

PRODUCT OVERVIEW 2023 | PROFESSIONAL

| | | | | | | |
|--|---|--|--|---|---|--|
| <h3>HOT WATER HIGH-PRESSURE CLEANERS</h3> <p>HDS super class HDS middle class HDS compact class HDS upright class HDS with combustion engine HDS trailers HDS special class Hot water generators</p> | <h3>WET AND DRY VACUUM CLEANERS</h3> <p>Tact class Ap class Standard class NT Classic Safety vacuum cleaners Special vacuums</p> | <h3>DRY VACUUM CLEANERS</h3> <p>ecoefficiency Standard T Classic Electric broom Battery-powered dry vacuum cleaners Battery-powered backpack vacuums Upright brush-type vacuum cleaners Cordless vacuum brush</p> | <h3>STEAM CLEANERS/VACUUM CLEANERS</h3> <p>Steam cleaners Steam vacuum cleaners</p> | <h3>SWEEPERS/VACUUM SWEEPERS</h3> <p>Ride-on industrial 170- to 120-centimetre class 125- to 105-centimetre class Ride-on industrial 105-centimetre class Ride-on 100-centimetre class Ride-on 90- to 85-centimetre class Walk-behind 85-centimetre class</p> | <h3>DISINFECTION SYSTEMS</h3> <p>Directional spray system Handheld electrostatic sprayer</p> | <h3>WATER RECLAMATION</h3> <p>Biological water reclamation Physical water reclamation</p> |
| <h3>COLD WATER HIGH-PRESSURE CLEANERS</h3> <p>HD super class HD middle class HD compact class HD portable class Battery-powered high-pressure cleaner HD trailer HD Gasoline Advanced HD Classic</p> | <h3>INDUSTRIAL VACUUMS</h3> <p>Build-in unit (IVR-B) Industrial vacuums compact class (IVC) Industrial vacuums middle class (IVM) Industrial vacuums robust class (IVR) Industrial vacuums robust class (IVR-L) Industrial vacuum-super class (IVS) Ex industrial vacuums (Z22)</p> | <h3>CARPET CLEANERS</h3> <p>Spray extraction machines 30-litre class Spray extraction machines 10-litre class Battery-powered spray extraction machine Professional power brush for spray extraction machines Air blower Interim carpet cleaners Deep carpet cleaner - 45 cm Deep carpet cleaner - 40 cm Deep carpet cleaner - 30 cm</p> | <h3>SCRUBBERS/SCRUBBER DRYERS</h3> <p>Combined 300-litre class scrubber dryers/vacuum sweepers Ride-on 260-litre class Ride-on 200- to 110-litre class Ride-on 90- to 70-litre class Step-on 95- to 40-litre class Walk-behind 100- to 75-litre class Walk-behind 80- to 60-litre class Walk-behind 55- to 50-litre class Push 50- to 25-litre class Compact 22- to 12-litre class Compact 10-litre class Compact 4-litre class Compact 1-litre class Single-disc machines Staircase/escalator cleaners Polishing machines</p> | <h3>HANDHELD VACUUM CLEANERS</h3> <p>Window/surface vacuum cleaners Battery-powered handheld vacuum cleaners</p> | <h3>AIR AND WATER</h3> <p>Air purification Water treatment Water dispensers</p> | <h3>ecoefficiency</h3> <p>ecoefficiency Achieve more with efficiency</p> |
| <h3>STATIONARY HIGH-PRESSURE CLEANERS</h3> <p>Stationary hot water high-pressure cleaners Stationary multiple lance systems Stationary cold water high-pressure cleaners HD middle class stationary</p> | <h3>INDUSTRIAL DUST EXTRACTORS</h3> <p>Industrial dust extractors Ex industrial dust extractors</p> | <h3>ROBOTICS</h3> <p>Scrubber dryer robot Docking station</p> | <h3>DRY ICE CLEANING</h3> <p>Super class Middle class Compact class</p> | <h3>ULTRA HIGH-PRESSURE CLEANERS</h3> <p>HD Cage 30 kW Diesel HD Cage 30 kW HD Cage 15 kW</p> | <h3>DIGITAL SOLUTIONS</h3> <p>Kärcher Fleet / Kärcher Equipment Management SoniQ Services soniQ IQ The operating system for the cleaning sector</p> | <h3>SERVICES</h3> <p>Cleaning Consulting Financial Solutions Service Rental All Brands Service Original Spare Parts Service Packages Service App Used Visual Remote Support</p> |
| <h3>HIGH-PRESSURE CLEANER ACCESSORIES</h3> <p>EASY!Force trigger gun Working light Weed removal Articulated joint Surface cleaners with suction DUO Advanced cup foam lance Advanced cup foam lance Solar panel cleaners</p> | <h3>OUTDOOR POWER EQUIPMENT</h3> <p>Lawn mower Line trimmer Brush cutter Backpack leaf blower Leaf blower Chainsaw Hedge trimmer Multi-tool Batteries and battery chargers Power generators Waste water pump</p> | <h3>MANUAL CLEANING EQUIPMENT</h3> <p>Windows Surfaces Utensils Floors Transport and cleaning trolleys and mobile bucket carts</p> | <h3>MUNICIPAL SWEEPERS AND MUNICIPAL IMPLEMENT CARRIERS</h3> <p>Street sweeper 6 m³ class Vacuum sweeper 2 m³ class Vacuum sweepers middle class Vacuum sweepers compact class Municipal implement carriers superior class Municipal implement carriers middle class Municipal implement carriers compact class</p> | <h3>VEHICLE CLEANING</h3> <p>Gantry car washes Commercial vehicle washes Self-service wash systems Forecourt units Self-service vacuum cleaners</p> | <h3>INTERIOR CLEANING HEADS</h3> <p>HKF 50 P HKF 50 E HKF 50 M HKF 200</p> | <h3>CLEANING AND CARE AGENTS</h3> <p>Accessories PressurePro Disinfection CarpetPro FloorPro SurfacePro SanitPro VehiclePro DS 1 dosing station Universal high-pressure cleaning agents Cleaning agents for agricultural applications Cleaning agents for the food industry Machine care for hot water high-pressure cleaners Facade Cleaner, gel RM 43, Solar Cleaner RM 99 Disinfectant, liquid RM 732, Disinfectant, liquid RM 735 iCapsol Cleaner, gel RM 768 OA, iCapsol Cleaner, powder RM 760 OA CA 50 C eco!perform Cleaner, RM 69 Industrial Cleaner CA 30 C eco!perform Surface Cleaner, CA 40 R eco!perform Glass Cleaner CA 20 C eco!perform Everyday Cleaner, CA 10 C eco!perform WC and Deep Cleaner KlearLine for gantry car wash systems CP products for self-service wash bays HCV cleaners for commercial vehicle washes</p> |

OVERVIEW OF TECHNICAL DATA

Hot water high-pressure cleaners

| Power supply (phase) | Connection (bar) | Flow rate (l/min) | Working pressure (bar) | Max. temperature (°C) | |
|-----------------------------------|------------------|-------------------|------------------------|-----------------------|---------|
| HDS super class | | | | | |
| HDS 13/20-4.5 15X | 3 | 9.3 | 600-1300 | 30-200/3-20 | 80/155 |
| HDS 12/18-4.5 15X | 3 | 8.4 | 600-1200 | 30-180/3-18 | 80/155 |
| HDS middle class | | | | | |
| HDS 12/18-4 M 15X | 3 | 7.8 | 500-1200 | 30-200/3-20 | 80/155 |
| HDS 9/18-4 M 15X | 3 | 6.4 | 450-900 | 30-180/3-18 | 80/155 |
| HDS 8/18-4 M 15X | 3 | 5.5 | 400-800 | 30-180/3-18 | 80/155 |
| HDS 7/12-4 M 15X | 3 | 4.7 | 350-700 | 30-120/3-12 | 80/155 |
| HDS compact class | | | | | |
| HDS 8/18-4 C 15X | 3 | 6 | 300-800 | 30-180/3-18 | 80/155 |
| HDS 8/17 C 15X | 3 | 5.7 | 290-760 | 30-170/3-17 | max. 80 |
| HDS 7/16 C 15X | 3 | 4.7 | 270-660 | 30-160/3-16 | max. 80 |
| HDS 6/14 C 15X | 1 | 3.6 | 240-560 | 30-140/3-14 | 80/155 |
| HDS 5/11 C 15X | 1 | 3.6 | 240-560 | 30-140/3-14 | max. 80 |
| HDS upright class | | | | | |
| HDS 5/15 U 15X | 1 | 2.7 | 450 | 150/15 | max. 80 |
| HDS 5/13 U 15X | 1 | 2.6 | 500 | 125/12.5 | max. 80 |
| HDS 5/11 U 15X | 1 | 2.2 | 450 | 110/11 | max. 80 |
| HDS trailers | | | | | |
| HDS 9/50 De Tr 1 | - | - | 900-1900 | 150-200/15-50 | 85/98 |
| HDS 13/25 De Tr 1 | - | - | 650-1300 | 100-350/10-35 | 85/98 |
| HDS 17/25 De Tr 1 | - | - | 500-700 | 70-200/7-20 | 80/155 |
| HDS 13/20 De Tr 1 | - | - | 800-1850 | 50-200/5-20 | 85/98 |
| HDS special class | | | | | |
| HDS 2000 Super | 3 | 2 + 6.7 | 800-1900 | 30-180/3-18 | 80/98 |
| HDS 8/16-4 M 36 kW | 3 | 4.15 | 300-760 | 30-160/3-16 | 58/85 |
| HDS 8/16-4 M 24 kW | 3 | 2.95 | 300-760 | 30-160/3-16 | 45/85 |
| HDS 8/16-4 M 15 kW | 3 | 1.75 | 300-760 | 30-160/3-16 | 30/85 |
| HDS with combustion engine | | | | | |
| HDS 1000 De | - | - | 450-900 | 40-200/4-20 | 80/98 |
| HDS 1000 Be | - | - | 450-900 | 40-210/4-21 | 80/98 |
| HDS 1000 De Weed | - | - | 340-900 | 30-200/3-20 | 80/155 |
| HDS 8/20 G 1 De | - | - | 800 | 200/20 | max. 80 |
| Hot water generators | | | | | |
| HW 43 | 1 | 0.3 | 300-1300 | max. 220/22 | 80 |
| HW 43 | 1 | 0.3 | 300-1300 | max. 220/22 | 80 |

Cold water high-pressure cleaners

| Power supply (phase) | Connection (bar) | Flow rate (l/min) | Working pressure (bar) | Max. temperature (°C) | |
|---------------------------------------|------------------|-------------------|------------------------|-----------------------|---------------|
| HD compact class | | | | | |
| HD 9/20-4.5 15 Plus 15X A Plus | 3 | 7 | 500-900 | 250/25 | 50-200/5-20 |
| HD 10/25-4.5 15 Plus 15X A Plus | 3 | 8.8 | 500-1000 | 280/28 | 80-250/8-25 |
| HD 13/18-4.5 15 Plus 15X A Plus | 3 | 8.8 | 700-1300 | 250/25 | 50-180/5-18 |
| HD middle class | | | | | |
| HD 8/18-4 M 15 Plus 15X A Plus | 3 | 4.6 | 380-760 | 270/27 | 30-180/3-18 |
| HD 7/16-4 M 15 Plus 15X A Plus | 3 | 4.2 | 350-700 | 240/24 | 30-160/3-16 |
| HD 7/16-4 M 15 Plus 15X A Plus | 3 | 4.2 | 700 | 255/25.5 | 170/17 |
| HD 7/14-4 M 15 Plus 15X A Plus | 3 | 3.4 | 700 | 210/21 | 140/14 |
| HD 6/15 M 15 Plus 15X A Plus | 1 | 3.1 | 560 | 225/22.5 | 150/15 |
| HD middle class stationary | | | | | |
| HD 8/18 M St | 3 | 4.6 | 760 | 270/27 | 30-180/3-18 |
| HD 7/17 M St | 3 | 4.2 | 700 | 255/25.5 | 170/17 |
| HD 6/15 M St | 1 | 3.1 | 560 | 225/22.5 | 150/15 |
| HD 8/18-4 M 15 Plus 15X A Plus | | | | | |
| HD 8/18-4 M 15 Plus 15X A Plus | 3 | 4.6 | 760 | 270/27 | 30-180/3-18 |
| HD 7/16-4 M 15 Plus 15X A Plus | 3 | 4.2 | 350-700 | 240/24 | 30-160/3-16 |
| HD 7/14-4 M 15 Plus 15X A Plus | 3 | 3.4 | 700 | 210/21 | 140/14 |
| HD 6/15 M 15 Plus 15X A Plus | 1 | 3.1 | 560 | 225/22.5 | 150/15 |
| HD 6/16-4 M 15 Plus 15X A Plus | | | | | |
| HD 6/16-4 M 15 Plus 15X A Plus | 1 | 3.1 | 600 | 240/24 | 160/16 |
| HD 6/15 M 15 Plus 15X A Plus | 1 | 3.1 | 560 | 225/22.5 | 150/15 |
| HD 5/17 C 15 Plus 15X A Plus | | | | | |
| HD 5/17 C 15 Plus 15X A Plus | 1 | 3 | 480 | 200/20 | 170/17 |
| HD 6/13 C 15 Plus 15X A Plus | 1 | 2.9 | 500 | 190/19 | 130/13 |
| HD 5/15 C 15 Plus 15X A Plus | 1 | 2.8 | 500 | 200/20 | 150/15 |
| HD 5/12 C 15 Plus 15X A Plus | 1 | 2.5 | 500 | 175/17.5 | 120/12 |
| HD portable class | | | | | |
| HD 5/11 P 15 Plus 15X A Plus | 1 | 2.2 | 490 | 160/16 | 110/11 |
| HD battery-powered | | | | | |
| HD 4/11 B 15 Plus 15X A Plus | - | - | 320-400 | 150/15 | 70-110/7-11 |
| HD trailer | | | | | |
| HD 9/23 De Tr 1 C 15 Tr 1 | - | - | 400-930 | 250/25 | 40-230/4-23 |
| HD special class | | | | | |
| HD 25/15-4 C 400 Plus | 3 | 12.5 | 500-2500 | 190/19 | 30-150/3-15 |
| HD 20/15-4 C 400 Plus | 3 | 11 | 500-2000 | 190/19 | 30-150/3-15 |
| HD 16/15-4 C 400 Plus | 3 | 9.3 | 500-1600 | 190/19 | 30-150/3-15 |
| HD 10/25-4 C 400 Plus | 3 | 9.2 | 1000 | 273/27.3 | 250/25 |
| HD 10/16-4 C 400 Ex | 3 | 5.5 | 1000 | 220/22 | 160/16 |
| HD 10/15-4 C 400 Ex | 3 | 6.4 | 440-990 | 175/17.5 | 20-145/2-14.5 |
| HD 7/10 C 400 Ex | 3 | 4.5 | 250-700 | 120/12 | 10-100/1-10 |
| HD with combustion engine | | | | | |
| HD 9/23 De 1 G | - | - | 400-930 | 250/25 | 40-230/4-23 |
| HD 8/21 C | - | - | 200-850 | 230/23 | 20-110/2-11 |
| HD 8/20 G | - | - | 200-750 | 230/23 | 10-200/1-20 |
| HD 7/15 C | - | - | 650 | 160/16 | 150/15 |
| HD 6/13 C | - | - | 650 | 160/16 | 150/15 |
| HD 10/21-4.5 Classic | | | | | |
| HD 10/21-4.5 Classic | 3 | 8.8 | 1000 | 270/27 | 210/21 |
| HD 13/18-4.5 Classic | 3 | 8.8 | 1300 | 240/24 | 180/18 |
| HD 15/15-4.5 Classic | 3 | 9 | 1700 | 250/25 | 170/15 |
| 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 | 70-150/7-15 |
| HD 6/18-4 Classic | 3 | 3.4 | 450-600 | 190/19 | 70-150/7-15 |
| HD 7/14-4 Classic | 3 | 3.4 | 450-600 | 190/19 | 70-150/7-15 |
| HD 7/11-4 Classic | 3 | 2.9 | 520-700 | 150/15 | 70-110/7-11 |
| HD 9/18-4 C 400 Classic | 3 | 5.9 | 450-900 | 250/25 | 70-180/7-18 |
| HD 8/21 C Classic | 3 | 4.3 | 400-700 | 220/22 | 20-110/2-11 |
| HD 8/23 C Classic | 3 | 2.9 | 520-700 | 150/15 | 70-110/7-11 |
| HD 5/11 C 400 Classic | 1 | 2.2 | 500 | 160/16 | 110/11 |
| HD 8/25 C Classic | 3 | 8 | 800 | 300/30 | 80/25 |
| HD 8/23 C Classic | 3 | 7 | 800 | 280/28 | 230/23 |
| HD 7/20 C Classic | 3 | 7 | 700 | 250/25 | 200/20 |
| HD 6/15 C Classic | 3 | 6 | 600 | 200/20 | 150/15 |
| HD 6/10 C Classic | 1 | 1.4 | 400 | 120 | 60 |
| HD 4/10 X Classic | 1 | 1.8 | 400 | 145 | 100 |

Facade, solar panel, window and floor cleaning

| Weight (kg) | Working width (mm) | Machine flow rate (l/min) | Length (m) | Material |
|-----------------------------|--------------------|---------------------------|--------------------|----------------|
| Solar panel cleaners | | | | |
| Solar brush 400 | 1.7 | 400 | 700-1000/1100-1300 | - |
| Solar brush 800 | 4 | 800 | 700-1000/1100-1300 | - |
| Roller brush 500 | 2 | 500 | 350-1000 | - |
| Facade brush | 0.9 | 400 | - | - |
| TL 7 telescopic lance | 2.6 | - | - | 2-7 Fibre-BROS |
| TL 7 H telescopic lance | 2.6 | - | - | 2-7 Hybrid |
| TL 10 H telescopic lance | 4.8 | - | - | 2-10 Hybrid |
| TL 10 C telescopic lance | 4.6 | - | - | 2-10 Carbon |
| TL 14 C telescopic lance | 5.5 | - | - | 2-14 Carbon |

High-pressure cleaner accessories

| Weight (kg) | Working width (mm) | Area (m²) | Inflow rate (l/min) | Max. temperature (°C) | |
|----------------|--------------------|-----------|---------------------|-----------------------|-----|
| Removal | | | | | |
| WR 50 | 1.2 | 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 |
| WR 10 | 0.3 | 100 | 80-150 | 5.8-8.3 | 100 |

Surface cleaners

| Weight (kg) | Diameter (mm) | Water flow rate (l/min) | Working pressure (bar) | Max. temperature (°C) | |
|-------------|---------------|-------------------------|------------------------|-----------------------|----|
| CS 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 Me | 14.3 | 500 | max. 1800 | max. 250 | 85 |

Surface cleaners with suction

| Weight (kg) | Diameter (mm) | Water flow rate (l/min) | Working pressure (bar) | Max. temperature (°C) | |
|-------------|---------------|-------------------------|------------------------|-----------------------|----|
| FRV 30 | 5.5 | 300 | max. 1300 | max. 250 | 60 |
| FRV 30 Me | 7.5 | 300 | max. 1300 | max. 250 | 85 |
| FRV 50 Me | 16.9 | 500 | max. 2000 | max. 250 | 85 |

Stationary high-pressure cleaners

| Power supply (phase) | Connection (bar) | Flow rate (l/min) | Working pressure (bar) | Max. temperature (°C) | |
|--|------------------|-------------------|------------------------|-----------------------|--------|
| Stationary hot water high-pressure cleaners, single-line operation | | | | | |
| HDS 12/14-4 15X | 3 | 7.5 | 600-1200 | 30-140/3-14 | 155/80 |
| HDS 12/14-4 St Gas | 3 | 7.5 | 600-1200 | 30-140/3-14 | 98/98 |
| HDS 12/14-4 St Gas LPG | 3 | 7.5 | 600-1200 | 30-140/3-14 | 98 |
| HDS 9/14-4 15X | 3 | 6.4 | 500-930 | 30-140/3-14 | 155/80 |
| HDS 9/16-4 St Gas | 3 | 6.4 | 500-960 | 30-160/3-16 | 98/98 |
| Stationary cold water high-pressure cleaners, 3- or 4-line, multiple-line operation | | | | | |
| HDC 90/10 | 3 | 44.748 | max. 32000 | 100/10 | 85 |
| HDC 90/10 | 3 | 33.5/35 | max. 9000 | 100/10 | 85 |
| HDC 60/10 | 3 | 22.5/24 | max. 6000 | 100/10 | 85 |
| HDC 80/16 | 3 | 45/46 | max. 8000 | 160/16 | 85 |
| HDC 60/16 | 3 | 34/35 | max. 6000 | 160/16 | 85 |
| HDC 60/08 | 3 | 17.5/18.5 | max. 6000 | 80/8 | 85 |
| HDC 40/16 | 3 | 23/24 | max. 4000 | 160/16 | 85 |
| HDC 40/08 | 3 | 12/13 | max. 4000 | 80/8 | 85 |
| HDC 20/16 | 3 | 11.5/12 | max. 2000 | 160/16 | 85 |
| HDC 20/08 | 3 | 5.7 | max. 2000 | 80/8 | 85 |
| Stationary cold water high-pressure cleaners, single-line operation | | | | | |
| HD 13/24-2 St | 3 | 6.4 | 650-1300 | 30-20/2-12 | 85 |
| HD 9/18-4 St | 3 | 6.4 | 460-900 | 40-180/4-18 | 85 |
| HD 7/16-4 St | 3 | 4.4 | 300-700 | 30-160/3-16 | 85 |

Ultra high-pressure cleaners

| Drive | Power supply (phase) | Connection (bar) | Flow rate (l/min) | Max. working pressure (bar/MPa) | |
|--------------------------------|----------------------|------------------|-------------------|---------------------------------|-----------|
| HD 9/100 De SKID | Diesel | - | 35 | 880 | 1,000/100 |
| HD 9/100-4 C 400 Adv Classic | Electric | 3 | 30 | 980 | 1,000/100 |
| HD 13/25-4 C 400 Adv Classic | Electric | 3 | 30 | 1,800 | 500/50 |
| HD 9/50-4 C 400 | Electric | 3 | 15 | 500-900 | 500/50 |
| HD 13/25-4 C 400 | Electric | 3 | 15 | 500-1300 | 350/35 |
| HD 13/35-4 C 400 | Electric | 3 | 16 | 500-900 | 500/50 |
| HD 13/35-4 C 400 | Electric | 3 | 16 | 500-1300 | 350/35 |

Wet and dry vacuum cleaners

| Drive | Power supply (phase) | Connection (bar) | Flow rate (l/min) | Max. working pressure (bar/MPa) | |
|--------------------------------|----------------------|------------------|-------------------|---------------------------------|-----------|
| HD 9/100 De SKID | Diesel | - | 35 | 880 | 1,000/100 |
| HD 9/100-4 C 400 Adv Classic | Electric | 3 | 30 | 980 | 1,000/100 |
| HD 13/25-4 C 400 Adv Classic | Electric | 3 | 30 | 1,800 | 500/50 |
| HD 9/50-4 C 400 | Electric | 3 | 15 | 500-900 | 500/50 |
| HD 13/25-4 C 400 | Electric | 3 | 15 | 500-1300 | 350/35 |
| HD 13/35-4 C 400 | Electric | 3 | 16 | 500-900 | 500/50 |
| HD 13/35-4 C 400 | Electric | 3 | 16 | 500-1300 | 350/35 |

Wet and dry vacuum cleaners

| Air flow rate (l/min) | Vacuum (mmHg) | Container capacity (l) | Max. air flow rate (l/min) |
|-----------------------|---------------|------------------------|----------------------------|
|-----------------------|---------------|------------------------|----------------------------|