

# OERTZEN®

*... for a cleaner world* ☀

# The Power of Water

## E Series

High-pressure aggregates of OERTZEN E series incorporate a unique synthesis of power and reliability.

These machines do hard work for industrial users as well as for contractors - whatever is required - with 160 - 500 bar working pressure.

All components are heavy duty and ensure a hassle free continuous operation which gives confidence for planning and practice.

- Heavy Industry
- Food And Chemical Industries
- Façade Cleaning
- Concrete Restoration
- Public Sector, Municipalities
- Construction Companies
- Sewage Plants
- Cleaning Contractors
- Surface Finishing
- Farming



CE

# The Power of Water OERTZEN E Series

A productive tool beyond comparison - that's what E Series are presenting to their users.

High-pressure water proves its efficiency in many jobs of surface treatment. This may be de-rusting, removal of paint, high-pressure cleaning or drain cleaning and unclogging.

Six power classes from 160 to 500 bar guarantee perfect adaption of the machine to the required job.

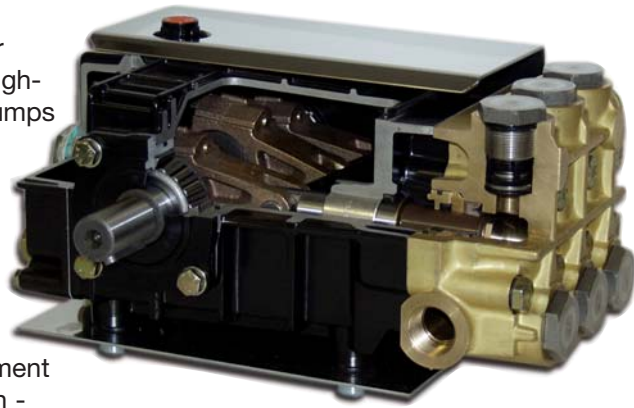
A high value was set on extreme durability and reliability. This was achieved by high reserves for all components in construction process.

Electric motors are designed for 100 % continuous operation. High-pressure water inline plunger pumps are equipped with splash-oil lubricated, forged crankshafts, wearfree ceramic plungers, forged brass cylinder heads and stainless steel valves.

Motor and pump are directly flanged to ensure perfect alignment and maintenance-free operation - with just one oil change every year.

A thermostatic relief valve protects each machine's pump against overheating if unit is run at closed spray gun for a longer time.

Operating is very easy and the layout of the machine is very robust -



**Cut-away-view of a typical inline plunger high-pressure pump**

it is designed for rough handling in construction and contracting.

The attached CE sign ensures that all machines of E Series comply with national and European safety regulations.

Technical Data	E 200-16/-23	E 240	E 320	E 334	E 400	E 500-17
Flow rate max.	1000/1380 l/h	1380 l/h	1320 l/h	2000 l/h	1320 l/h	1020 l/h
Unloading pressure	250/180 bar	250 bar	330 bar	230 bar	405 bar	520 bar
Working pressure max.	230/160 bar	230 bar	310 bar	210 bar	385 bar	500 bar
Pump speed	1420 1/min	1420 1/min	1420 1/min	1420 1/min	1420 1/min	1420 1/min
Standard voltage	400V/3~50 Hz	400V/3~50 Hz	400V/3~50 Hz	400V/3~50 Hz	400V/3~50 Hz	400V/3~50 Hz
Connecting power	6/6.5 kW	8.9 kW	12.5 kW	12.5 kW	16.6 kW	15 kW
Thermo valve	+	+	+	+	+	+
Water shortage control	-	-	+	+	+	+
Dimensions (LxWxH mm)	630x540x630	700x600x720	700x600x720	780x690x800	800x600x745	800x600x800
Weight (net)	77 kg	96 kg	112 kg	146 kg	153 kg	159 kg
Order-No.	10.000.201/200	10.000.328	10.000.304	10.000.334	10.000.238	10.000.517

Technical data are subject to alterations without notice.

**Serial equipment:** 10 m PANZERJET safety high-pressure hose (500 bar), hose swivel, insulated spray gun, double spray lance with pressure regulation, 5 m electric cable with 16 A or 32 A CEE plug - **E 400/E 500-17:** single lance

**Options:** explosion proof designs, special voltage, sea water mode design



For food processing industries E Series (photo: E 320 VA) are available in stainless steel design with non-marking wheels.



E Series as modular stationary units to supply pipeline systems - for wall mounting or on racks (photo: S 334 VA / S 350 VA).



For chemical and pharmaceutical industries E Series can be designed explosion proof (photo: E 240 EX) - special voltage on request.

OERTZEN appointed dealer:

