

# OERTZEN®

*... for a cleaner world* ☀️

## The Power of Water Sovereign Series 500



Industry and cleaning contractors with high requirements for capacity and durability decide more and more for the unique 500 maximum pressure aggregates from OERTZEN.

Powerful motors and engines, maintenance-free power transmissions, plunger pumps for continuous operation - characteristics of the 500 series. Construction of these powerful models is sophisticated and production runs in high serial numbers. This makes the Sovereign Series 500 a reliable, easy to operate and low cost tool.



As a heavy equipment OERTZEN Sovereign Series 500 work for:

- Concrete restoration
- Coating companies
- Monument restoration
- Construction companies
- Cleaning contractors
- Shipping industry
- Shipyards
- Mining industry
- Heavy industry
- Chemical industry



# The Power of Water Sovereign Series 500

500 bar permanent working power with 1.800 litres of water per hour clears away nearly everything: rust, old paint layers, concrete sediments, façade coatings, refuse, grease, oil, encrustings and deposits.

Series 500 machines of OERTZEN are powered by robust and durable electric- or Diesel engines. 5 cylinder high-pressure plunger pumps satisfy with highest efficiency, productivity and first class quality.

A thoroughly engineered safety chain of low water cut out, thermic

control and safety- unloader valve made of INOX, guarantees per-

manent and trouble-free operation at maximum performance.



Illustr.  
D 500-30

Technical Data	E 500-30	D 500-30
Water consumption (adjustable)	1,000-1,800 l/h	1,000-1,800 l/h
Unloading pressure	520 bar	520 bar
Working pressure (adjustable)	500 bar	500 bar
Hydrodyn. capacity (l/min x bar)	15,000	15,000
Electric/Diesel engine drive	400V/3~50 Hz	4-cyl. Diesel 4-stroke
Power output	22 kW/30 HP	33 kW/45 HP
Full load consumption	24 kW/h	5 l/h Diesel
Start	autom. star delta	battery
Motor-/pump speed	2.800/1.450 1/min	2.800/1.450 1/min
Cooling system	air	water
Oil cooler/speed control	-	serial equipment
Dimensions (LxWxH mm)	960 x 780 x 860	1,370 x 820 x 1,080
Weight (net)	260 kg	408 kg
Order no.	10.000.480	10.000.590

Technical data are subject to alterations without notice.

**Serial equipment:** 10 m PANZERJET high-pressure safety hose 500 bar (D 500-30: 20 m), spraygun 700 mm with side bar, HIP fan nozzle, 5 m electric cable with CEE plug 63 A. Option: E 500 EX for explosion endangered areas.

For perfect cleaning of large areas of soiled industry floor - surface cleaner BRW 530 INOX.



All kind of resistant dirt will be removed by max. working power of 500 bar. For explosion endangered sites: BRW 550 INOX EX.



D 500-30 in mobile design with optional wheel kit.



Wide range whirl blaster system OERTZEN TORNADO - for abrasive surface treatment, paint removal, de-rusting, and concrete restoration.

TORNADO includes: helmet with visor, ear protection, mobile blasting agent container (80 l), blasting agent regulation and 10 m suction hose.

OERTZEN appointed dealer:

