CLASAL PUMPS

WELLPOINT PISTON PUMPS

Your partner in groundwater management.

When it comes to wellpoint dewatering, piston pumps are in a class of their own - and the Clasal ZD900 is one of the best. Belgian manufacturer Clasal took over the original GEHO ZD piston pump design from WEIR Minerals, making them the custodians of a pump series with decades of proven performance.

The ZD900 delivers a constant water and air flow regardless of suction and discharge pressure, with an impressive self-priming capacity - without needing an external vacuum pump. Its pulsating action actively prevents clogging of wellpoint strainers and achieves priming from greater depths, making it ideal for challenging ground conditions.

Condor offers the ZD900 in two configurations: the Compact Hybrid model, which combines electric and diesel drive for flexible, fuel-efficient operation, and the Diesel model for fully self-contained performance wherever power isn't available. Depending on soil conditions, a single pump can support up to 100 wellpoints and up to 300 metres of header pipe.



MATERIALS

- **Gearbox:** compact construction with integral single helical precision gears
- **Lubrication:** self-contained oil splash lubrication
- **Piston Discs:** wear resistant high molecular polyethylene
- **Cylinders:** stainless steel, easy replaceable
- **Piston Rod:** abrasion and corrosion resistant hard surface piston rods
- **Valve Seats:** bronze, saltwater resistant
- **Valve System:** rubber discs with stainless steel guides
- **Gearbox + Pump Body:** alloyed cast iron
- **Inspection Covers:** covers at the side of the pump body for cleaning
- **Cross Head:** attached to the connecting rod with sleeve bearings
- **Crankshaft:** anti-friction type drive shaft and crankshaft bearings

CLASAL ZD900 6” DIESEL *WELLPOINT PISTON PUMP*

CONDOR CL SERIES ZD900 diesel wellpoint dewatering pump. Compact, silent, diesel. Whisper quiet and constant duty rated wellpoint pumping efficiency. 4 x lockable side doors, central lifting eye, forklift friendly, and galvanised steel frame. Whisper quiet noise level of only 47 dB(A) @ 10 m



Technical Specs ZD 900	
Design	With Gear Casing
Max Capacity	26l/s - 95 m³/h - 1,583l/m
Max Discharge Head	20 m
Max Suction Head	9,6 m
Noise Level	47 dB(A) @ 10m
Connecting Parts	4” / 6”
Weight (empty)	1585 kg
Diesel Engine	Hatz 1D81Z
Fuel Consumption	1-1.4 l/h
Dimensions	2100 x 970 x 1495 mm (L x W x H)

CLASAL ZD900 6” COMPACT HYBRID *WELLPOINT PISTON PUMP*

CONDOR CL SERIES ZD900 diesel wellpoint dewatering pump. Compact, silent, diesel. Whisper quiet and constant duty rated wellpoint pumping efficiency. 4 x lockable side doors, central lifting eye, forklift friendly, and galvanised steel frame. Whisper quiet noise level of only 47 dB(A) @ 10 m



Technical Specs ZD 900 Compact Hybrid	
Design	With Gear Casing
Max Capacity	26l/s - 95 m³/h - 1,583l/m
Max Discharge Head	20 m
Max Suction Head	9,6 m
Noise Level	47 dB(A) @ 10m
Connecting Parts	4” / 6”
Weight (empty)	1665 kg
Diesel Engine	Hatz 1D81Z
Electric Motor	5.5 kW
Dimensions	2100 x 970 x 1495 mm (L x W x H)