# KÄRCHER PROFESSIONAL 2016

## HOT WATER HIGH-PRESSURE CLEANERS

- HDS super class
- HDS middle class
- HDS compact class
- HDS upright class
- HDS Trailer
- HDS special class
- HDS with combustion engine
- Surface cleaners
- Accessories

## COLD WATER HIGH-PRESSURE CLEANERS

- HD super class
- HD middle class
- HD compact class
- HD portable class
- HD Industrial
- HD special class
- NEW HD Gasoline Advanced
- HD Gasoline Classic
- HD Classic

## STATIONARY HIGH-PRESSURE CLEANERS

- Stationary hot water high-pressure cleaners
- Stationary multiple lance systems
- Stationary cold water high-pressure cleaners

## HIGH-PRESSURE CLEANER ACCESSORIES

- HD solar panel cleaner
- HD water softening
- FR Classic

## WET AND DRY VACUUM CLEANERS

- Tact class
- Ap class
- Standard class
- NT Classic
- Safety vacuum cleaners
- Special vacuums

## INDUSTRIAL VACUUMS

- Super class
- Middle class
- Compact class
- Ex vacuums
- Build-in units
- Liquid and swarf vacuums

## DRY VACUUM CLEANERS

- ecolefficiency
- Standard
- T Classic
- Battery-powered machines
- Upright brush-type vacuum cleaners
- Electric brooms

## VACUUM CLEANER ACCESSORIES/ADDITIONS

- ESB 28
- PES flat pleated filter
- Longopac disposal system

## DRINKING WATER

- Water dispenser, white
- Water dispenser, black
- Water treatment

## 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
- Air blowers
- Carpet cleaners
- Deep carpet cleaners – 45 cm
- NEW Deep carpet cleaner – 40 cm
- Deep carpet cleaners – 30 cm

## CARPET CLEANER ACCESSORIES/ADDITIONS

- Puzzi floor nozzle
- Air filtration device Afd
- Hand nozzle

## STEAM CLEANERS AND STEAM VACUUM CLEANERS

- Steam cleaners
- Steam vacuum cleaners
- Accessories

## MANUAL CLEANING EQUIPMENT

Cleaning trolleys and buckets ›

- ECO!Clean Liner Press
- ECO!Clean Liner
- Double bucket cart with mop press

Floors ›

- Mop systems
- Sweeping

Surfaces ›

- Microfibre cloths
- Hand pad holders and covers

Windows ›

- Window cleaning range

## SCRUBBERS/SCRUBBER DRIERS

- NEW Combined 300/250-litre sweeper/scrubbing machine class
- Ride-on 150-litre class
- Ride-on 90-litre class
- Step-on 95-litre class
- Walk-behind 120-litre class
- Walk-behind 80 to 60-litre class
- Walk-behind 40-litre class
- NEW Compact 50 to 25-litre class
- Compact 12-litre class
- Compact 10-litre class
- Compact 4-litre class
- NEW Mopvac 10-litre class
- Single-disc machines
- Escalator cleaner
- Polishing machines – compact class

## SWEEPERS/VACUUM SWEEPERS

- Ride-on industry class
- NEW Ride-on middle class
- Ride-on entry-level class
- Walk-behind super class
- Walk-behind middle class
- Walk-behind compact class
- Walk-behind entry-level class
- High-performance electric broom
- Snow throwers

## VACUUM SWEEPERS AND MUNICIPAL IMPLEMENT CARRIERS

- Vacuum sweepers middle class
- Vacuum sweepers – compact class
- Light waste vacuum cleaners
- Municipal implement carriers – heavy implement carriers
- Municipal implement carriers – middle class
- Municipal implement carriers – compact class
- Municipal implement carriers – compact class

## PARK & CITY SOLUTIONS

- NEW Leaf blowers
- NEW Batteries
- NEW Chainsaws

## VEHICLE CLEANING

- Gantry car washes
- Commercial vehicle washing bays
- Single-brush commercial vehicle washes
- Self-service vacuums
- Self-service prewash units
- Self-service single bay units
- Self-service multi bay units 2–4 bays
- Steel framework for self-service wash bays
- Self-service multi bay units 4–8 bays

## SYSTEM SOLUTION FOR CONTAINER CLEANING

- System solution tank, silo and container cleaning
- Modular controls
- Modular industrial pumps
- Modular interior cleaning heads
- Mobile and stationary high-pressure pumps
- Modular hot water generators
- Ultra-high-pressure interior cleaning heads
- Complete tank interior cleaning system

## WATER RECLAMATION

- Water reclamation for car wash stations
- Water reclamation for high-pressure cleaners
- Water reclamation system for high-pressure 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

## KÄRCHER SYSTEM

**Solutions, not just products: the Kärcher system**
Professional operators place the highest demands on reliability, cleaning power and efficiency, which is only achievable with a perfectly balanced system.

## DIGITAL SOLUTIONS

**Kärcher Fleet**
Fleet management

**Kärcher ECO!Manager**
Facility management software

## SERVICES

**Kärcher Services**
The complete range of services from the world market leader.

**Kärcher Service**
Customer service

**Kärcher Rent**
Rental

**Kärcher Maintain**
Service packages

**Kärcher Used**
Refurbished machines

## CLEANING AND CARE AGENTS – FOR ANY APPLICATION

PressurePro ›

- Machine Protector Advance 1 RM 110
- Active cleaner, alkaline RM 81
- Solar panel cleaner RM 99

CarpetPro ›

- NEW Dry cleaner RM 766
- Carpet cleaner RM 760 tablets/powder
- Conditioner RM 763
- CarpetPro Protector RM 762

FloorPro ›

- NEW Multi cleaner RM 756
- Basic cleaning agent RM 69
- Intensive basic cleaning agent Extra RM 752
- All-round basic cleaning agent RM 754

SurfacePro ›

- Manual cleaning agent line CA

VehiclePro ›

- NEW Wheel rim foam RM 802
- Foam cleaner RM 838
- Foam Polish Plus RM 837

PartsPro ›

- Parts cleaning agent PC Bio 10

WaterPro ›

- Separating agent RM 846

TankPro ›

- NEW Cleaner, acidic RM 870
- NEW Cleaner, alkaline RM 875
- NEW Cleaner, polymer RM 880

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# TECHNICAL DATA AT A GLANCE

## HOT WATER HIGH-PRESSURE CLEANERS

| | Supply voltage (phases) | Connection load (kW) | Flow rate (l/h) | Working pressure (bar/MPa) | Max. temperature (°C) |
|---|---|---|---|---|---|
| **HDS super class** | | | | | |
| HDS 13/20-4 S \| SX | 3 | 9.3 | 600–1300 | 30–200/3–20 | 80/155 |
| HDS 12/18-4 S \| 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 8/18-4 C \| CX | 3 | 6 | 300–800 | 30–180/3–18 | 80/155 |
| HDS 8/17 C \| CX | 3 | 5.7 | 290–760 | 30–170/3–17 | 80/155 |
| HDS 7/16 C \| CX | 3 | 4.7 | 270–660 | 30–160/3–16 | 80/155 |
| HDS 6/14-4 C \| CX | 1 | 3.6 | 240–560 | 30–140/3–14 | 80/155 |
| HDS 6/14 C \| CX | 1 | 3.6 | 240–560 | 30–140/3–14 | 80/155 |
| HDS 5/12 C | 1 | 2.9 | 500 | 120/12 | 80 |
| **HDS upright class** | | | | | |
| HDS 5/15 U \| UX | 1 | 2.7 | 450 | 150/15 | 80 |
| HDS 5/13 U \| UX | 1 | 2.6 | 500 | 125/12.5 | 80 |
| HDS 5/11 U \| UX | 1 | 2.2 | 450 | 110/11 | 80 |
| **HDS Trailer** | | | | | |
| HDS 9/50 De Tr1 | – | – | 500–900 | 150–500/15–50 | 85/98 |
| HDS 13/35 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-E 8/16-4 M 36 kW | 3 | 41.5 | 300–760 | 30–160/3–16 | 58/85 |
| HDS-E 8/16-4 M 24 kW | 3 | 29.5 | 300–760 | 30–160/3–16 | 45/85 |
| HDS-E 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 | 80/98 |
| HDS 1000 Be | – | – | 450–900 | 40–210/4–21 | 80/98 |
| HDS 801 D \| B | – | – | 600 | 140/14 | 80 |

## COLD WATER HIGH-PRESSURE CLEANERS

| | Supply voltage (phases) | Connection load (kW) | Flow rate (l/h) | Max. pressure (bar/MPa) | Working pressure (bar/MPa) |
|---|---|---|---|---|---|
| **HD super class** | | | | | |
| HD 17/14-4 S Plus I SX Plus □ | 3 | 9.4 | 650–1700 | 154/15.4 | 30–140 / 3–14 |
| HD 13/18-4 S Plus \| SX Plus | 3 | 9.2 | 650–1300 | 198/19.8 | 30–180/3–18 |
| HD 10/25-4 S \| S Plus \| SX Plus | 3 | 9.2 | 500–1000 | 275/27.5 | 30–250/3–25 |
| HD 10/23-4 S \| S Plus \| SX Plus | 3 | 7.8 | 1000 | 253/25.3 | 230/23 |
| **HD middle class** | | | | | |
| HD 9/20-4 M \| M Plus \| MX Plus | 3 | 7 | 460–900 | 220/22 | 40–200/4–20 |
| HD 9/19 M \| M Plus \| MX Plus | 3 | 6.8 | 450–890 | 220/22 | 40–185/4–18.5 |
| HD 7/18-4 M \| M Plus \| MX Plus | 3 | 5 | 240–700 | 215/21.5 | 30–180/3–18 |
| HD 6/16-4 M \| M Plus \| MX Plus | 1 | 3.4 | 230–600 | 190/19 | 30–160/3–16 |
| **HD compact class** | | | | | |
| HD 7/18 C \| C Plus \| CX Plus | 3 | 4.7 | 240–700 | 215/21.5 | 20–175/2–17.5 |
| HD 6/15 C \| C Plus \| CX Plus | 1 | 3.1 | 230–560 | 190/19 | 30–150/3–15 |
| HD 6/12-4 C \| C Plus \| CX Plus | 1 | 2.8 | 300–600 | 160/16 | 20–120/2–12 |
| HD 5/17 C \| C Plus \| CX Plus | 1 | 3 | 500 | 200/20 | 170/17 |
| HD 6/13 C \| C Plus \| CX Plus | 1 | 2.9 | 560 | 190/19 | 130/13 |
| HD 5/15 C \| C Plus \| CX Plus | 1 | 2.8 | 500 | 200/20 | 150/15 |
| HD 5/12 C \| C Plus \| CX Plus | 1 | 2.5 | 500 | 175/17.5 | 120/12 |
| **HD portable class** | | | | | |
| HD 5/11 P \| P Plus | 1 | 2.2 | 490 | 160/16 | 110/11 |
| **HD Industrial** | | | | | |
| HD 9/50-4 Cage | 3 | 15 | 500–900 | 640/64 | 150–500/15–50 |
| HD 13/35-4 Cage | 3 | 15 | 500–1300 | 450/45 | 100–350/10–35 |
| HD 9/50 Ge Cage | – | – | 500–900 | 640/64 | 150–500/15–50 |
| HD 13/35 Ge Cage | – | – | 500–1300 | 450/45 | 100–350/10–35 |
| **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 | 273/27.3 | 250/25 |
| HD 715 | 3 | 4.7 | 250–700 | 175/17.5 | 10–150/1–15 |
| HD 600 | 1 | 3 | 240–650 | 125/12.5 | 10–110/1–11 |
| HD 10/16-4 Cage Ex | 3 | 5.5 | 1000 | 220/22 | 160/16 |
| HD 10/15-4 Cage Food | 3 | 6.4 | 440–990 | 175/17.5 | 20–145/2–14.5 |
| HD 7/10 CXF | 3 | 4.5 | 250–700 | 120/12 | 10–100/1–10 |
| **HD with combustion engine** | | | | | |
| HD 9/23 G/De □ | – | – | 400–930 | 250/25 | 40–230/4–23 |
| HD 9/21 G □ | – | – | 200–850 | 230/23 | 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 728 B Cage | – | – | 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 7/11-4 Classic | 1 | 2.9 | 520–700 | 150/15 | 70–110/7–11 |
| HD 9/18-4 Cage Classic | 3 | 5.9 | 450–900 | 240/24 | 70–180/7–18 |
| HD 7/16-4 Cage Classic | 3 | 4.3 | 400–700 | 220/22 | 70–160/7–16 |
| HD 7/11-4 Cage Classic □ | 1 | 2.9 | 520–700 | 150 | 70–110/7–11 |
| HD 5/11 Cage Classic □ | 1 | 2.2 | 500 | 160 | 50–110/5–11 |
| HD 8/23 G Classic | – | – | 800 | 280/28 | 230/23 |
| HD 7/20 G Classic | – | – | 700 | 250/25 | 200/20 |
| HD 6/15 G Classic | – | – | 600 | 200/20 | 150/15 |

## HIGH-PRESSURE CLEANER ACCESSORIES/ADDITIONS

| | Weight (kg) | Working width (mm) | Flow rate (l/h) | Length (m) | Material |
|---|---|---|---|---|---|
| **HD solar panel cleaner** | | | | | |
| iSolar brush 400 | 2.8 | 400 | 700–1000/1100–1300 | – | – |
| iSolar brush 800 | 7 | 800 | 700–1000/1100–1300 | – | – |
| iSolar lance TL 7 H | 3.5 | – | – | 1.8–7.2 | Hybrid |
| iSolar lance TL 10 H | 4 | – | – | 2.4–10.2 | Hybrid |
| iSolar lance TL 10 C | 3.7 | – | – | 2.4–10.2 | Carbon |
| iSolar lance TL 14 C | 5 | – | – | 2.4–14 | Carbon |

| | Weight (kg) | Inlet pressure (bar) | Work temperature (°C) | Capacity (at 10°dH) (l) | Regeneration time (h) |
|---|---|---|---|---|---|
| **HD water softening** | | | | | |
| WS 50 | 35 | 0–10 | 1–50 | 5000 | – |
| WS 100 | 40 | 0–10 | 1–50 | 10,000 | – |
| WS regenerator | 5.8 | – | – | – | 2 |

| | Weight (kg) | Max. inlet temperature (°C) | Working pressure (bar/Mpa) | Flow rate (l/h) | Cleaning cycle (s) |
|---|---|---|---|---|---|
| **HD barrel cleaners** | | | | | |
| BC 14/12 | 4.8 | 80 | max. 120/12 | 600–1400 | 36 |

## STATIONARY HIGH-PRESSURE CLEANERS

| | Supply voltage (phases) | Connection load (kW) | Flow rate (l/h) | Working pressure (bar/MPa) | Max. temperature (°C) |
|---|---|---|---|---|---|
| **Stationary hot water high-pressure cleaners, single-lance operation** | | | | | |
| HDS 12/14-4 ST | 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 |
| HDS 12/14-4 ST Gas LPG | 3 | 7.5 | 600–1200 | 30–140/3–14 | 98 |
| HDS 9/14-4 ST | 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 |

| | Supply voltage (phases) | Connection load (kW) | Flow rate (l/h) | Working pressure (bar/MPa) | Max. inlet temperature (°C) |
|---|---|---|---|---|---|
| **Stationary cold water high-pressure cleaner 60/85°C, multiple lance operation** | | | | | |
| HDC 120/10 | 3 | 11/46 | 700–12,000 | 100/10 | 85 |
| HDC 90/10 | 3 | 11/35 | 700–9000 | 100/10 | 85 |
| HDC 60/10 | 3 | 11/24 | 700–6000 | 100/10 | 85 |
| HDC 80/16 | 3 | 11/46 | 700–8000 | 160/16 | 85 |
| HDC 80/08 | 3 | 11/24 | 700–8000 | 80/8 | 85 |
| HDC 60/16 | 3 | 11/35 | 700–6000 | 160/16 | 85 |
| HDC 60/08 | 3 | 11/19 | 700–6000 | 80/8 | 85 |
| HDC 40/16 | 3 | 11/24 | 700–4000 | 160/16 | 85 |
| HDC 40/08 | 3 | 11/13 | 700–4000 | 80/8 | 85 |
| HDC 20/16 | 3 | 11/11 | 700–2000 | 160/16 | 85 |
| HDC 20/08 | 3 | 11/6 | 700–2000 | 80/8 | 85 |
| **Stationary cold water high-pressure cleaner, single-lance operation** | | | | | |
| HD 13/12-4 ST | 3 | 6.4 | 650–1300 | 30–120/3–12 | 70 |
| HD 9/18-4 ST | 3 | 6.4 | 460–900 | 40–180/4–18 | 70 |
| HD 7/16-4 ST | 3 | 4.4 | 300–700 | 30–160/3–16 | 70 |

## WET AND DRY VACUUM CLEANERS

| | Air flow (l/s) | Vacuum (mbar/kPa) | Container capacity (l) | Max. rated input power (W) | Sound pressure level (dB(A)) |
|---|---|---|---|---|---|
| **Tact class** | | | | | |
| NT 75/2 Tact² Me Tc | 2 × 74 | 254/25.4 | 75 | 2760 | 73 |
| NT 65/2 Tact² Tc | 2 × 74 | 254/25.4 | 65 | 2760 | 73 |
| NT 55/2 Tact² Me I | 2 × 74 | 254/25.4 | 55 | 2760 | 73 |
| NT 75/2 Tact² Me | 2 × 74 | 254/25.4 | 75 | 2760 | 73 |
| NT 65/2 Tact² | 2 × 74 | 254/25.4 | 65 | 2760 | 73 |
| NT 55/1 Tact \| Tact Te | 74 | 254/25.4 | 55 | 1380 | 69 |
| NT 45/1 Tact Te Ec | 63 | 244/24.4 | 45 | 1380 | 71 |
| NT 45/1 Tact \| Tact Te | 74 | 254/25.4 | 45 | 1380 | 69 |
| NT 40/1 Tact \| Tact Te | 74 | 254/25.4 | 40 | 1380 | 69 |
| NT 35/1 Tact \| Tact Te | 74 | 254/25.4 | 35 | 1380 | 69 |
| **Ap class** | | | | | |
| NT 75/2 Ap Me Tc | 2 × 74 | 254/25.4 | 75 | 2760 | 73 |
| NT 65/2 Ap | 2 × 74 | 254/25.4 | 65 | 2760 | 73 |
| NT 35/1 Ap | 74 | 254/25.4 | 35 | 1380 | 70 |
| NT 25/1 Ap | 74 | 254/25.4 | 25 | 1380 | 70 |
| NT 20/1 Ap \| Ap Te □ | 74 | 254/25.4 | 20 | 1380 | 66 |
| NT 14/1 Ap Te Adv L \| Te Adv \| Adv | 61 | 230/23 | 14 | 1380 | 70 |
| NT 14/1 Ap \| Classic | 61 | 230/23 | 14 | 1380 | 70 |
| **Standard class** | | | | | |
| NT 70/3 Me Tc | 3 × 56 | 208/20.8 | 70 | 3600 | 79 |
| NT 70/2 Me Tc | 2 × 56 | 208/20.8 | 70 | 2400 | 75 |
| NT 70/3 Tc | 3 × 56 | 208/20.8 | 70 | 3600 | 79 |
| NT 70/2 Tc | 2 × 56 | 208/20.8 | 70 | 2400 | 75 |
| NT 70/2 Adv | 2 × 56 | 208/20.8 | 70 | 2400 | 75 |
| NT 70/2 Me | 2 × 56 | 208/20.8 | 70 | 2400 | 75 |
| NT 70/3 | 3 × 56 | 208/20.8 | 70 | 3600 | 79 |
| NT 70/2 | 2 × 56 | 208/20.8 | 70 | 2400 | 75 |
| NT 70/1 | 56 | 208/20.8 | 70 | 1200 | 73 |
| NT 48/1 \| Te | 67 | 200/20 | 48 | 1380 | 72 |
| NT 27/1 Me \| Adv | 67 | 200/20 | 27 | 1380 | 72 |
| NT 27/1 \| Adv | 67 | 200/20 | 27 | 1380 | 72 |
| **NT Classic** | | | | | |
| NT 90/2 Me Classic | 2 × 53 | 225/22.5 | 90 | 2300 | 76 |
| NT 70/2 Me Classic | 2 × 53 | 225/22.5 | 70 | 2300 | 76 |
| NT 50/2 Me Classic | 2 × 53 | 225/22.5 | 50 | 2300 | 76 |
| NT 50/1 Me Classic | 53 | 225/22.5 | 50 | 1150 | 73 |
| NT 38/1 Me Classic | 59 | 227/22.7 | 38 | 1500 | 78 |
| NT 30/1 Me Classic | 59 | 227/22.7 | 30 | 1500 | 78 |
| NT 20/1 Me Classic | 59 | 227/22.7 | 20 | 1500 | 78 |
| **Safety and special vacuums** | | | | | |
| NT 80/1 B1 M S | 56 | 235/23.5 | 80 | 1380 | 70 |
| NT 75/1 Me Ec H Z22 | 61 | 220/22 | 75 | 1000 | 76 |
| NT 75/1 Tact Me Te H | 74 | 254/25.4 | 75 | 1000 | 67 |
| NT 45/1 Tact Te H | 74 | 254/25.4 | 45 | 1000 | 67 |
| NT 35/1 Tact Te H | 74 | 254/25.4 | 35 | 1000 | 67 |
| NT 55/1 Tact Te M | 74 | 254/25.4 | 55 | 1380 | 67 |
| NT 45/1 Tact Te M | 74 | 254/25.4 | 45 | 1380 | 67 |
| NT 35/1 Tact Te M | 74 | 254/25.4 | 35 | 1380 | 67 |
| NT 611 Mwf | 57 | 235/23.5 | 55 | 2350 | 63 |
| NT 611 Eco K | 57 | 235/23.5 | 55 | 2350 | 63 |
| NT 55/1 Tact Bs | 61 | 230/23 | 55 | 1380 | 63 |
| NT 35/1 Tact Bs | 61 | 230/23 | 35 | 1380 | 63 |

## INDUSTRIAL VACUUMS

| | Air flow (l/s / m³/h) | Vacuum (mbar/kPa) | Container capacity (l) | Filter area (m²) | Sound pressure level (mm) |
|---|---|---|---|---|---|
| **Super class** | | | | | |
| IV 100/75 | 153/550 | 330/33 | 100 | 3 | 61 |
| IV 100/55 | 139/500 | 280/28 | 100 | 2.2 | 61 |
| IV 100/40 | 139/500 | 180/18 | 100 | 2.2 | 61 |
| IVR 100/40 Pf □ | 137.5/495 | 140/14 | 100 | 1.75 | 52/72 |
| **Middle class** | | | | | |
| IV 60/30 | 68/245 | 286/28.6 | 60 | 2.3 | 51 |
| IV 60/36-3 | 168/605 | 235/23.5 | 60 | 2.3 | 51 |
| IV 60/24-2 | 112/403 | 235/23.5 | 60 | 2.3 | 51 |
| IVR 50/40 Pf □ | 137.5/495 | 140/14 | 50 | 1.75 | 52/72 |
| IVR 40/30 Pf □ | 87.5/315 | 260/26 | 40 | 1.75 | 52 |
| IVR 40/15 Pf □ | 58/210 | 200/20 | 40 | 1.75 | 42/52 |
| IVR 35/20-2 Pf Me □ | 100/360 | 220/22 | 35 | 1.4 | 42/52 |
| **Compact class** | | | | | |
| IVC 60/30 Tact² | 68/245 | 286/28.6 | 60 | 1.9 | 42/52 |
| IVC 60/30 Ap | 68/245 | 286/28.6 | 60 | 1.9 | 42/52/72 |
| IVC 60/24-2 Tact² | 148/532 | 254/25.4 | 60 | 0.95 | 42/52 |
| IVC 60/24-2 Ap | 148/532 | 254/25.4 | 60 | 0.95 | 42/52/72 |
| IVC 60/24-2 Tact² M | 148/532 | 254/25.4 | 60 | 0.95 | 42/52 |
| IVC 60/12-1 Tact Ec | 62.5/225 | 244/24.4 | 60 | 0.95 | 42/52 |
| **Ex vacuums** | | | | | |
| IV 100/75 M B1 (Z22) | 153/550 | 330/33 | 100 | 4.3 | 61 |
| IV 100/55 M B1 (Z22) | 139/500 | 280/28 | 100 | 2.3 | 61 |
| IV 100/55 H B1 (Z22) | 139/500 | 280/28 | 100 | 3.9 | 61 |
| IV 100/40 M B1 (Z22) | 139/500 | 180/18 | 100 | 2.3 | 61 |
| IV 60/30 M B1 (Z22) | 68/244 | 286/28.6 | 60 | 1.8 | 51 |
| IV 60/27-1 M B1 | 65/234 | 240/24 | 60 | 1.8 | 51 |
| IVC 60/30 Ap M Z22 | 68/244 | 286/28.6 | 60 | 1.9 | 42 |
| IVC 60/12-1 Ec H Z22 | 62.5/225 | 244/24.4 | 60 | 0.95 | 42 |

## INDUSTRIAL VACUUMS

| | Air flow (l/s / m³/h) | Vacuum (mbar/kPa) | Container capacity (l) | Filter area (m²) | Standard ID DN (mm) |
|---|---|---|---|---|---|
| **Build-in units** | | | | | |
| IVR-B 50/30 □ | 87.5/315 | 260/26 | 50 | 0.7 | 52 |
| IVR-B 30/15 Me □ | 58/210 | 200/20 | 30 | 0.7 | 42/52 |
| **Liquid and swarf vacuums** | | | | | |
| IVR-L 100/30 □ | 89/320 | 260/26 | 100 | 0.45 | 52/72 |
| IVR-L 120/24-2 Tc Me Dp □ | 119/430 | 230/23 | 120 | 0.45 | 42/52 |
| IVR-L 120/24-2 Tc Me □ | 119/430 | 230/23 | 120 | 0.45 | 42/52 |
| IVR-L 120/24-2 Tc □ | 119/430 | 230/23 | 120 | 0.45 | 42/52 |
| IVR-L 100/24-2 Tc Me Dp □ | 119/430 | 230/23 | 100 | 0.45 | 42/52 |
| IVR-L 100/24-2 Tc Me □ | 119/430 | 230/23 | 100 | 0.45 | 42/52 |
| IVR-L 100/24-2 Tc □ | 119/430 | 230/23 | 100 | 0.45 | 42/52 |
| IVR-L 100/24-2 Me □ | 119/430 | 230/23 | 100 | 0.45 | 42/52 |
| IVR-L 100/24-2 □ | 119/430 | 230/23 | 100 | 0.45 | 42/52 |
| IVR-L 65/12-1 Tc □ | 60/215 | 230/23 | 65 | 0.25 | 42 |
| IVR-L 40/12-1 □ | 60/215 | 230/23 | 40 | 0.25 | 42 |
| IVL 50/24-2 | 112/403 | 235/23.5 | 50 | 1 | 51 |

## DRY VACUUM CLEANERS

| | Air flow (l/s) | Vacuum (mbar/kPa) | Nominal power input (W) | Sound pressure level (dB(A)) | Energy efficiency class |
|---|---|---|---|---|---|
| **Dry vacuum cleaners** | | | | | |
| T 15/1 eco!efficiency | 43 | 230/23 | 750 | 57 | A |
| T 17/1 eco!efficiency | 43 | 230/23 | 750 | 58 | A |
| T 12/1 eco!efficiency | 43 | 230/23 | 750 | 65 | A |
| T 10/1 eco!efficiency | 55 | 210/21 | 750 | 54 | B |
| T 7/1 eco!efficiency | 55 | 210/21 | 750 | 54 | B |
| T 15/1 + ESB 34 | 61 | 244/24.4 | 1300 | 64 | E |
| T 15/1 HEPA + ESB 28 | 61 | 244/24.4 | 1180 | 63 | G |
| T 15/1 HEPA | 61 | 244/24.4 | 1150 | 60 | E |
| T 15/1 | 61 | 244/24.4 | 1150 | 60 | E |
| T 17/1 | 61 | 244/24.4 | 1150 | 65 | E |
| T 12/1 | 61 | 244/24.4 | 1150 | 65 | E |
| T 10/1 Adv | 61 | 244/24.4 | 1100 | 62 | E |
| T 10/1 | 61 | 244/24.4 | 1100 | 62 | E |
| T 7/1 | 54 | 245/24.5 | 1050 | 62 | E |
| T 14/1 Classic | 40 | 285/28.5 | 1600 | 69 | – |
| T 8/1 Classic | 47 | 285/28.5 | 1600 | 69 | – |
| T 7/1 Classic □ | 40 | 230/23 | 1000 | 63 | D |
| BV 5/1 | 61 | 244/24.4 | 1150 | 64 | E |
| **Battery-powered machines** | | | | | |
| T 9/1 Bp | 61 | 244/24.4/123/12.3 | 1150/330 | 68/58 | E |
| BV 5/1 Bp | 61 | 244/24.4/123/12.3 | 1150 | 64/58 | E |
| **EB machines** | | | | | |
| EB 30/1 Adv Li-Ion | – | – | – | 56 | – |
| EB 30/1 Li-Ion | – | – | – | 56 | – |
| **Upright brush-type vacuum cleaners** | | | | | |
| CV 60/2 RS Bp Pack | 34 | 117/11.7 | 1224 | 68 | – |
| CV 60/2 RS | 34 | 117/11.7 | 1224 | 68 | – |
| CV 66/2 | 2 × 52 | 143/14.3 | 1650 | 73 | – |
| CV 48/2 Adv | 48 | 250/25 | 1050 | 67 | B |
| CV 48/2 | 48 | 250/25 | 1050 | 67 | B |
| CV 38/2 Adv | 48 | 250/25 | 1050 | 67 | C |
| CV 38/2 | 48 | 250/25 | 1050 | 67 | C |
| CV 38/1 | 48 | 207/20.7 | 1000 | 67 | C |
| CV 30/1 | 48 | 207/20.7 | 1000 | 67 | D |

## CARPET CLEANERS

| | Max. area performance (m²/h) | Air flow (l/s) | Turbine/pump power (W) | Fresh/dirty water tank (l) |
|---|---|---|---|---|
| **Spray extraction machines and professional power brushes** | | | | |
| Puzzi 30/4 | 60–75 | 74 | 1200/70 | 30/15 |
| Puzzi 30/4 E | 60–75 | 74 | 1200/70 | 30/15 |
| Puzzi 10/2 Adv | 30–45 | 54 | 1250/80 | 10/9 |
| Puzzi 10/1 | 20–25 | 54 | 1250/40 | 10/9 |
| Puzzi 8/1 C | 12–18 | 61 | 1200/40 | 8/7 |
| PW 30/1 for Puzzi 10/2 Adv | 40–55 | – | – | – |
| PW 30/1 for Puzzi 30/4 and 30/4 E | 70–110 | – | – | – |

| | Volume flow (m³/h) | Speed (rpm) | Rated input power (W) | Weight (kg) |
|---|---|---|---|---|
| **Air blowers** | | | | |
| AB 20 | 1115 | 1355 | 102 | 11 |
| Afd | 554 | 1370 | – | 11 |

| | Area performance deep/intermediate cleaning iCapsol (m²/h) | Turbine/brush motor power (W) | Working width, brushes/suction (mm) | Fresh/dirty water tank (l) |
|---|---|---|---|---|
| **Deep carpet cleaners** | | | | |
| BRC 50/70 W Bp \| Bp Pack | 450/1250 | 375/375 | 508/610 | 76/61 |
| BRC 45/45 C | 350/1000 | 1100/600 | 410/450 | 45/38 |
| BRC 40/22 C □ | 500 / 900 | 1100/300 | 400/410 | 22/19 |
| BRC 30/15 C | 150/– | 1130/80 | 270/315 | 15/17 |
| BRS 43/500 C | –/300 | –/370 | 430/– | 7.5/– |

## STEAM CLEANERS AND STEAM VACUUM CLEANERS

| | Voltage (V) | Heating output (W) | Tank capacity (l) | Steam pressure (bar) |
|---|---|---|---|---|
| **Steam cleaners and steam vacuum cleaners** | | | | |
| SGV 8/5 \| SGV 6/5 | 220–240 | 3000 | 5 | 8/6 |
| SG 4/4 □ | 220–240 | 2300 | 4 | 4 |

## MANUAL CLEANING EQUIPMENT

| | |
|---|---|
| Cleaning trolleys and buckets | ECO!Clean Liner Press. ECO!Clean Liner. Double bucket cart with press. |
| Floor cleaning | ECO!Spray mop system. ECO!Mop set blue and red. Dustpan with sweeping slide. PVC brush. |
| Surface cleaning | Microfibre cloths: red, blue, yellow, green. Hand pad holders with covers. |
| Window cleaning | Window wiper, stainless steel. Window cleaner. |

## SCRUBBERS/SCRUBBER DRIERS

| | Working width, brushes/suction (mm) | Theoretical area performance (m²/h) | Practical area performance (m²/h) | Fresh/dirty water tank (l) |
|---|---|---|---|---|
| **Combined sweeper/scrubbing machine class** | | | | |
| B 300 R I □ | 1050–1750 / 1440 | 10500–17500 | 7350–12250 | 300/300 |
| B 250 R I | 1000/1200 / 1160/1400 | 8000–9600 | 6000–7200 | 250/250 |
| **Ride-on scrubber driers** | | | | |
| B 250 R | 1000/1200 / 1160/1400 | 8000–9600 | 6000–7200 | 250/250 |
| B 150 R Adv | 750/900 / 940/1060 | 7500–9000 | 5625–6750 | 150/150 |
| B 150 R | 750/900 / 940/1060 | 4500–5400 | 3375–4050 | 150/150 |
| B 90 R configured | 550–750 / 850/940 | 3300–4500 | 2475–3375 | 90/90 |
| B 90 R Adv Dose Bp \| Pack | 550–750 / 850/940 | 3300–4500 | 2475–3375 | 90/90 |
| B 90 R Adv Bp \| Pack | 550–750 / 850/940 | 3300–4500 | 2475–3375 | 90/90 |
| B 90 R Classic Bp \| Pack | 550–750 / 850/940 | 3300–4500 | 2475–3375 | 90/90 |
| **Step-on scrubber driers** | | | | |
| B 95 RS | 650/750 / 940 | 2600–3000 | 1950–2250 | 95/95 |
| BD 50/40 RS Bp \| Pack | 508 / 691 | 2200 | 1650 | 40/40 |
| BR 55/40 RS Bp \| Pack | 550 / 716 | 2350 | 1765 | 40/40 |
| **Walk-behind scrubber driers** | | | | |
| B 120 W | 750/900 / 940/1160 | 3000–3600 | 2250–2700 | 120/120 |
| B 80 W Bp | 650/750 / 850/940 | 2200–3000 | 1650–2250 | 80/80 |
| B 60 W Bp | 550/650 / 850/940 | 2200–2600 | 1650–1950 | 60/60 |
| B 60 C Bp Classic □ | 510/550 / 850 | 2040–2200 | 1530–1650 | 60/60 |
| B 60 W Ep | 510/550 / 850 | 2040–2200 | 1530–1650 | 60/60 |
| B 40 W Bp | 430–550 / 850 | 1700–2200 | 1275–1650 | 40/40 |
| B 40 C Bp \| Classic | 430–550 / 850 | 1700–2200 | 1275–1650 | 40/40 |
| B 40 C Ep | 430–550 / 850 | 1700–2200 | 1275–1650 | 40/40 |
| **Compact scrubber driers** | | | | |
| BD 50/50 C Bp / Pack Classic □ | 510 / 850 | 2040 | 1530 | 50/50 |
| BD 50/60 C Ep Classic □ | 510 / 850 | 2040 | 1530 | 60/60 |
| BD 43/25 C Bp / Pack □ | 430 / 770/850 | 1720 | 1290 | 25/25 |
| BD 43/35 C Ep □ | 430 / 770/850 | 1720 | 1290 | 35/35 |
| BR 40/25 C Bp \| Bp Pack | 400 / 770 | 1600 | 1200 | 25/25 |
| BR 40/25 C Eco Bp Pack | 400 / 770 | 1600 | 1200 | 25/25 |
| BD 38/12 C Bp Pack | 380 / 480 | 1500 | 1125 | 12/12 |
| BR 35/12 C Bp Pack | 350 / 450 | 1400 | 1050 | 12/12 |
| BR 40/10 C I Adv | 400 / 400 | 400 | 300 | 10/10 |
| BR 40/10 C Adv | 400 / 400 | 400 | 300 | 10/10 |
| BR 30/4 C Bp Pack | 300 / 300 | 200 | 130 | 4/4 |
| BR 30/4 C Adv | 300 / 300 | 200 | 130 | 4/4 |
| BR 30/4 C \| MF | 300 / 300 | 200 | 130 | 4/4 |
| **Mopvacs** | | | | |
| B 60/10 C □ | 600 / 600 | 2400 | 1500 | 10/10 |
| **Scrubber** | | | | |
| BRS 40/1000 C | 400 / – | 450 | – | 10 |
| **Single-disc machines** | | | | |
| BDS 51/180 C | 508 / – | – | – | 10 |
| BDS 43/180 C | 430 / – | – | – | 10 |
| BDS 51/180 C Adv | 508 / – | – | – | 10 |
| BDS 43/180 C Adv | 430 / – | – | – | 10 |
| BDS 33/180 C Adv | 330 / – | – | – | 8 |
| BDS 43/Duo C Adv | 430 / – | – | – | 10 |
| BDP 43/450 C Adv | 430 / – | – | – | – |
| **Stair/escalator cleaner** | | | | |
| BR 47/35 Esc | 470 / 470 | – | – | 35 / 35 |
| BR 45/10 Esc | 450 / 450 | – | – | – |
| BD 17/5 C | 170/200 / – | – | – | – |
| **Polishing machines** | | | | |
| BDP 50/2000 RS Bp Pack | 508 / 530 | 1780 | – | – |
| BDP 50/2000 RS Bp | 508 / 530 | 1780 | – | – |
| BDP 50/1500 C Ep | 508 / 560 | 900 | – | – |

## SWEEPERS/VACUUM SWEEPERS

| | Working width without side brush/with 1 side brush/with 2 side brushes/with 3 side brushes (mm) | Waste container (l) | Max. area performance with 1/2 side brush(es) (m²/h) | Indoor use | Outdoor use |
|---|---|---|---|---|---|
| **Ride-on vacuum sweepers** | | | | | |
| KM 170/600 R LPG | 1350/1680/2000/2400 | 600 | 23520/28000 | □ | □ |
| KM 170/600 R D | 1350/1680/2000/2400 | 600 | 23520/28000 | – | □ |
| KM 150/500 R LPG | 1200/1500/1800/2200 | 500 | 18000/21600 | □ | □ |
| KM 150/500 R D | 1200/1500/1800/2200 | 500 | 18000/21600 | – | □ |
| KM 150/500 R D Classic □ | 1200/1500/1800/– | 500 | 18000/21600 | – | □ |
| KM 150/500 R Bp Pack | 1200/1500/1800/2200 | 500 | 12000/14400 | □ | □ |
| KM 150/500 R Bp | 1200/1500/1800/2200 | 500 | 12000/14400 | □ | □ |
| KM 130/300 R LPG | 1000/1300/1550/– | 300 | 13000/15500 | □ | □ |
| KM 130/300 R D | 1000/1300/1550/– | 300 | 13000/15500 | – | □ |
| KM 130/300 R Bp Pack | 1000/1300/1550/– | 300 | 9100/10850 | □ | □ |
| KM 130/300 R Bp | 1000/1300/1550/– | 300 | 9100/10850 | □ | □ |
| KM 130/300 R D Classic □ | 1000/1300/1550/– | 300 | 13000/15500 | – | □ |
| KM 125/130 R G □ | 880/1250/1700/– | 130 | 10000/13600 | – | □ |
| KM 125/130 R D □ | 880/1250/1700/– | 130 | 10000/13600 | – | □ |
| KM 125/130 R LPG □ | 880/1250/1700/– | 130 | 10000/13600 | □ | □ |
| KM 125/130 R Bp □ | 880/1250/1700/– | 130 | 10000/13600 | □ | □ |
| KM 125/130 R Bp Pack □ | 880/1250/1700/– | 130 | 10000/13600 | □ | □ |
| KM 105/110 R LPG | 640/1050/1400/– | 110 | 7350/9800 | □ | □ |
| KM 105/110 R D | 640/1050/1400/– | 110 | 7350/9800 | – | □ |
| KM 105/110 R G | 640/1050/1400/– | 110 | 7350/9800 | – | □ |
| KM 105/110 R Bp | 640/1050/1400/– | 110 | 6300/8400 | □ | □ |
| KM 105/110 R Bp Pack | 640/1050/1400/– | 110 | 6300/8400 | □ | □ |
| KM 105/100 R LPG | 640/1050/1400/– | 100 | 7350/9800 | □ | □ |
| KM 105/100 R D | 640/1050/1400/– | 100 | 7350/9800 | – | □ |
| KM 105/100 R G | 640/1050/1400/– | 100 | 7350/9800 | – | □ |
| KM 105/100 R Bp | 640/1050/1400/– | 100 | 6300/8400 | □ | □ |
| KM 105/100 R Bp Pack | 640/1050/1400/– | 100 | 6300/8400 | □ | □ |
| KM 100/100 R D | 700/1000/1300/– | 100 | 8000/10400 | – | □ |
| KM 100/100 R LPG | 700/1000/1300/– | 100 | 8000/10400 | □ | □ |
| KM 100/100 R G | 700/1000/1300/– | 100 | 8000/10400 | – | □ |
| KM 100/100 R Bp Pack | 700/1000/1300/– | 100 | 6000/7800 | □ | □ |
| KM 100/100 R Bp | 700/1000/1300/– | 100 | 6000/7800 | □ | □ |
| KM 90/60 R G Adv Edition | 615/900/1150/– | 60 | 7200/9200 | – | □ |
| KM 90/60 R G Adv | 615/900/1150/– | 60 | 7200/9200 | – | □ |
| KM 90/60 R LPG Adv | 615/900/1150/– | 60 | 7200/9200 | □ | □ |
| KM 90/60 R G | 615/900/1150/– | 60 | 7200/9200 | – | □ |
| KM 90/60 R Bp Pack Adv Edition | 615/900/1150/– | 60 | 5400/6900 | □ | □ |
| KM 90/60 R Bp Pack Adv | 615/900/1150/– | 60 | 5400/6900 | □ | □ |
| KM 90/60 R Bp Adv | 615/900/1150/– | 60 | 5400/6900 | □ | □ |
| **Walk-behind sweepers/vacuum sweepers** | | | | | |
| KM 85/50 W Bp Pack Adv | 610/850/1050/– | 50 | 3825/4725 | □ | □ |
| KM 85/50 W Bp Pack | 610/850/1050/– | 50 | 3825/4725 | □ | □ |
| KM 85/50 W Bp Adv | 610/850/1050/– | 50 | 3825/4725 | □ | □ |
| KM 85/50 W Bp | 610/850/1050/– | 50 | 3825/4725 | □ | □ |
| KM 85/50 W G Adv | 610/850/1050/– | 50 | 3825/4725 | – | □ |
| KM 85/50 W G | 610/850/1050/– | 50 | 3825/4725 | – | □ |
| KM 75/40 W Bp Pack | 550/750/–/– | 40 | 3375/– | □ | □ |
| KM 75/40 W Bp | 550/750/–/– | 40 | 3375/– | □ | □ |
| KM 75/40 W G | 550/750/–/– | 40 | 3375/– | – | □ |
| KM 80 W G | 800/–/–/– | 40 | 1680/– | – | □ |
| KM 70/30 C Bp Pack Adv | 480/700/–/– | 42 | 2800/– | □ | □ |
| KM 70/30 C Bp Pack | 480/700/–/– | 42 | 2800/– | □ | □ |
| KM 70/30 C Bp Adv | 480/700/–/– | 42 | 2800/– | □ | □ |
| KM 70/30 C Bp | 480/700/–/– | 42 | 2800/– | □ | □ |
| KM 70/20 C 2SB | 480/700/920/– | 42 | –/3680 | □ | □ |
| KM 70/20 C | 480/700/–/– | 42 | 2800/– | □ | □ |
| KM 70/15 C | 480/700/–/– | 42 | 2800/– | □ | □ |
| KM 35/5 C | 350/–/–/– | 5 | 1480/– | □ | □ |

□ NEW □ Included in scope of delivery □ Available accessories

## SWEEPERS/VACUUM SWEEPERS

| | Max. area performance (m²/h) | Adjustable chute | 2-stage auger | Electro start | Working lights |
|---|---|---|---|---|---|
| **Snow throwers** | | | | | |
| STH 10.76 W | 2280 | □ | □ | □ | □ |
| STH 8.66 W | 1980 | □ | □ | □ | □ |
| STH 5.56 W | 1680 | □ | □ | – | – |

## VACUUM SWEEPERS AND MUNICIPAL IMPLEMENT CARRIERS

| | Working width (mm) | Waste container (l) | Max. area performance (m²/h) | Year-round use | Air conditioning |
|---|---|---|---|---|---|
| **Vacuum sweepers** | | | | | |
| MC 130 Adv □ | 1200–2250 | 1000 | 24,000 | □ | □ |
| MC 130 □ | 1200–2250 | 1000 | 24,000 | – | □ |
| MC 50 Adv Comfort | 900–1400 | 500 | 14,000 | □ | □ |
| MC 50 Adv | 900–1400 | 500 | 14,000 | □ | – |
| **Light waste vacuum cleaners** | | | | | |
| IC 15/240 W Adv | 100 | 240 | – | – | – |
| IC 15/240 W | 100 | 240 | – | – | – |

| | Total permissible weight (kg) | Weight (kg) | HP | Year-round use | Air conditioning |
|---|---|---|---|---|---|
| **Municipal implement carriers** | | | | | |
| MIC 84 | 5000 | 2450 | 84 | □ | □ |
| MIC 50 Adv | 2800/3200 | 1660 | 50 | □ | □ |
| MIC 50 | 2800/3200 | 1650 | 50 | □ | □ |
| MIC 34 C | 1750 | 850 | 34 | □ | □ |
| MIC 26 C Adv | 1750 | 850 | 26 | □ | □ |
| MIC 26 C | 1750 | 750 | 26 | □ | – |

□ NEW □ Included in scope of delivery □ Available accessories

## VEHICLE CLEANING

| | Washing height (mm) | Supply voltage (Ph/V/Hz) | Fresh water connection (l/min, bar) | Power input (kW) |
|---|---|---|---|---|
| **Gantry car washes** | | | | |
| CB 28/5 | 2800 | 3/400/50 | 100, 4–6 | 22 |
| CB 25/5 | 2500 | 3/400/50 | 100, 4–6 | 22 |
| CB 23/5 | 2300 | 3/400/50 | 100, 4–6 | 22 |
| CB 3 28/3 □ | 2800 | 3/400/50 / 3/380/60 | 50, 4–6 | 8/16 |
| CB 3 25/3 □ | 2500 | 3/400/50 / 3/380/60 | 50, 4–6 | 8/16 |
| CB 3 23/3 □ | 2300 | 3/400/50 / 3/380/60 | 50, 4–6 | 8/16 |
| **Commercial vehicle washes** | | | | |
| TB 50 | 5050 | 3/400/50 / 3/220/60 | 100, 4–6 | 5.3 |
| TB 46 | 4600 | 3/400/50 / 3/220/60 | 100, 4–6 | 5.3 |
| TB 42 | 4250 | 3/400/50 / 3/220/60 | 100, 4–6 | 5.3 |
| TB 36 | 3600 | 3/400/50 / 3/220/60 | 100, 4–6 | 5.3 |
| **Single-brush commercial vehicle washes** | | | | |
| RBS 6014 | 4205 | Varies | min. 80, 3–6 | 1.15 |
| RBS 6012 | 3645 | Varies | min. 80, 3–6 | 1.15 |

| | Flow rate (l/h) | Working pressure (bar) | Power input (kW) | Fuel consumption (kg/h) | Supply voltage (Ph/V/Hz) |
|---|---|---|---|---|---|
| **Self-service prewash units** | | | | | |
| HDS-C 8/15 E | 740 | 150 | 29.6 | – | 3/400/50 |
| HDS-C 9/15 | 900 | 150 | 5.3 | 6.9 | 3/400/50 |
| HDS-C 7/11 | 660 | 110 | 3.2 | 4.9 | 1/230/50 |

| | Number of wash bays | Working pressure (bar) | Flow rate per wash bay (l/h) | Hot water temperature (°C) | Supply voltage (Ph/V/Hz) |
|---|---|---|---|---|---|
| **Self-service multi bay units** | | | | | |
| SB MU | 4–8 | 100/120 | 500/900 | Max. 60 | 3/400/50 |
| SB MB | 2–4 | 100/120 | 500/900 | Max. 60 | 3/400/50 |
| **Steel framework for self-service wash bays** | | | | | |
| Steel framework for self-service wash bays | 1–8 | – | – | – | – |

| | Flow rate (l/h) | Working pressure (bar) | Operating temperature (°C) | Supply voltage (Ph/V/Hz) |
|---|---|---|---|---|
| **Self-service single bay units** | | | | |
| SB Wash 5/10 Fp/Ws | 500 | 100 | -20–40 | 3/400/50 |
| SB Wash 5/10 Fp | 500 | 100 | -20–40 | 3/400/50 |
| SB Wash 5/10 | 500 | 100 | 0–40 | 3/400/50 |

| | Air flow (l/s) | Vacuum (mbar) | Waste container capacity (l) | Supply voltage (Ph/V/Hz) |
|---|---|---|---|---|
| **Self-service vacuums** | | | | |
| Duo self-service vacuum | 4 × 50\|2 × 56 | 180\|210 | 2 × 25 | 1/230/50/60\|3/400/50 |
| Mono self-service vacuum | 2 × 50\|56 | 180\|210 | 25 | 1/230/50/60\|3/400/50 |
| SB V1 Eco | 61 | 230 | 45 | 1/230/50/60 |

## DRINKING WATER

| | Water amount, room temperature (l/h) | Water amount, non-carbonated, chilled (l/h) | Water amount, non-carbonated, hot (l/h) | Water amount, chilled with $CO_2$ (l/h) |
|---|---|---|---|---|
| **Water dispensers** | | | | |
| WPD 600 Advanced \| Basic | 120 | 80 | 10 | 80 |
| WPD 200 Advanced \| Basic | 120 | 40 | 10 | 40 |
| WPD 100 Advanced \| Basic | 120 | 20 | 10 | 20 |

| | Drinking water (litre/day) | Supply voltage (Ph/V/Hz) | Dimensions Brackish water L × W × H (mm) |
|---|---|---|---|
| **Water treatment** | | | |
| WPC 10000 | 240,000 | 3/400/50 | 3800 × 750 × 2000 |
| WPC 5000 | 120,000 | 3/400/50 | 2800 × 750 × 2000 |
| WPC 2500 | 60,000 | 3/400/50 | 2800 × 750 × 2000 |

## SYSTEM SOLUTION FOR CONTAINER CLEANING

| | Flow rate (l/h) | Pressure max. (bar) | Temperature max. (°C) | Electric drive (Ph/V/Hz/kW) | Weight (kg) |
|---|---|---|---|---|---|
| **Selection of modular components** | | | | | |
| Industrial pump HDI 30/10 | 3000 | 100 | 60 (85) | 3/400/50/11 | 190 |
| SHD-R 3000 stationary/mobile | 3000 | 100 | 60 | 3 × 400/50/11 SDA | 165/175 |
| HWE 4000 Gas eco!efficiency | 1300–8000 | 160 | 95 | 1 × 230/50/0.75 | 550 |
| **Selection of modular interior cleaning heads** | | | | | |
| HKF 50 P | max. 1200 | 100 | 95 | Pneumatic (4–7 bar/450 l/min) | 7 |
| HKS 100 speed control | 1200–6000 | 30–100 | 60 (80) | – | 6 |
| HKF 200 E | max. 10,000 | 200 | 95 | 3/400/50/– | 35 |
| ICH 140/14 Ps F2 □ | 7200–14,000 | 140 | 95 | – | 170 |

## MULTI-PURPOSE CLEANING TROLLEY

| | Tank volume Fresh/dirty water (l) | Low pressure (bar) | High pressure (bar) | Flow rate (l/min) | Motor rating Suction motor/pump (W) |
|---|---|---|---|---|---|
| **Multi-purpose cleaning trolley** | | | | | |
| AP 100/50 M | 100/70 | 6 | 19/50 max. | 5 | 1800/370 |

## WATER RECLAMATION

| | Recycled water production (l/h) | Voltage (V) | Weight (kg) | Dimensions L × W × H (mm) |
|---|---|---|---|---|
| **Water reclamation** | | | | |
| WRP 16000 | 16,000 | 230 | 375 | 760 × 760 × 1300 |
| WRP 8000 | 8000 | 230 | 255 | 610 × 610 × 1100 |
| WRP Car Wash | 3000 | 230 | 40 | 503 × 240 × 1863 |
| WRH 1200 Classic | 1200 | 230 | 110 | 1000 × 480 × 1600 |
| WRP 1000 Classic | 1000 | – | 45 | 660 × 450 × 1100 |
| HDR 777 \| HDR 777-VA | 600/800 | 230 | 485 | 1300 × 630 × 1300 |

## DRY ICE CLEANING

| | Tyre pressure (bar/MPa) | Dry ice consumption (kg/h) | Air flow (m³/min) | Dry ice capacity (kg) | Pellets production quantity (kg/h) |
|---|---|---|---|---|---|
| **Dry ice cleaner** | | | | | |
| IB 15/120 | 2–16/0.2–1.6 | 30–120 | 2–12 | 40 | – |
| IB 7/40 Adv | 2–10/0.2–1 | 15–50 | 0.5–3.5 | 15 | – |
| IB 7/40 Classic | 2–10/0.2–1 | 15–50 | 0.5–3.5 | 15 | – |
| **Pelletizer** | | | | | |
| IP 220 | – | – | – | – | 220 |
| IP 120 | – | – | – | – | 120 |
| IP 55 | – | – | – | – | 55 |

## PARTS CLEANING

| | Flow rate (l/h) | Working area/diameter (mm) | Max. Temperature (°C) | Load capacity (kg) | Power rating (kW) |
|---|---|---|---|---|---|
| **Parts cleaners** | | | | | |
| PC 100 M2 Bio | 900 | 1041 × 660 | 40 | 100 | 1 |
| PC 60/130 T | 4500 | 600 | 80 | 130 | 5.5 |

□ NEW □ Included in scope of delivery □ Available accessories

KÄRCHER

makes a difference

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