

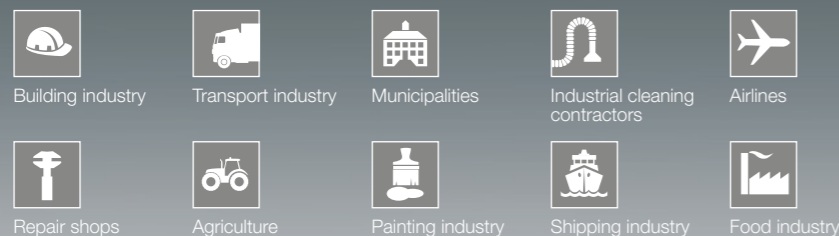
Waterjetting Systems

OERTZEN®



*Industrial
high pressure cleaners
Cold and hot water*





Cleanliness as an economic factor

High standards of cleanliness are a must in industry. After all, dirty surfaces, containers, vessels or equipment can jeopardise work safety and process reliability and have a negative impact on efficiency and productivity.

Oertzen offers a wide range of industrial high pressure cleaners to enable contamination due to specific materials, greasy oil residues or deposits to be systematically removed. These units operate economically, efficiently and – thanks to high quality workmanship – with consistently high reliability even in heavy-duty use. Oertzen's industry portfolio includes practical mobile units, high pressure cleaners with an autonomous power supply and high performance cleaning equipment.



Maximum efficiency

High pressure cleaning is effective and economical at once – an important advantage, especially with more and more surfaces needing to be cleaned.



Maximum durability

Oertzen's high pressure cleaners for industry are made from rugged materials and designed for top performance in continuous operation.



Product overview

Cold-water high pressure cleaners, Electric Series



Cold-water high pressure cleaners, Mobil Series



Heater modules

Cold and hot-water cleaners, diesel engine Cold and hot-water high pressure trailers





OERTZEN Profi Series

Enormous working pressures of up to 170 bar, high quality components and single-phase motors make the cold-water high pressure cleaners in Oertzen's Profi series reliable tools for applications in industry and commerce. These units are renowned for their high cleaning power and durability, even in constant use in tough conditions. Tasks such as high pressure cleaning or abrasive treatment of concrete or facades can be carried out particularly efficiently using the high quality professional equipment in our Profi range. With many different options and optimally matched accessories available, Oertzen has the right solution whatever the requirements.

OERTZEN 308 Profi



Cold-water high pressure cleaner

The smallest model among our industrial high pressure cleaners is especially easy to operate, ruggedly built and efficient in use.

Standard equipment:

10 m/33 ft JET hp hose (300 bar/4351 psi), with swivel joint, spray gun, double lance with fully adjustable pressure regulation, HIP flat-jet nozzle with nozzle protection, low pressure detergent injector, 4 m/14 ft electric cable with safety plug

Technical characteristics	308 Profi
Flow rate max.	480 l/h / 127 gal/h
Unloading pressure max.	130 bar / 1,885 psi
Working pressure max.	120 bar / 1,740 psi
Pump speed	1,420 rpm
Connecting power	2.0 kW
Voltage	230 V / 1~50 Hz
Amperage	11 A
Dimensions (L x W x H)	520 x 290 x 280 mm 20.5 x 11.4 x 10.9 in
Weight	30 kg / 66 lb
Order number	710.000.279

OERTZEN 312/314 Profi



Cold-water high pressure cleaners

Oertzen's 312 and 314 Profi high pressure cleaners are powerful and suited for a wide range of tasks, example for abrasive blasting or for cleaning facades, floors, containers or vessels.

Standard equipment:

10 m/33 ft JET hp hose, spray gun, insulated grip, rotary double lance with pressure regulation, HIP nozzle, 4 m/14 ft electric cable with safety plug



Technical characteristics	312 Profi	314 Profi
Flow rate max.	620 l/h / 164 gal/h	760 l/h / 201 gal/h
Unloading pressure	190 bar / 2,755 psi	160 bar / 2,320 psi
Working pressure max.	170 bar / 2,465 psi	140 bar / 2,030 psi
Pump speed	1,420 rpm	1,420 rpm
Connecting power	3.5 kW	3.5 kW
Voltage	230 V / 1~50 Hz	230 V / 1~50 Hz
Amperage	15,5 A	15,5 A
Injector suction capacity max.	10 %	10 %
Dimensions (L x W x H)	500 x 280 x 310 mm 19.5 x 10.9 x 12.1 in	500 x 280 x 310 mm 19.5 x 10.9 x 12.1 in
Weight	34 kg / 84 lb	34 kg / 84 lb
Order number	710.000.303	710.000.302



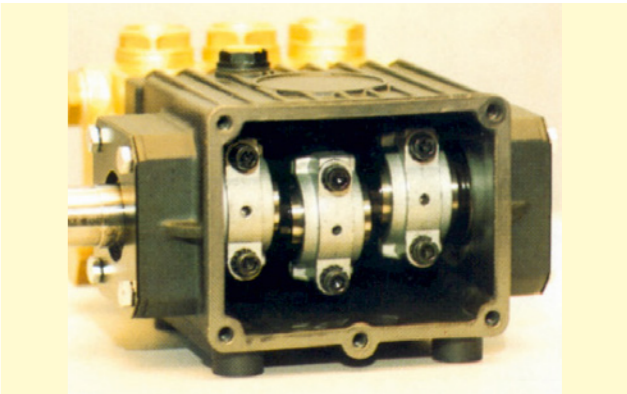
Flexibility through versatility

The units in the Profi series impress with their enormous diversity: as well as giving surfaces and objects a thorough clean, they are also ideal for special tasks – such as removing grease or cleaning drains.



Quality workmanship for quality results

The three-cylinder in-line plunger pump ensures optimum cleaning results and features high quality ceramic plungers, stainless steel valves, a forged crankshaft and a brass cylinder head. Thanks to first-class workmanship, this pump also works reliably in continuous operation and requires only minimal maintenance.





OERTZEN Electric Series

Oertzen's innovative and ultra-compact Electric series for 160 to 1,000 bar working pressure consists of all-round units for heavy-duty or industrial cleaning tasks which are in constant use in tough conditions. The sturdy, powder-coated, transportable steel frame, which is generally mounted on a tandem axle with four large wheels, ensures a high degree of mobility. All components are designed to offer maximum durability and work without any problems in continuous operation. Planners and users alike are grateful for the extra peace of mind. Oertzen electric motors have a duty cycle of 100 %. Our 3- or 5-cylinder in-line plunger pumps feature wear-free ceramic plungers, forged brass cylinder heads and stainless steel valves. The electric motor and the pump are flanged to one another directly and require no maintenance apart from an annual oil change. Thermo valves and micro water filters protect the pump additionally and enable trouble-free, uninterrupted operation throughout a long service life.

OERTZEN E 200 -16 / E 200 -23



Cold-water high pressure cleaners

Our entry-level class for industrial cleaning with reliable results every time: the E 200 series with 160 or 230 bar working pressure.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar/7252 psi), swivel joint, spray gun, rotary double lance with pressure regulation, 5 m/17 ft electric cable with 16 A CEE plug

Optional:

Explosion-proof designs, various special voltages, version for use with seawater or demineralised water, also available as a motor/pump set (hp units)

Technical characteristics	E 200 -16	E 200 -23
Flow rate max.	960 l/h / 254 gal/h	1,380 l/h / 364 gal/h
Unloading pressure	250 bar / 3,625 psi	180 bar / 2,610 psi
Working pressure max.	230 bar / 3,335 psi	160 bar / 2,320 psi
Pump speed	1,420 rpm	1,420 rpm
Connecting power	6.5 kW	6.5 kW
Voltage	400 V / 3~50 Hz	400 V / 3~50 Hz
Thermo valve	+	+
Water shortage control	–	–
Dimensions (L x W x H)	630 x 540 x 630 mm 24.5 x 21 x 24.5 in	630 x 540 x 630 mm 24.5 x 21 x 24.5 in
Weight	85 kg / 187 lb	85 kg / 187 lb
Order number	710.000.200	710.000.201

OERTZEN E 240



Cold-water high pressure cleaner

The E 240 combines a high flow rate with practical mobility. This unit is perfect for intensive industrial cleaning tasks – and requires almost no maintenance.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar/7252 psi), swivel joint, spray gun, rotary double lance with pressure regulation, 5 m/17 ft electric cable with 16 A CEE plug

Optional:

Explosion-proof designs, various special voltages, version for use with seawater or demineralised water, also available as a motor/pump set (hp units)

Technical characteristics	E 240
Flow rate max.	1,380 l/h / 364 gal/h
Unloading pressure	250 bar / 3,625 psi
Working pressure max.	230 bar / 3,335 psi
Pump speed	1,420 rpm
Connecting power	8.9 kW
Voltage	400 V / 3~50 Hz
Thermo valve	+
Water shortage control	–
Dimensions (L x W x H)	700 x 600 x 720 mm / 27.3 x 23.4 x 28 in
Weight	96 kg / 212 lb
Order number	710.000.328

OERTZEN E 320



Cold-water high pressure cleaner

The E 320 is built using high quality components that withstand even the most intensive stresses in continuous operation – from floor and facade cleaning to abrasive blasting and water sandblasting.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar/7252 psi), swivel joint, spray gun, rotary double lance with pressure regulation, 5 m/17 ft electric cable with 32 A CEE plug

Optional:

Explosion-proof designs, various special voltages, version for use with seawater or demineralised water, also available as a motor/pump set (hp units)

Technical characteristics	E 320
Flow rate max.	1,320 l/h / 348 gal/h
Unloading pressure	330 bar / 4,785 psi
Working pressure max.	310 bar / 4,495 psi
Pump speed	1,420 rpm
Connecting power	12.5 kW
Voltage	400 V / 3~50 Hz
Thermo valve	+
Water shortage control	+
Dimensions (L x W x H)	700 x 600 x 720 mm / 27.3 x 23.4 x 28 in
Weight	112 kg / 247 lb
Order number	710.000.304

OERTZEN E 334



Cold-water high pressure cleaner

The E 334 is sturdy, reliable and effective. This unit also ships with a wheel kit for easier transport and increased flexibility in use.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar / 7252 psi), swivel joint, spray gun, rotary double lance with pressure regulation, 5 m/17 ft electric cable with 32 A CEE plug

Optional:

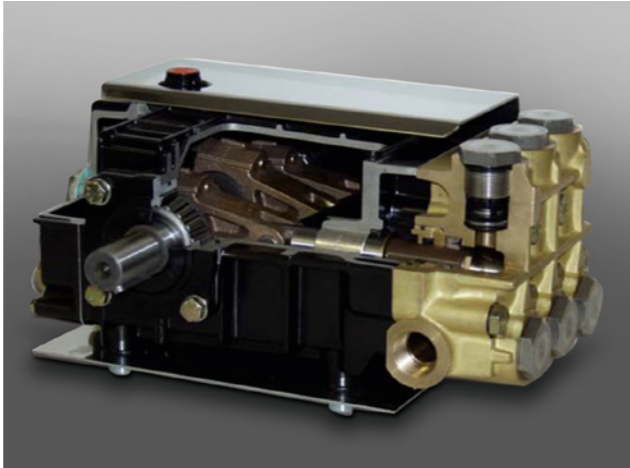
Various special voltages, version for use with seawater or deionised water, also available as a motor / pump set (hp units)

Technical characteristics	E 334
Flow rate max.	2,000 l/h / 528 gal/h
Unloading pressure	230 bar / 3,335 psi
Working pressure max.	210 bar / 3,045 psi
Pump speed	1,420 rpm
Connecting power	12.5 kW
Voltage	400 V / 3~50 Hz
Thermo valve	+
Water shortage control	+
Dimensions (L x W x H)	780 x 690 x 800 mm / 30.4 x 26.9 x 31.2 in
Weight	146 kg / 322 lb
Order number	710.000.334



Effective cooperation

The plunger pumps in our E series are flanged to a high performance electric motor. Above-average working pressure is achieved in this way depending on the model and even demanding tasks such as decoating, derusting or paint removal are not a problem. In spite of this, the pump and motor run at low speed and are therefore comparatively quiet.



OERTZEN E 400



Cold-water high pressure cleaner

The E 400 is a particularly economical solution for high pressure cleaning.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar / 7252 psi), swivel joint, spray gun, single lance with support grip, 5 m/17 ft electric cable with 32 A CEE plug

Optional:

Explosion-proof designs, various special voltages, version for use with seawater or demineralised water, also available as a motor / pump set (hp units)

Technical characteristics	E 400
Flow rate max.	1,320 l/h / 348 gal/h
Unloading pressure	405 bar / 5,873 psi
Working pressure max.	385 bar / 5,583 psi
Pump speed	1,420 rpm
Connecting power	16.6 kW
Voltage	400 V / 3~50 Hz
Thermo valve	+
Water shortage control	+
Dimensions (L x W x H)	800 x 600 x 745 mm / 31.2 x 23.4 x 29 in
Weight	153 kg / 337 lb
Order number	710.000.334

OERTZEN E 500 - 17



Cold-water high pressure cleaner

Thanks to its high cleaning power, the E 500-17 masters even the most demanding tasks such as repairing concrete or removing paint, rust and coatings.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar / 7252 psi), swivel joint, spray gun, single lance with support grip, 5 m/17 ft electric cable with 32 A CEE plug

Optional:

Explosion-proof designs, various special voltages, version for use with seawater or demineralised water, also available as a motor / pump set (hp units)

Technical characteristics	E 500-17
Flow rate max.	1,020 l/h / 270 gal/h
Unloading pressure	530 bar / 7,685 psi
Working pressure max.	500 bar / 7,250 psi
Pump speed	1,420 rpm
Connecting power	16.6 kW
Voltage	400 V / 3~50 Hz
Thermo valve	+
Water shortage control	+
Dimensions (L x W x H)	800 x 600 x 800 mm / 31.2 x 23.4 x 31.2 in
Weight	160 kg / 350 lb
Order number	710.000.517

OERTZEN E 500 - 30



Cold-water high pressure cleaner

Stubborn dirt and harsh cleaning environments are no problem for the E 500 - 30. Containers, vessels, drains and floors reliably, for example, can be cleaned reliably with this unit.

Standard equipment:

10 m/33 ft PANZERJET hp safety hose (500 bar/7252 psi), swivel joint, spray gun, single lance with support grip, 800 mm/31 in nozzle tube with lateral support grip, 5 m/17 ft electric cable with 63 A CEE plug

Technical characteristics	E 500 - 30
Flow rate max.	1,800 l/h / 475 gal/h
Unloading pressure	520 bar / 7,542 psi
Working pressure max.	500 bar / 7,252 psi
Pump speed	1,450 rpm
Connecting power	25 kW
Voltage	400 V / 3~50 Hz
Thermovalve	+
Water shortage control	+
Starter	Automatic star-delta
Motor cooling	Air
Dimensions (L x W x H)	960 x 780 x 860 mm / 37.4 x 30.4 x 33.5 in
Weight	260 kg / 573 lb
Order number	710.000.480

OERTZEN E 1000



Cold-water high pressure cleaner

For use in extreme conditions in industry, on construction sites or in maritime transport: the high performance E 1000 impresses with a compact and exceptionally rugged design that is ideal for long periods of use. Chassis available as an option.

Standard equipment:

20 m/66 ft SOOPERJET hp hose with arrester cable and swivel joint, dump gun, 920 mm/36 in VA spray lance, spray nozzle, 10 m/33 ft electric cable with 63 A CEE plug

Optional:

Wheel kit (Order number 710.000.588)

Technical characteristics	E 1000
Flow rate max.	1080 l/h / 285 gal/h
Unloading pressure max.	1,050 bar / 15,225 psi
Working pressure max.	1,000 bar / 14,500 psi
Pump speed	980 rpm
Pressure relief valve with rupture disc	Standard
Electric motor / connecting power	30 kW
Voltage	400 V / 3~50 Hz
Motor control management	Standard
Starter	Star-delta connection
Water shortage control	+
Dimensions (L x W x H)	1,275 x 580 x 1,090 mm / 49.7 x 22.6 / 42.5 in
Weight	460 kg / 1,014 lb
Order number	710.000.586



OERTZEN E 1700



Cold-water high pressure cleaners

The E 1700 works with ultra-high pressure. It is consequently ideal for special cleaning tasks such as derusting, decoating or renovation.

Standard equipment:

10 m/33 ft ultra-hp hose with connecting cable for electronic control unit, ultra-hp rotary gun with nozzle insert (sapphire nozzle), water feeding pump 400 V/50 Hz, 6–8 bar/ 87–116 psi, pre-pressure compensator with automatic air vent, 2 bar/29 psi pressure minimiser, electric cable with 32 A phase inverter plug

Technical characteristics	E 1700
Flow rate max.	138 l/h / 36 gal/h
Unloading pressure max.	1,700 bar / 24,650 psi
Working pressure	1,700 bar / 24,650 psi
Connecting power	9.9 kW
Voltage	400 V / 3~50 Hz
Pump speed	1,420 rpm
Amperage	16 A
Dimensions (L x W x H)	860 x 630 x 710 mm / 33.5 x 24.5 x 27.7 in
Weight	148 kg / 326 lb
Order number	710.000.528

OERTZEN E 1800 / E 2500



Cold-water ultra-high pressure cleaners

The E 1800 and E 2500 high pressure cleaners are extremely sturdy, high performance units and virtually non-wearing. Compared to other units in the same performance class, they have a very compact design and are ideal for use where only limited space is available, for example in applications on board ships or offshore platforms.

Standard equipment:

20 m/66 ft hp hose, hp spray gun with 750 mm/29 in lance and flat-jet nozzle, control cable for electric gun, rotor jet with three nozzles and eddy current brake, 5 m/17 ft electric cable with 125 A connection

Technical characteristics	E 1800 400 V	E 1800 440 V
Flow rate max.	660 l/h / 174 gal/h	840 l/h / 222 gal/h
Working pressure	1,800 bar / 26,100 psi	1,800 bar / 26,100 psi
Connecting power	45 kW	45 kW
Voltage	400 V / 3~50 Hz	400 V / 3~50 Hz
Dimensions (L x W x H)	1,360 x 550 x 1,330 mm 53 x 21.4 x 51.8 in	1,360 x 550 x 1,330 mm 53 x 21.4 x 51.8 in
Weight	750 kg / 1,654 lb	750 kg / 1,654 lb
Order number	710.000.008	710.000.009

Technical characteristics	E 2500 400 V	E 2500 440 V
Flow rate max.	480 l/h / 127 gal/h	540 l/h / 143 gal/h
Working pressure	2,500 bar / 36,250 psi	2,500 bar / 36,250 psi
Connecting power	45 kW	45 kW
Voltage	400 V / 3~50 Hz	400 V / 3~50 Hz
Dimensions (L x W x H)	1,360 x 550 x 1,330 mm 53 x 21.4 x 51.8 in	1,360 x 550 x 1,330 mm 53 x 21.4 x 51.8 in
Weight	750 kg / 1,654 lb	750 kg / 1,654 lb
Order number	710.000.004	710.000.007



OERTZEN Mobil Series

The compact and rugged machines in Oertzen's Mobil series are ideal wherever cleaning has to be carried out independently of the power supply. They are designed for any commercial and industrial application where continuous high performance is vital for a variety of cleaning and blasting tasks. These high pressure units are suspended in a sturdy, powder-coated, transportable steel frame. The tandem axle has four large wheels for problem-free transport, no matter how uneven the floor. Robust industrial engines (power source: petrol engine) with an oil shortage device, a reduction gearbox for crankshaft pumps operating continuously at low speed and electric starters (M 320 and higher) all form part of a comprehensive package. All units in our Mobil series have a 5" micro water filter and a thermo valve as added protection to prevent the pump from overheating. All in all, the high pressure pump requires very little maintenance and a long service life is guaranteed.

OERTZEN Mobil 240



Cold-water high pressure cleaner

The Mobil 240 is compact, rugged and versatile thanks to the autonomous power supply with a combustion engine. An oil shortage device and a thermo valve ensure optimal safety in use.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar/7,252 psi), swivel joint, spray gun (300 bar/4,351 psi), rotary double lance, 660 mm/26, with pressure regulation, spray nozzle

Technical characteristics	Mobil 240
Flow rate max.	1,320 l/h / 349 gal/h
Unloading pressure	260 bar / 3,771 psi
Working pressure max.	230 bar / 3,336 psi
Pump speed	1,420 rpm
Engine / motor output	10.3 kW
Tank capacity	7 l / 1.8 gal
Thermo valve	+
Oil shortage device	+
Starter	Recoil rope
Dimensions (L x W x H)	720 x 640 x 610 mm / 28.3 x 25.2 x 24 in
Weight	105 kg / 231 lb
Order number	710.000.240



OERTZEN Mobil 320



Cold-water high pressure cleaner

An autonomous power supply and reliable safety components are also hallmarks of the Mobil 320. The unit can be upgraded with a HOT BOX 500 heater module for an enhanced cleaning effect.

Standard equipment:
10 m/33 ft PANZERJET hp hose (500 bar/7252 psi), swivel joint, spray gun (330 bar/4785 psi), rotary double lance, 660 mm/26, with pressure regulation, micro water filter 5", spray nozzle



Economical and vigorous high pressure cleaning with Oertzen's Mobile series – no power supply required up to a maximum of 500 bar.



The turbo blaster – a combination of a round-jet and a flat-jet nozzle – removes dirt and paint quickly and effectively.

Technical characteristics	Mobil 320
Flow rate max.	1,380 l/h / 364 gal/h
Unloading pressure	335 bar / 4,858 psi
Working pressure	310 bar / 4,496 psi
Engine / motor output	17 kW
Pump speed	1,420 rpm
Full load consumption (petrol, unleaded)	5.4 l/h / 1.4 gal/h
Tank capacity	20 l / 5.3 gal
Oil shortage device	+
Water shortage control	+
Thermo valve	+
Starter	Battery
Dimensions (L x W x H)	860 x 780 x 690 mm / 33.5 x 30.4 x 26.9 in
Weight	151 kg / 333 lb
Order number	710.000.555

OERTZEN Mobil 400



Cold-water high pressure cleaner

With its high performance pump and 4-stroke petrol engine, the Mobil 400 is suitable for industrial cleaning of manholes, facades and more.

Standard equipment:
10 m/33 ft PANZERJET hp hose (500 bar/7252 psi), swivel joint, spray gun (500 bar/7252 psi), 800 mm/26 in single lance with support grip, 5" micro water filter, spray nozzle

Technical characteristics	Mobil 400
Flow rate max.	1,320 l/h / 348 gal/h
Unloading pressure	405 bar / 5,873 psi
Working pressure max.	385 bar / 5,583 psi
Pump speed	1,420 rpm
Engine / motor output	17 kW
Tank capacity	20 l / 5.3 gal
Oil shortage device	+
Water shortage control	+
Thermo valve	+
Starter	Battery
Dimensions (L x W x H)	890 x 780 x 690 mm / 33.5 x 30.4 x 26.9 in
Weight	153 kg / 337 lb
Order number	710.000.566

OERTZEN Mobil 500



Cold-water high pressure cleaner

As the largest model in the Mobil series, the Mobil 500 convinces with its flexibility in use, even for labour-intensive tasks such as concrete repair, derusting or decoating.

Standard equipment:
10 m/33 ft PANZERJET hp hose (500 bar/7252 psi), swivel joint, spray gun (500 bar/7252 psi), 800 mm/26 in single lance with support grip, 5" micro water filter, spray nozzle

Technical characteristics	Mobil 500
Flow rate max.	1,020 l/h / 270 gal/h
Unloading pressure	520 bar / 7,540 psi
Working pressure max.	500 bar / 7,252 psi
Pump speed	1,420 rpm
Engine / motor output	17 kW
Tank capacity	20 l / 5.3 gal
Oil shortage device	+
Water shortage control	+
Thermo valve	+
Starter	Battery
Dimensions (L x W x H)	1,020 x 780 x 690 mm / 39.8 x 30.4 x 26.9 in
Weight	157 kg / 346 lb
Order number	710.000.521



OERTZEN heater modules

In some situations, cold water is not sufficient for effective cleaning. Our HOT BOX heater modules can be used to upgrade cold-water high pressure cleaners and make them capable of operating with hot water. Not only do they add flexibility and diversity; they also enable more economical and more eco-friendly cleaning. By using hot water, you can save on detergent and cut your costs.

OERTZEN HOT BOX 250 / 520 Series



Heater modules for cold-water units

The hot-water modules in the HOT BOX 250/520 series are a quick and easy way to make cold-water 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 hp hose, 4 m/13.1 ft electric cable with safety plug

Optional:

Flow divider set for simultaneous use of two HOT BOXES; HOT BOXES can also be supplied for various low pressure applications



Technical characteristics	HOT BOX 250
Flow rate	600–1,260 l/h / 159–333 gal/h
Water supply pressure	Min. 20 bar / 290 psi
Working pressure	230 bar / 3,336 psi
Water temperature	50–150 °C / ΔT* 75 °C / 122–302 °F / ΔT* 167 °F
Heating capacity max.	80,000 kcal/h
Voltage	230 V / 1–50 Hz
Dimensions (L x W x H)**	690 x 700 x 900 mm / 27.1 x 27.6 x 35.4 in
Weight (net)	103 kg / 227 lb
Consumption	8.3 kg/h / 18.3 lb/h
Fuel	Diesel / fuel oil
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 hot-water 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	600–1,260 l/h / 159–333 gal/h
Water supply pressure	Min. 20 bar / 290 psi
Working pressure	500 bar / 7252 psi
Water temperature	50–150 °C / ΔT* 75 °C / 122–302 °F / ΔT* 167 °F
Heating capacity max.	80,000 kcal/h
Voltage	230 V / 1–50 Hz
Dimensions (L x W x H)**	690 x 700 x 900 mm / 27.1 x 27.6 x 35.4 in
Weight (net)	103 kg / 227 lb
Consumption	8.3 kg/h / 18.3 lb/h
Fuel	Diesel / fuel oil
Order number	710.000.827

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





OERTZEN Diesel High Pressure Cleaners

Oertzen's diesel high pressure cleaners ship with high performance industrial engines for maximum flexibility and cost-effective use independently of an external power supply. The high quality workmanship and long service life likewise help to make these high pressure cleaners such efficient tools. With their ingenious technical details and various expansion options, they are suited for a wide range of applications.



OERTZEN D 300 H



Hot-water high pressure cleaner

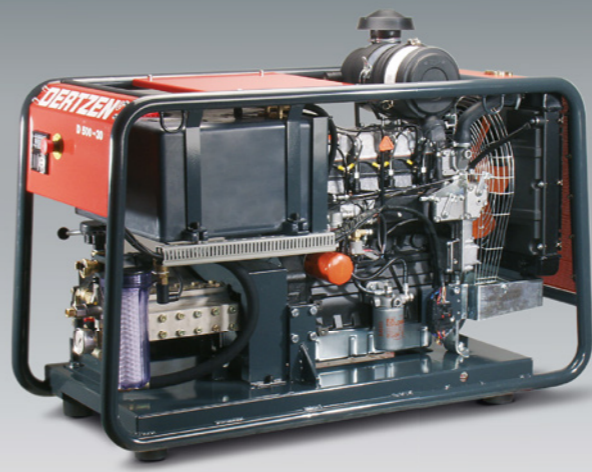
The D 300 H can be installed as a base frame unit together with accessories in vehicles or trailers and used for a wide range of mobile cleaning tasks.

Standard equipment:

10 m/33 ft PANZERJET hp hose (500 bar / 7252 psi), swivel joint, spray gun (330 bar / 4786 psi), fully adjustable double lance with twist grip, spray nozzle

Technical characteristics	D 300 H
Flow rate max.	1,320 l/h / 348 gal/h
Unloading pressure max.	330 bar / 4786 psi
Working pressure (adjustable)	300 bar / 4,351 psi
Pump speed	1,450 rpm
Water temperature (adjustable)	95 °C / 203 °F
Engine / motor output	18 kW
Water tank (optional)	500 l / 132 gal
Fuel tank (fuel oil)	48 l / 12.7 gal
Diesel tank	48 l / 12.7 gal
Dimensions (L x W x H)	1,200 x 1,330 x 1,050 mm 47.2 x 52.4 x 41.3 in
Weight	423 kg / 933 lb
Boiler module output	110,000 kcal/h
Order number	710.000.637

OERTZEN D 500



Cold-water high pressure cleaner

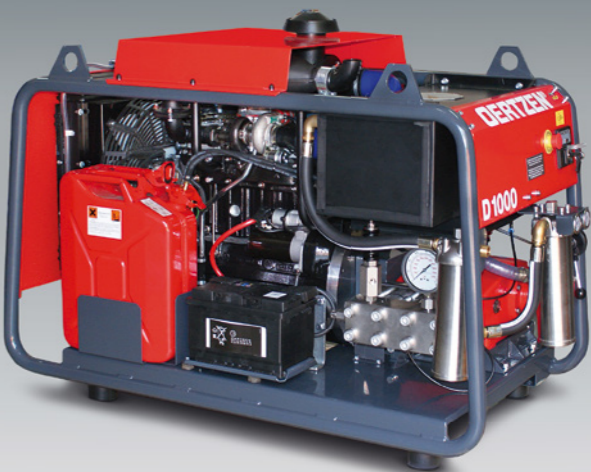
In addition to highly effective cleaning, the D 500 is characterised by reliable safety components such as an oil radiator, water filter and thermo valve.

Standard equipment:

20 m/66 ft PANZERJET hp safety hose (500 bar / 7252 psi), spray gun with swivel joint, 800 mm/31 in nozzle tube with lateral support grip, spray nozzle

Technical characteristics	D 500 - 30
Flow rate max.	1,800 l/h / 475 gal/h
Unloading pressure	520 bar / 7,540 psi
Working pressure max.	500 bar / 7,252 psi
Pump speed	1,450 rpm
Power source (diesel 4-stroke)	4-cylinder
Engine / motor output	33 kW
Starter	Battery
Oil radiator / rpm control	Standard
Dimensions (L x W x H)	1,370 x 820 x 1,080 mm 53.4 x 32 x 42.1 in
Weight	408 kg / 900 lb
Order number	710.000.590

OERTZEN D 1000



Cold-water high pressure cleaner

The D 1000 is rugged and built for heavy-duty use – yet thanks to the MEGI rubber feet, it can still be elastically mounted and with its lifting lugs it is very easy to load.

Standard equipment:

20 m/66 ft SOOPERJET hp hose with arrester cable and swivel joint, dump gun, 920 mm/36 in VA spray lance, spray nozzle

Technical characteristics	D 1000
Flow rate max.	1,080 l/h / 285 gal/h
Unloading pressure	1,050 bar / 15,225 psi
Working pressure max.	1,000 bar / 14,500 psi
Pump speed	1,450 rpm
Pressure relief valve with rupture disc	Standard
Engine / motor output	45 kW
Power source (turbo diesel)	4-cylinder (water-cooled)
Engine control management	Standard
Starter	Battery
Water shortage control	+
Dimensions (L x W x H)	1,400 x 990 x 1,180 mm 54.6 x 38.6 x 46 in
Weight	570 kg / 1,257 lb
Order number	710.000.589

OERTZEN Powertrailer 350 / 520



Powertrailers

Oertzen Powertrailers have a compact design and are mounted on a single-axle or tandem chassis. Large water and diesel tanks allow long periods of trial use independently of external supplies.

All trailers are powered by an industrial, water-cooled diesel engine. Durable crankshaft pumps running at low speed ensure trouble-free, continuous use for cleaning and blasting tasks.

A lockable hood protects the equipment from external influences.

Cold and hot-water high pressure trailers

Our Powertrailer 350 and 520 models represent the next generation of high pressure trailers. They are capable of operating with both cold and hot water.

Standard equipment:

20 m/66 ft PANZERJET hp hose (500 bar/7252 psi), swivel joint, spray gun and spray lance with support grip, 35 m/115 ft water hose, 9.75" micro water filter



Technical characteristics	Powertrailer 350	Powertrailer 520
Flow rate	1,380 l/h / 365 gal/h	1,800 l/h / 475 gal/h
Unloading pressure	385 bar / 5,584 psi	520 bar / 7,549 psi
Working pressure (adjustable)	350 bar / 5,076 psi	500 bar / 7,252 psi
Water temperature (adjustable)	50–120 °C / 122–248 °F	50–120 °C / 122–248 °F
Engine / motor output	26 kW	33 kW
Pump speed	1,750 rpm	1,750 rpm
Water tank	600 l / 158 gal	600 l / 158 gal
HOT BOX output	75,000 kcal/h	75,000 kcal/h (2x)
HOT BOX fuel	Fuel oil (EL)	Fuel oil (EL)
HOT BOX diesel tank	75 l / 19.8 gal	75 l / 19.8 gal
Anti-scaling system	+	+
Dimensions (L x W x H)	3,370 x 1,650 x 1,530 mm 132.7 x 65 x 60.2 in	3,370 x 1,650 x 1,530 mm 132.7 x 65 x 60.2 in
Weight	900 kg / 1,984 lb	1,050 kg / 2,315 lb
Order number	710.000.661	710.000.660

OERTZEN Powertrailer 500



Both hot and cold-water cleaning are likewise possible with the Powertrailer 500. The built-in power generator and ample storage space are other features of this trailer.

Standard equipment:

Stainless steel body with PE hood and rear door, holder for clean and safe storage of nozzles, storage space for tools and work clothes, hose reel with 10 m/33 ft 3/4" feed water hose, hose reel with 30 m/98 ft PANZERJET hp hose

(500 bar/7252 psi), anti-scaling system, frost protection, safety circuits for low water, oil pressure and engine temperature, spray gun (servo-assisted) with spray lance and HIP flat-jet nozzle

Technical characteristics	Powertrailer 500
Flow rate	500–1,800 l/h / 132–475 gal/h
Unloading pressure	500 bar / 7,252 psi
Working pressure	100–500 bar / 1,450–7,252 psi
Pump speed	1,450 rpm
Water temperature (adjustable)	50–120 °C / 122–248 °F
Engine / motor output (diesel engine)	33 kW (water-cooled)
Water tank for trial use	380 l / 100 gal
Micro water filter 50 µm	Standard
HOT BOX fuel tank	100 l / 26.4 gal
Diesel tank	40 l / 10.6 gal
Dimensions (L x W x H)	3,940 x 1,850 x 1,850 mm 154 x 72.2 x 72.2 in
Empty weight	1,180 kg / 2,602 lb
Max. total weight	2,000 kg / 4,409 lb
Order number	710.000.524



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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.