

KÄRCHER

**100%
ATEX.
0%
RISK.**

Kärcher Ex industrial vacuums
for safe cleaning in ATEX Zone 22.
karcher.com



SAFE? WITH ABSOLUTE CERTAINTY!

Kärcher Ex industrial vacuums reliably vacuum up solid materials and dust – especially in potentially explosive zones such as ATEX Zone 22.

THE BENEFITS FOR YOU AT A GLANCE



Portfolio of ATEX machines, accessories, service – perfect complete packages for every cleaning task



Comprehensive safety – for sensitive cleaning applications in ATEX Zone 22



Excellent service – for smooth production and a longer service life for your manufacturing machines



Optimal performance – flawless cleaning results thanks to powerful industrial vacuums and compatible accessories



Experienced, reliable partner – clever extraction systems for hazardous substances and zones



Easy to use – for enhanced efficiency, even in demanding professional applications

The highest standards in terms of cleanliness and safety A Kärcher Ex industrial vacuum is always the safe choice for all cleaning applications in ATEX Zone 22. Because the powerful mobile vacuum cleaners are designed according to the guidelines of DIN EN 62784 for ATEX machines and are therefore fully conductive.

Any type of spark formation is prevented by the conductive design with approved ATEX components or dustproof encapsulation. The Ex industrial vacuums can also only be operated with conductive accessories from the comprehensive Kärcher portfolio. That's how you ensure a safe clean.

CLEVER! YOUR ATEX EXPERTS.

The conductive Kärcher Ex industrial vacuums ensure perfect cleanliness – safely! Because they immediately dissipate any electrostatic charge so that the machine itself does not become an ignition source.



IVM 40/12-1 Z22

Extremely manoeuvrable machines for many applications

- 40 l collection container made of stainless steel
- Machine tested to dust class H or M
- Machine with durable Ec turbine requiring minimal storage space
- Manual Pull and Clean cleaning of star filter

For short or continuous operation The IVM 40/12-1 Z22 with durable Ec turbine impresses as an M machine for the medium dust class as well as an H machine for highly hazardous dusts. The coated M-PTFE star filter and the additional H cartridge filter for the H machine combine optimal filter capacity with maximum safety, even with adhesive dust. The machine (H model only) benefits from dust-free emptying via a safety filter bag and impresses with efficient, low-wear Pull and Clean filter cleaning.

IVM 40/12-1 H Z22 / IVM 40/12-1 M Z22
Power: 1 phase; 220-240 V; 50-60 Hz; 1.2 kW rated input power
Vacuum: 247 / 249 mbar
Airflow rate (DN 50, 3 m): 205 m³/h*
Filter: M-PTFE star filter 1.5 m² (H machine: additional H cartridge filter 1.6 m²)

IVC 60/30 Ap M Z22

The compact entry-level model for dry, pourable dust types

- 60 l collection container made of stainless steel
- Machine tested to dust class M
- Low-wear side channel blower with IE2 motor
- Manual mechanical cleaning of flat pleated filter

Powerful performance and maximum flexibility This is what the IVC 60/30 Ap M Z22 offers. Whether in short or continuous operation, the vacuum cleaner with reduced height is the perfect entry-level machine and satisfies the requirements of diverse production areas. With the compact flat pleated filter, fine, dry and pourable dusts of dust class M can be reliably vacuumed, and filter cleaning is quick and easy.

IVC 60/30 Ap M Z22
Power: 3 phases; 400 V; 50 Hz; 3 kW rated input power
Vacuum: 250 mbar
Airflow rate (DN 40, 3 m): 192 m³/h*
Filter: M flat pleated filter 1.9 m²



IVM 60/30 M Z22

The flexible expert for solid materials and dusts

- 60 l collection container made of stainless steel
- Machine tested to dust class M
- Low-wear side channel blower with IE2 motor
- Manual mechanical cleaning of star filter

Powerful performance, maximum flexibility and filter area The IVM 60/30 M Z22 with side channel blower impresses with a powerful performance and high flexibility when vacuuming diverse solid materials and dusts. The robust chassis with large wheels enables mobile applications. Thanks to a stainless steel design, the vacuum cleaner is easy to clean, and the manual mechanical filter cleaning maximises the service life of the particularly large M star filter.

IVM 60/30 M Z22
Power: 3 phases; 400 V; 50 Hz; 3 kW rated input power
Vacuum: 250 mbar
Airflow rate (DN 40, 3 m): 198 m³/h*
Filter: M star filter 2 m²

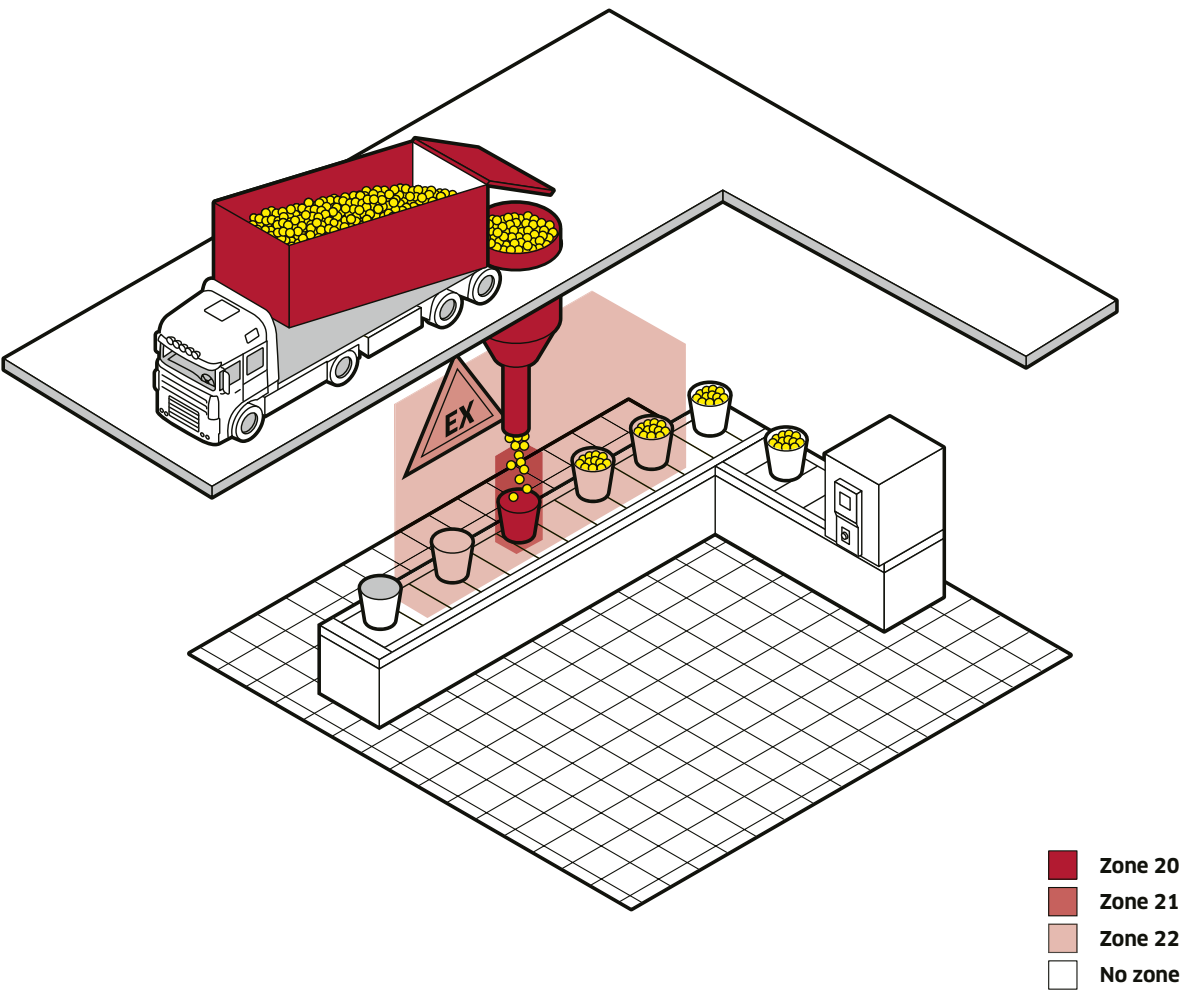
IVS 100 M Z22

The powerhouses for large volumes

- 100 l collection container made of stainless steel
- Machine tested to dust class M
- Low-wear side channel blower with IE2 motor
- Manual mechanical cleaning of star filter

Impresses with enormous suction power The IVS 100 M Z22 with side channel blower and IE2 motor with efficient soft start impresses in mobile applications and in stationary continuous operation. Whether it is the 5.5 kW or 7.5 kW model, the easy-clean stainless steel collection container vacuums large volumes of fine dusts or coarse solid materials reliably. The manual mechanical filter cleaning ensures a long service life for the M star filter.

IVS 100/55 M Z22 / IVS 100/75 M Z22
Power: 3 phases; 400 V; 50 Hz; 5.5 / 7.5 kW rated input power
Vacuum: 235 / 305 mbar
Airflow rate (DN 70): 353 / 373 m³/h*
Filter: M star filter 2 m²



ATEX STANDARDS EXPLAINED SIMPLY

The particle size makes the difference Tiny particles below 0.5 millimetres are defined as dust and large amounts of these particles can accumulate – with the risk of an explosion, for which 3 factors must be present: air, high dust concentration and an ignition source. Dusts such as flour, sugar, animal feed, metal or plastics are flammable.

ATEX directives for explosion protection The ATEX directives are the European standard for protection against explosions of flammable gases and/or dust types. Dusts are found in varying concentrations in areas at risk of ignition. On this basis, the areas are categorised into different zone types, such as ATEX Zone 22. Play it safe here with Kärcher.

* Different air throughput depending on diameter and length of suction hose.

KÄRCHER

makes a difference

Please contact us for more information:

Head Office Germany

Alfred Kärcher SE & Co. KG
Alfred-Kärcher-Straße 28-40
71364 Winnenden

Phone +49 7195 14-0
Fax +49 7195 14-2212

www.karcher.com

USA

Kärcher North America
6398 N. Karcher Way
Aurora, CO 80019

Phone +1 800 444-7654
Fax +1 866 271-0520

www.karcherna.com

Canada

Kärcher Canada Inc.
275 Pendant Drive
Mississauga, Ontario L5T 2W9

Phone +1 905 364-5006
Fax +1 905 672-3155

www.karcher.ca

United Kingdom

Kärcher (UK) Ltd
Kärcher House
Brookhill Way
Banbury
Oxon OX16 3ED

Phone +44 1295 752-000
Fax +44 1295 752-103

www.karcher.co.uk

Ireland

Kärcher Ltd (Ireland)
Unit 3, Redcow Retail Centre
Robinhood Road
Ballymount, Dublin 22
D22 PY03

Phone +353 1 409-7777
Fax +353 1 409-7775

www.karcher.ie

South East Asia

Karcher Southeast Asia Ltd
1005 Srinakarin Road
Suang Luang, Bangkok 10250
Thailand

Phone +66 2021 2838
Fax +66 2120 7575

info.thailand@karcher.com
www.karcher.com/th

Hong Kong

Kärcher Limited
Unit 01, 22/F, Westley Square
48 Hoi Yuen Road
Kwun Tong, Kowloon

Phone +852 2 357-5863
Fax +852 2 357-5632

www.karcher.com.hk

Australia

Karcher Pty Ltd
385 Ferntree Gully Road
Mount Waverley
Victoria, AU 3149

Phone 1800 675-714
(Free Call)

www.karcher.com.au

New Zealand

Karcher Ltd
66 Allens Road
East Tamaki
Auckland 2013

Phone +64 9 274-4603
Fax +64 9 274-6932

www.karcher.co.nz

North Africa

Kärcher SARL
Immeuble Yasmine Tower
Bloc A 6ème étage, bureau A 6.6
Centre Urbain Nord
1082 Tunis
Tunisia

Phone +216 36339020

info@tn.karcher.com
www.karcher.tn

East Africa

Karcher Limited
Williamson House
P.O. Box 40111 G.P.O Nairobi
4th Ngong Avenue
Nairobi West District
00100 Nairobi
Kenya

Phone +254 722205782

info@ke.karcher.com
www.karcher.com/ke

South Africa

Karcher (Pty) Ltd
P.O. Box 1509
2 North Rand Road
Hughes Ext 72
Boksburg
1459
Johannesburg

Phone +27 11 657-7300
Fax +27 11 657-7440

www.karcher.co.za

Middle East

Karcher FZE
Quality Cleaning Systems
Jebel Ali Free Zone
Plot No. S-10104 South Zone
RA 08, XB 1, Jebel Ali
Dubai

Phone +971 4 886-1177

Fax +971 4 886-1575

customercare@ae.karcher.com
www.karcher.ae

Qatar

Karcher LLC
Office No 133, Regus Building
D Ring Road
PO Box 35176

Phone +974 4 423-1319

customercare@ae.karcher.com
www.karcher.ae

Caribbean

Karcher S.R.L.
Calle 5ta, esq. Calle 18, Nave 1
Villa Aura
Santo Domingo Oeste
Dominican Republic

Phone +1 809 379-3700
Fax +1 809 379-3777

info@do.karcher.com
www.karcher.com/do