacuums Upright brush-type vacuum cleaners Electric brooms

MANUAL CLEANING EQUIPMENT

Floors Surfaces Windows

Transport, cleaning and mobile bucket carts

Accessories

SWEEPERS/VACUUM SWEEPERS

NEW Ride-on industrial 170 to 120-cm class Ride-on 125 to 105-cm class Ride-on 100-cm class

Ride-on 90-cm class Ride-on 85-cm class **NEW** Walk-behind 85-cm class Walk-behind 75-cm class

Front sweeper 80-cm class Push 70-cm comfort class Push 70-cm class

VEHICLE CLEANING

Gantry car washes Commercial vehicle washes

Self-service prewash units **NEW** Self-service wash systems

Steel framework for self-service wash bays Forecourt units Self-service vacuum cleaners

DRY ICE CLEANING

Super Class Compact Class Dry ice pelletizers

PARTS CLEANING

Biological parts cleaning Automatic parts cleaning

WORK PROTECTION

Safety goggles and protective gloves Hearing and head protection Work protection suits

SERVICES

Kärcher Maintain
Service packages

Kärcher Rent
Rental

Kärcher Service
Customer service

Kärcher All Brands Service
Brand-independent service

Kärcher Used
Refurbished machines

Kärcher Original Spare Parts
Original spare parts

CLEANING AND CARE AGENTS - FOR ANY APPLICATION

PressurePro Machine Protector Advance 1 RM 110 Active Cleaner, alkaline RM 81 Solar Cleaner RM 99

CarpetPro Dry Cleaner RM 766 Cleaner RM 760 tablets / powder Conditioner RM 763 Protector RM 762

FloorPro Multi Cleaner RM 756 Deep Cleaner RM 69 Intensive Deep Cleaner Extra RM 752 Allround Deep Cleaner RM 754

SanitPro Cleaning agent line Premium for washrooms

SurfacePro Cleaning agent line Premium for surfaces

VehiclePro Brush Shampoo RM 891 Premium Shine Wax RM 894 Premium Drying Aid RM 893 Premium

PartsPro Parts Cleaner PC Bio 10

WaterPro Separating Agent, powder RM 846

TankPro Cleaner, acidic RM 870 Cleaner, alkaline RM 875 Cleaner, Polymer RM 880

TECHNICAL DATA AT A GLANCE

HOT WATER HIGH-PRESSURE CLEANERS						
	Supply voltage (phase)	Connection load (kW)	Flow rate (l/min)	Working pressure (bar /MPa)	Max. temperature (°C)	
HDS Super Class						
HDS 13/20-4.5 SX	3	9.3	600-1300	30-200/3-20	80/155	
HDS 12/18-4.5 SX	3	8.4	600-1200	30-180/3-18	80/155	
HDS Middle Class						
HDS 10/20-4 M MX	3	7.8	500-1000	30-200/3-20	80/155	
HDS 9/18-4 M MX	3	6.4	450-900	30-180/3-18	80/155	
HDS 8/18-4 M MX	3	5.5	400-800	30-180/3-18	80/155	
HDS 7/12-4 M MX	1	3.4	350-700	30-120/3-12	80/155	
HDS Compact Class						
HDS 9/18-4 C I CX	3	6	300-800	30-180/3-18	80/155	
HDS 8/17-1 C CX	3	5.7	290-760	30-170/3-17	80	
HDS 7/16-1 C CX	3	4.7	270-660	30-160/3-16	80	
HDS 6/14-1 C CX	1	3.6	240-560	30-140/3-14	80/155	
HDS 5/14-1 C CX	1	3.6	240-560	30-140/3-14	80	
HDS 5/12-1 C	1	2.9	500	120/12	80	
HDS Tritec Class						
HDS 9/15 U I UX	1	2.7	450	150/15	80	
HDS 5/13 U I UX	1	2.6	500	125/12.5	80	
HDS 5/11 U I UX	1	2.2	450	110/11	80	
HDS Tritec						
HDS 9/50 De Tr1	-	-	500-800	150-500/15-50	85/98	
HDS 9/35 De Tr1	-	-	650-1300	100-350/10-35	85/98	
HDS 17/20 De Tr1	-	-	900-1700	70-200/7-20	80/98	
HDS 13/20 De Tr1	-	-	900-1300	50-200/5-20	85/98	
HDS Special Class						
HDS 2000 Super	3	2 + 6.7	800-1850	30-180/3-18	80/98	
HDS 8/16-4 M 36 kW	3	41.5	300-760	30-160/3-16	58/85	
HDS 8/16-4 M 24 kW	3	29.5	300-760	30-160/3-16	45/85	
HDS 8/16-4 M 12 kW	3	17.5	300-760	30-160/3-16	30/85	
HDS with combustion engine						
HDS 1000 De	-	-	450-900	40-200/4-20	98/80	
HDS 1000 Be	-	-	450-900	40-210/4-21	98/80	
HDS 801 B I B	-	-	600	140/14	80	

COLD WATER HIGH-PRESSURE CLEANERS						
	Supply voltage (phase)	Connection load (kW)	Flow rate (l/min)	Max. pressure (bar /MPa)	Working pressure (bar /MPa)	
HD Super Class						
HD 17/14-4 S Plus 1 SX Plus	3	9.4	650-1700	154/15.4	30-140/3-14	
HD 13/18-4 S Plus 1 SX Plus	3	9.2	650-1300	198/19.8	30-180/3-18	
HD 10/25-4 S Plus 1 SX Plus	3	9.2	500-1000	275/27.5	30-250/3-25	
HD 10/25-4 S Plus 1 SX Plus	3	7.8	1000	272/27.2	250/25	
HD Middle Class						
HD 9/20-4 M Plus 1 MX Plus	3	7	450-900	210/21	40-200/4-20	
HD 8/18-4 M Plus 1 MX Plus	3	4.8	760	230/23	30-180/3-18	
HD 7/16-4 M Plus 1 MX Plus	3	4.2	700	220/22	30-160/3-16	
HD 6/17-4 M Plus 1 MX Plus	3	4.2	700	220/22	170/17	
HD 7/14-4 M Plus 1 MX Plus	3	3.4	700	190/19	140/14	
HD 5/15-4 M Plus 1 MX Plus	1	3.1	560	200/20	150/15	
HD Compact Class						
HD 6/13-1 C Plus 1 CX Plus	1	3	500	200/20	170/17	
HD 5/12-1 C Plus 1 CX Plus	1	2.9	560	190/19	130/13	
HD 5/15-1 C Plus 1 CX Plus	1	2.8	500	200/20	150/15	
HD 5/12-1 C Plus 1 CX Plus	1	2.5	500	175/17.5	120/12	
HD Portable Class						
HD 5/11 P I P Plus	1	2.2	490	160/16	110/11	
HD Special Class						
HD 25/15-4 Cage Plus	3	12.5	500-2500	190/19	30-150/3-15	
HD 20/15-4 Cage Plus	3	11	500-2000	190/19	30-150/3-15	
HD 16/15-4 Cage Plus	3	9.5	500-1600	190/19	30-150/3-15	
HD 10/25-4 Cage Plus	3	9.2	1000	272/27.2	250/25	
HD 715	3	4.7	250-700	175/17.5	10-150/1-15	
HD 600	3	1	240-650	125/12.5	10-130/1-11	
HD 10/16-4 Cage Ex	3	1.5	1000	220/22	150/15	
HD 10/15-4 Cage Food	3	6.4	440-990	175/17.5	20-145/2-14.5	
HD 10/10 CXF	3	4.5	250-700	120/12	10-100/1-10	
HD with combustion engine						
HD 9/21-1 C	-	-	400-930	250/25	40-230/4-23	
HD 9/21-1 C	-	-	200-850	250/25	10-210/1-21	
HD 8/20 G	-	-	200-750	230/23	10-200/1-20	
HD 7/15 G	-	-	650	160/16	150/15	
HD 7/28 B	-	-	650	160/16	150/15	
HD Classic						
HD 9/20-4 Classic	3	6.9	520-900	240/24	70-200/7-20	
HD 7/18-4 Classic	3	4.9	520-700	220/22	70-180/7-18	
HD 6/15-4 Classic	1	3.4	450-600	190/19	70-150/7-15	
HD 7/14-4 Classic	1	2.9	520-700	150/15	70-10/7-11	
HD 9/18-4 Classic	3	5.9	450-900	240/24	70-180/7-18	
HD 7/16-4 Classic	3	4.3	400-700	220/22	70-160/7-16	
HD 7/14-4 Classic	1	2.9	520-700	220/22	70-110/7-11	
HD 5/11 Cage Classic	1	2.2	500	160	110/11	
HD 8/23-4 Classic	-	-	800	280/28	230/23	
HD 7/20-4 Classic	-	-	700	250/25	200/20	
HD 6/15-4 Classic	1	2.2	600	200/20	130/13	
Hot-water generator						
HG 64	1	0.3	300-1300	220/22	-	
HG 43	1	0.3	300-1300	220/20	-	

ULTRA HIGH-PRESSURE CLEANERS						
	Drive	Supply voltage (phase)	Max. flow rate (l/min)	Max. working pressure (bar /MPa)	Max. rated pressure (bar /MPa)	
UHP Super Class						
HDW 12/280 De Skid Classic	Direct	-	125	1200	2800/280	
HDW 43/75 De Skid Classic	Direct	-	125	4320	750/75	
UHP Middle Class						
HDW 12/100-4 Skid Classic	Electric	3	37	1200	1000/100	
UHP Compact Class						
HD 9/100-4 Cage Adv. Classic	Electric	3	30	900	1000/100	
HD 18/50-4 Cage Adv. Classic	Electric	3	30	1800	500/50	
HD 9/50-4 Cage	Electric	3	15	900	500/50	
HD 13/35-4 Cage	Electric	3	15	1300	350/35	
HD 9/50-4 Cage	Petrol	16	900	500/50		
HD 13/35-4 Cage	Petrol	16	1300	350/35		
HD Portable Class						
HD 5/11 P I P Plus	1	2.2	490	160/16	110/11	

WET AND DRY VACUUM CLEANERS						
	Drive	Supply voltage (phase)	Max. flow rate (l/min)	Max. rated pressure (bar /MPa)	Max. working pressure (bar /MPa)	
UHP Super Class						
HDW 12/280 De Skid Classic	Direct	-	125	1200	2800/280	
HDW 43/75 De Skid Classic	Direct	-	125	4320	750/75	
UHP Middle Class						
HDW 12/100-4 Skid Classic	Electric	3	37	1200	1000/100	
UHP Compact Class						
HD 9/100-4 Cage Adv. Classic	Electric	3	30	900	1000/100	
HD 18/50-4 Cage Adv. Classic	Electric	3	30	1800	500/50	
HD 9/50-4 Cage	Electric	3	15	900	500/50	
HD 13/35-4 Cage	Electric	3	15	1300	350/35	
HD 9/50-4 Cage	Petrol	16	900	500/50		
HD 13/35-4 Cage	Petrol	16	1300	350/35		
HD Portable Class						
HD 5/11 P I P Plus	1	2.2	490	160/16	110/11	
HD Special Class						
HD 25/15-4 Cage Plus	3	12.5	500-2500	190/19	30-150/3-15	
HD 20/15-4 Cage Plus	3	11	500-2000	190/19	30-150/3-15	
HD 16/15-4 Cage Plus	3	9.5	500-1600	190/19	30-150/3-15	
HD 10/25-4 Cage Plus	3	9.2	1000	272/27.2	250/25	
HD 715	3	4.7	250-700	175/17.5	10-150/1-15	
HD 600	3	1	240-650	125/12.5	10-130/1-11	
HD 10/16-4 Cage Ex	3	1.5	1000	220/22	150/15	
HD 10/15-4 Cage Food	3	6.4	440-990	175/17.5	20-145/2-14.5	
HD 10/10 CXF	3	4.5	250-700	120/12	10-100/1-10	
HD with combustion engine						
HD 9/21-1 C	-	-	400-930	250/25	40-230/4-23	
HD 9/21-1 C	-	-	200-850	250/25	10-210/1-21	
HD 8/20 G	-	-	200-750	230/23	10-200/1-20	
HD 7/15 G	-	-	650	160/16	150/15	
HD 7/28 B	-	-	650	160/16	150/15	
HD Classic						
HD 9/20-4 Classic	3	6.9	520-900	240/24	70-200/7-20	
HD 7/18-4 Classic	3	4.9	520-700	220/22	70-180/7-18	
HD 6/15-4 Classic	1	3.4	450-600	190/19	70-150/7-15	
HD 7/14-4 Classic	1	2.9	520-700	150/15	70-10/7-11	
HD 9/18-4 Classic	3	5.9	450-900	240/24	70-180/7-18	
HD 7/16-4 Classic	3	4.3	400-700	220/22	70-160/7-16	
HD 7/14-4 Classic	1	2.9	520-700	220/22	70-110/7-11	
HD 5/11 Cage Classic	1	2.2	500	160	110/11	
HD 8/23-4 Classic	-	-	800	280/28	230/23	
HD 7/20-4 Classic	-	-	700	250/25	200/20	
HD 6/15-4 Classic	1	2.2	600	200/20	130/13	
Hot-water generator						
HG 64	1	0.3	300-1300	220/22	-	
HG 43	1	0.3	300-1300	220/20	-	

HIGH-PRESSURE CLEANERS ACCESSORIES						
	Weight (kg)	Working width (mm)	Machine flow rate with HD 90S (l/min)	Length (m)	Material	
HD Solar panel cleaner						
Solar brush 400	2.8	400	700-1000/1100-1300	-	-	
Solar brush 600	3.5	600	700-1000/1100-1300	-	-	
Solar lance TL 7 H	4	-	-	1.8-7.2	Hybrid	
Solar lance TL 10 H	4	-	-	2.4-10.2	Hybrid	
Solar lance TL 10 C	3.7	-	-	2.4-10.2	Carbon	
Solar lance TL 14 C	4	-	-	2.4-14	Carbon	
HD 50/25-1 C						
Weight (kg)	1.2	1000	350-500	8.3-16.7	100	
Wt 100	2.1	500	150-350	8.3-16.7	100	
Wt 20	0.3	200	80-150	5.8-8.3	100	
Surface cleaners						
FR Classic	1.6	300	max. 600	max. 150	40	
FR 30	2.7	300	max. 850	max. 180	60	
FR 30 Me	4.2	300	max. 1300	max. 250	85	
FR 50	14.3	500	max. 1800	max. 250	85	
Surface cleaners with suction						
FRV 30	5.5	300	max. 1300	max. 250	60	
FRV 30 Me	7.3	300	max. 1300	max. 250	85	
FRV 50 Me	16.9	500	max. 2000	max. 250	85	

		Weight (kg)	Flow rate (l/min)	Working pressure (bar / MPa)
Spray lance				
PowerControl spray lance	■	1	800	180 / 18
		Weight (kg) Nozzle width (mm)	Area performance (m²/h)	Inflow rate (l/min) Max. temperature (°C)
Weed removal				
WR 5	■	12 1000	350-500	8.3-16.7 100
WR 50	■	2.1 500	150-350	8.3-16.7 100
WR 20	■	0.3 200	80-150	5.8-8.3 100