

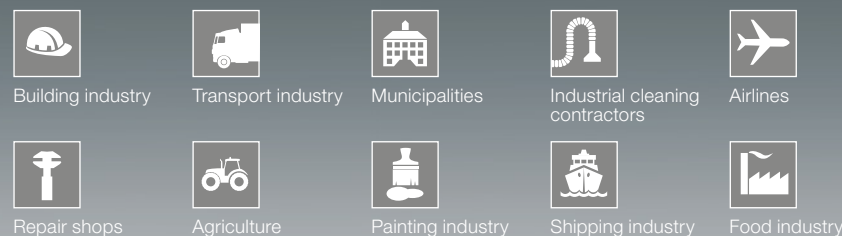
Waterjetting Systems

OERTZEN®



High Pressure Cleaners
Cold and Hot Water





Cold water for diversity, hot water for maximum effect

With their efficiency and flexibility, high pressure cleaners are the ideal cleaning option in many applications and industries. From facades to vehicles, from floors to containers or from stables to shafts, these units offer virtually unlimited potential. Oertzen has an economical solution whatever the requirements and whatever the task.

And whatever the environment: the cold-water high pressure cleaners in the Oertzen portfolio come with an electric motor, with an additional petrol engine for use in places without access to electricity or with a PTO drive. In short, you are guaranteed to find the unit that best fits your individual cleaning needs. Our cold-water high pressure cleaners impress, too, with high working pressures and flow rates, so that even the most stubborn dirt is systematically removed. For even more cleaning power, detergents can be added.

Oertzen's mobile and stationary hot-water high pressure cleaners achieve first-class results even without detergents. Thanks to their hot-water capability, these units get the cleaning job done remarkably effectively and in a comparatively short time. What's more, the specially developed Oertzen HOT BOX series of heater modules allows the positive effect of hot water to also be utilised for cold-water high pressure cleaners. If a HOT BOX is coupled up to a matching cleaner, an even wider range of cleaning tasks is possible.



When the going gets tough
The benefits of high pressure cleaning and high cleaning power are most evident when rugged materials are exposed to frequent soiling.



Precise working
High pressure cleaners enable particularly precise cleaning. Each unit can be adapted to specific cleaning situations in combination with our innovative accessories.

Product overview

Coldwater high pressure cleaners



Hotwater high pressure cleaners



OERTZEN 305 CX



Coldwater high pressure cleaner

With its user-friendly design and high efficiency, the 305 CX is a mobile all-rounder for commercial and industrial cleaning.

Standard equipment:

10 m / 33 ft high pressure hose, insulated spray pistol, single lance with Vario and turbo nozzles, 6 m / 20 ft electric cable with safety plug

Technical characteristics	305 CX
Flow rate max.	600 l/h / 158 gal/h
Unloading pressure	160 bar / 2320 psi
Working pressure max.	160 bar / 2320 psi
Start/stop (time delay)	+
Standard voltage	230 V / 1~50 Hz
Connecting power	3.0 kW
Pump speed	2800 1/min
Detergent tank	2 x 1.5 l / 2 x 0.4 gal
Dimensions (L x W x H)	380 x 330 x 840 mm / 14.8 x 12.8 x 32.8 in
Weight	24 kg / 53 lb
Order number	710.000.103

OERTZEN Royalpower



Coldwater high pressure cleaner

Compact and highly effective: the Royalpower is not only outstandingly efficient but also impresses with handy extras like the integrated detergent tank.

Standard equipment:

10 m / 33 ft high pressure hose, insulated spray pistol, single lance with Vario nozzle, 6 m / 20 ft electric cable with CEE plug

Technical characteristics	Royalpower
Flow rate max.	1000 l/h / 264 gal/h
Unloading pressure	210 bar / 3045 psi
Working pressure max.	210 bar / 3045 psi
Start/stop (time delay)	+
Standard voltage	400 V / 3~50 Hz
Connecting power	6.4 kW
Pump speed	1450 1/min
Detergent tank	5 l / 1.3 gal
Dimensions (L x W x H)	770 x 510 x 880 mm / 30.3 x 20.1 x 34.6 in
Weight	68 kg / 150 lb
Order number	710.000.015

OERTZEN 322 KL



Coldwater high pressure cleaner

The 322 KL is a very versatile mobile unit. Features like the extra-long 15 m / 49 ft high pressure hose open up an even wider range of cleaning tasks.

Standard equipment:

15 m / 49 ft high pressure hose on an integrated hose reel, insulated spray pistol, single lance with Vario nozzle, 6 m / 20 ft electric cable with CEE plug

Technical characteristics	322 KL
Flow rate max.	960 l/h / 253 gal/h
Unloading pressure	210 bar / 3045 psi
Working pressure max.	190 bar / 2756 psi
Start/stop (time delay)	+
Standard voltage	400 V / 3~50 Hz
Connecting power	5.1 kW
Pump speed	1420 1/min
Detergent tank	15 l / 4 gal
Dimensions (L x W x H)	750 x 390 x 860 mm / 29.5 x 15.4 x 33.9 in
Weight	75 kg / 165 lb
Order number	710.000.140

OERTZEN 230 Mobil



Coldwater high pressure cleaner, petrol

The 230 Mobil features a 4-stroke petrol engine. Efficient, high pressure cleaning is thus also possible in places without access to electricity.

Standard equipment:

10 m / 33 ft JET high pressure hose (300 bar / 4351 psi), spray pistol, insulating handle, rotary double lance with variable pressure regulation

Technical characteristics	230 Mobil
Flow rate max.	900 l/h / 238 gal/h
Unloading pressure	270 bar / 3916 psi
Working pressure max.	250 bar / 3626 psi
Power source	Petrol engine
Engine / motor output	10.4 kW, 1-cyl. / 4-stroke
Pump speed	3400 1/min
Starter	Recoil rope
Thermo valve	Standard
Oil shortage device	Standard
Dimensions (L x W x H)	720 x 700 x 600 mm / 28.3 x 27.3 x 23.4 in
Weight	74 kg / 163 lb
Order number	710.108.002

OERTZEN 318 Mobil D



Coldwater high pressure cleaner, diesel

Thanks to the 318 Mobil D, high pressure cleaning is also possible in places without access to electricity. However, in contrast to the 230 Mobil, this cost-efficient unit is diesel-operated.

Standard equipment:

10 m / 33 ft high pressure hose (300 bar / 4351 psi), spray pistol, insulating handle, rotary double lance with variable pressure regulation



Even more versatile

Being independent of the mains power supply, the 318 Mobil D is suited not only for classic tasks like abrasive blasting or floor cleaning but also for cleaning in places that are hard to access such as drains or shafts.

Technical characteristics	318 Mobil D
Flow rate max.	960 l/h / 253 gal/h
Unloading pressure	230 bar / 3336 psi
Working pressure max.	210 bar / 3046 psi
Power source	7.4 kW diesel engine
Oil shortage device	Standard
Starter	Electric / recoil rope
Pump speed	1450 1/min
Thermo valve	Standard
Detergent injection	Standard
Dimensions (L x W x H)	820 x 720 x 650 mm / 32.3 x 28.3 x 25.6 in
Weight	128 kg / 254 lb
Order number	710.000.415



OERTZEN Z 200



Coldwater high pressure cleaner for PTO drive

The Z 200 uses a PTO as an alternative source of power. The unit is hence perfect for agricultural cleaning tasks.

Standard equipment:

Water filter, proportional control valve, 10 m / 33 ft hp safety hose with hose swivel, spray pistol with insulating handle, double lance with variable pressure regulation and HIP flat stream nozzle

Technical characteristics	Z 200
Flow rate	1260 l/h / 333 gal/h
Working pressure	200 bar / 2900 psi
PTO speed	540 1/min
Dimensions (L x W x H)	710 x 850 x 700 mm / 28 x 33.5 x 27.3 in
Weight	40 kg / 88 lb
Order number	710.000.219

OERTZEN M 225



Coldwater high pressure cleaner, petrol

The M 225 high pressure unit produces consistently good cleaning results, even with long-term loading. It is excellently suited for mobile use.

Standard equipment:

10 m / 33 ft high pressure hose (300 bar / 4351 psi), spray pistol, insulating handle, rotary double lance with variable pressure regulation

Technical characteristics	M 225
Water consumption max.	[15 l/min] 900 l/h / [4 gal/min] 237.8 gal/h
Unloading pressure max.	275 bar / 3989 psi
Working pressure (variable)	250 bar / 3626 psi
Engine / motor output	8.7 kW, petrol
Oil shortage device	Standard
Starter	Recoil rope
Pump speed	3400 1/min
Thermo valve	Standard
Weight	69 kg / 152 lb
Order number	710.000.463

OERTZEN Minipower



Hotwater high pressure cleaner

The Minipower impresses with high performance from an unusually compact design. The unit can be operated with either hot or cold water.

Standard equipment:

10 m / 33 ft high pressure hose, insulated spray pistol, double lance with variable pressure regulation, 5.5 m / 18 ft electric cable with safety plug

OERTZEN Trendpower



Hotwater high pressure cleaner

With its mobility, ease of use and efficiency, the Trendpower is a genuine all-rounder for hotwater cleaning. Prolonged cleaning is likewise possible owing to the spacious fuel oil tank.

Standard equipment:

10 m / 33 ft high pressure hose, insulated spray pistol, double lance with variable pressure regulation, 5.5 m / 18 ft electric cable with CEE plug

OERTZEN Superpower



Hotwater high pressure cleaner

Manoeuvrable, economical, effective: the Superpower combines all essential qualities of a good mobile solution for high pressure cleaning – and can be operated with either hot or cold water.

Standard equipment:

10 m / 33 ft high pressure hose, insulated spray pistol, double lance with variable pressure regulation, 5.5 m / 18 ft electric cable with CEE plug

OERTZEN SuperMagnum 220 ELC



Hotwater high pressure cleaner

The SuperMagnum 220 ELC puts users fully in control at all times. You can thus keep a close watch on the performance of this outstandingly efficient high pressure cleaner.

Standard equipment:

10 m / 33 ft high pressure hose, insulated spray pistol, double lance with variable pressure regulation, 4 m / 13 ft electric cable with CEE plug

Technical characteristics	Minipower
Flow rate max.	600 l/h / 142 gal/h
Unloading pressure	130 bar / 1885 psi
Working pressure max.	120 bar / 1595 psi
Water temperature	30–140 °C / 86–284 °F
Start / stop (time delay)	+
Standard voltage	230 V / 1–50 Hz
Connecting power	2.8 kW
Pump speed	2800 1/min
Detergent tank	–
Fuel oil / diesel tank	18 l / 4.8 gal
Automatic anti-scaling	–
Dimensions (L x W x H)	820 x 690 x 870 mm / 32.3 x 27.2 x 34.3 in
Weight	80 kg / 176 lb
Order number	710.000.017

Technical characteristics	Trendpower
Flow rate max.	780 l/h / 211 gal/h
Unloading pressure	187 bar / 2712 psi
Working pressure max.	170 bar / 2466 psi
Water temperature	30–130 °C / 86–284 °F
Start / stop (time delay)	+
Standard voltage	400 V / 3–50 Hz
Connecting power	4.3 kW
Pump speed	2800 1/min
Detergent tank	–
Fuel oil / diesel tank	18 l / 4.8 gal
Automatic anti-scaling	–
Dimensions (L x W x H)	820 x 690 x 870 mm / 32.3 x 27.2 x 34.3 in
Weight	90 kg / 209 lb
Order number	710.000.018

Technical characteristics	Superpower
Flow rate max.	900 l/h / 238 gal/h
Unloading pressure	190 bar / 2756 psi
Working pressure max.	180 bar / 2466 psi
Water temperature	30–140 °C / 86–284 °F
Start / stop (time delay)	+
Standard voltage	400 V / 3–50 Hz
Connecting power	5.2 kW
Pump speed	1400 1/min
Detergent tank	22 l / 5.8 gal
Fuel oil / diesel tank	25 l / 6.6 gal
Automatic anti-scaling	+
Dimensions (L x W x H)	1110 x 700 x 900 mm / 43.3 x 27.6 x 35.4 in
Weight	120 kg / 265 lb
Order number	710.000.016

Technical characteristics	SuperMagnum 220 ELC
Flow rate max.	960 l/h / 254 gal/h
Unloading pressure	230 bar / 3336 psi
Working pressure max.	210 bar / 3046 psi
Water temperature	30–140 °C / 86–284 °F
Start / stop (time delay)	+
Standard voltage	400 V / 3–50 Hz
Connecting power	6.9 kW
Pump speed	1420 1/min
Detergent tank	15 l / 4 gal
Fuel oil / diesel tank	20 l / 5.3 gal
Automatic anti-scaling	+
Dimensions (L x W x H)	1020 x 860 x 650 mm / 40.2 x 33.9 x 25.6 in
Weight	145 kg / 320 lb
Order number	710.000.025

OERTZEN Highpower



Hotwater high pressure cleaner

The Highpower certainly lives up to its name: high cleaning power coupled with a high flow rate – plus hotwater capability for high effectiveness.

Standard equipment:

10 m / 33 ft high pressure hose, insulated spray pistol, double lance with variable pressure regulation, 5.5 m / 18 ft electric cable with CEE plug



Easy-to-adjust cleaning power

The Highpower is child's play to use: simply turn the switches to select operation with hot or cold water, adjust the water temperature steplessly and regulate the addition of detergent.

Technical characteristics	Highpower
Flow rate max.	1300 l/h / 343 gal/h
Unloading pressure	220 bar / 3191 psi
Working pressure max.	200 bar / 2901 psi
Water temperature	30–140 °C / 86–284 °F
Start / stop (time delay)	+
Standard voltage	400 V / 3~50 Hz
Connecting power	8.5 kW
Pump speed	1400 1/min
Detergent tank	22 l / 5.8 gal
Fuel oil / diesel tank	25 l / 6.6 gal
Automatic anti-scaling	+
Dimensions (L x W x H)	1110 x 750 x 860 mm / 43.3 x 29.5 x 33.9 in
Weight	172 kg / 399 lb
Order number	710.000.019

OERTZEN HOT BOX 250 / 520 series



Heater module for coldwater units

The hotwater modules in the HOT BOX 250 / 520 series are a quick and easy way to make coldwater high pressure cleaners capable of operating with hot water.

Standard equipment:

Fuel-oil jerrycan 20 l / 5.3 gal, exchangeable, 2 m / 6.6 ft high pressure hose, 4 m / 13.1 ft electric cable with safety plug

Options:

Flow divider set for simultaneous use of two HOT BOXES, HOT BOXES for various low pressure applications



Technical characteristics	HOT BOX 250
Flow rate	10–21 l/min, 600–1260 l/h / 3–6 gal/min, 159–333 gal/h
Water supply pressure min.	20 bar / 290 psi
Working pressure	230 bar / 3335 psi
Unloading pressure max.	250 bar / 3625 psi
Temperature	50–150 °C, ΔT 75 °C / 122–302 °F, ΔT 167 °F
Heating capacity max.	80,000 kcal
Standard voltage	230 V / 1~50 Hz
Dimensions (L x W x H)**	690 x 700 x 900 mm / 27.2 x 27.6 x 35.4 in
Weight (net)	103 kg / 227 lbs
Consumption	8.3 kg/h / 183 lbs/h
Fuel	Diesel / fuel oil
Sound power level	98 dB max.
Order number	710.000.144

*ΔT: Maximum temperature difference
**Length incl. canister 850 mm / 33.46 in



Effective efficiency boost

The HOT BOX 250 / 520 series of hotwater generators are easy to couple up to any matching high pressure cleaner. The cleaning effect of our cold-water units is boosted in this way, so that cleaning tasks such as paint removal become a simple matter even without detergents.

Technical characteristics	HOT BOX 520
Flow rate	10–21 l/min, 600–1260 l/h / 3–6 gal/min, 159–333 gal/h
Water supply pressure min.	20 bar / 290 psi
Working pressure	500 bar / 7252 psi
Unloading pressure max.	520 bar / 7542 psi
Temperature	50–150°C, ΔT 75 °C / 122–302 °F, ΔT 167 °F
Heating capacity max.	80,000 kcal
Standard voltage	230 V / 1~50 Hz
Dimensions (L x W x H)**	690 x 700 x 900 mm / 27.2 x 27.6 x 35.4 in
Weight (net)	103 kg / 227 lbs
Consumption	8.3 kg/h / 183 lbs/h
Fuel	Diesel / fuel oil
Sound power level	98 dB max.
Order number	710.000.827



Quality means reliability

With more than 70 years of experience in waterjetting systems, we know where your priorities lie – in the consistently high quality of our products and our service, for instance. You can trust your Oertzen units to be available whenever you need them and get the maximum possible benefit from our outstandingly efficient solutions.

Support you can depend on

At Oertzen, we put the focus on customers and their individual requirements. With comprehensive advice upfront of your purchase, we help you find the solution that best matches your needs – and show you how to finance it. We continue to support you afterwards with a broad array of services. Our service technicians are at hand to assist within 24 hours – anywhere in Germany. You can also rely on our export partners to provide competent support not just throughout Europe but on every continent.

Special requests welcome

Have you got any comments, criticisms or suggestions for improvements? We appreciate your feedback and we'll do our best to make adjustments for the future. If your requirements or ideas are very specific, we can supply you instead with a custom-made solution that's tailored to your cleaning demands.

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Von Oertzen GmbH is part of the Hako Group – an association of quality manufacturers dedicated to excellent results in professional surface cleaning.