

Wellpoint Dewatering Pumps

PT Series

The PT piston pump offers you:

- Lowest cost of ownership
- Excellent suction capabilities
- Vacuum of up to 9.6 mwc
- Worry free run-dry (indefinitely)
- Longest lifetime

An investment that pays for itself

The PT wellpoint pump has been designed for vertical and horizontal dewatering applications. These positive displacement pumps are fully self-priming and are capable of handling air, water or any mixture of both without requiring a separate priming system. Furthermore, these pumps are capable of running dry indefinitely without causing damage or excessive wear to any part of the unit.



PT150 an investment for the future

The future is now!



Environmental care:

- **10-14%** reduction of exhaust emissions due to lower fuel consumption.
- **25%** saving on engine oil.
- Fully bunded fuel tank.
- Sound level of **48 dB(A)** at 10 meters.
- Exhaust module is prepared for installation of DPF/DOC.

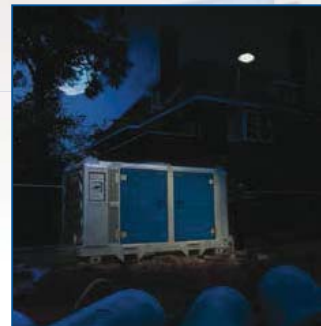


10% Increased pump efficiency

Direct Drive Design® combined with improved pump hydraulic characteristics results in better suction capabilities, more flow and lower fuel consumption.

Ergonomic design

PT150 with DriveOn® technology offers ideal working conditions during maintenance.



Super Silent Canopy

The PT150 diesel driven units are designed for operating in residential areas even throughout the night.

Particulate filter

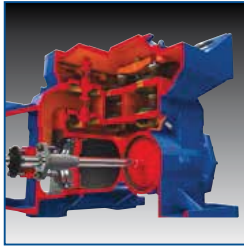
The exhaust module is completed with a spark arrestor and prepared for installation of DPF/DOC.



The heart of the matter

PT double acting, duplex piston pump

These positive displacement pumps are fully self-priming and are capable of handling air, water or any mixture of both without requiring a separate priming system.



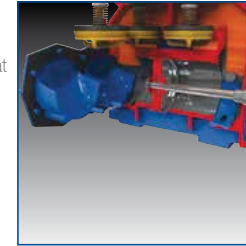
Direct Drive Design®

Precisely machined drive gears and an automatic lubrication system provide excellent efficiency and minimal sound emissions.



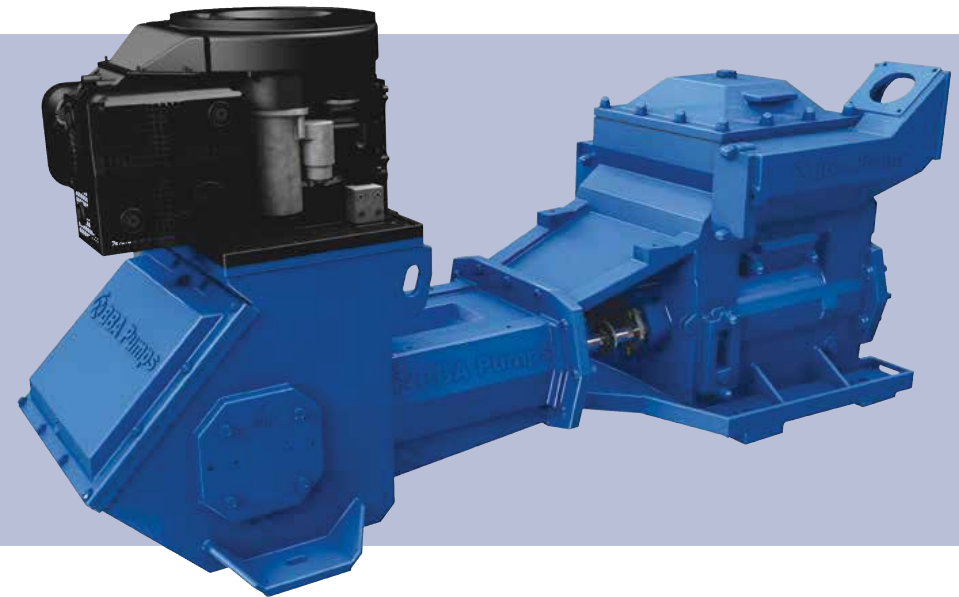
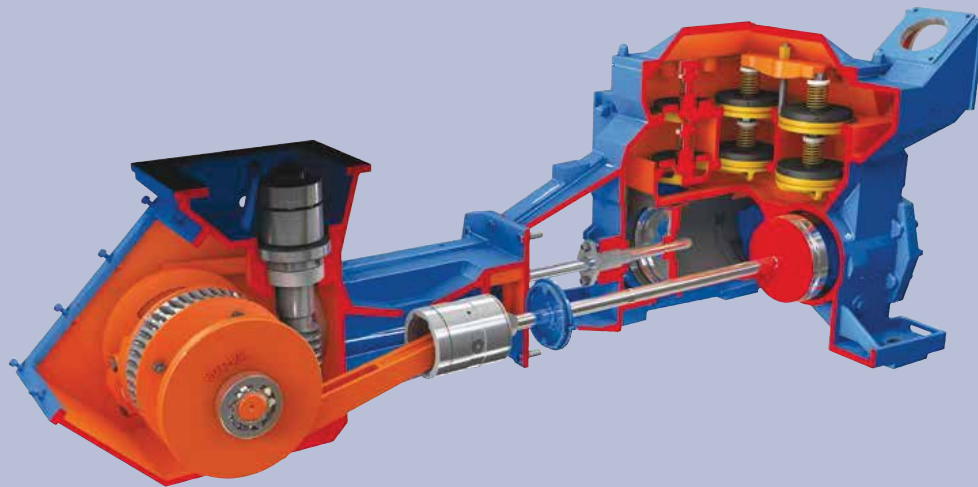
Excellent pump hydraulics

A patented suction valve seat and improved hydraulics guarantee the best pump efficiency and unbeatable vacuum build up.



Robust piston rods

The stainless steel piston rods have been carefully grinded to guarantee maximum service life.



Easy access points

Allows access to the cylinders, valves, stuffing boxes and other critical areas for easy cleaning, draining and maintenance.



Water bund

Gland water and drainage water is automatically caught and disposed by means of a bund.



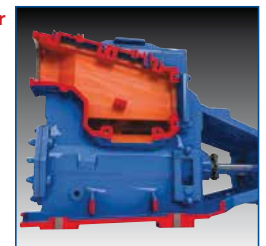
Handy covers

The lightweight aluminum and composite covers are easy to grip, lift and move.



Integrated stone catcher

To protect the pump internals from any suspended solids. The stone catcher has 4 inspection covers and comes with dual vacuum gauges to monitor pump performance.



PT Series

Unique Engine Concept

DriveOn® Technology:

Human engineering was a key consideration with the development of the DriveOn® concept. The PT150 with DriveOn® technology offers ideal working conditions during maintenance.

On top of that, the engine service interval is extended up to 1500 running hours (instead of 500 for the standard engines).

DriveOn®



Key features for DriveOn® technology

- **1.500 hour** service interval.
- **65%** less scheduled maintenance.
- **25%** savings on engine oil.
- Ideal physical working conditions during maintenance.



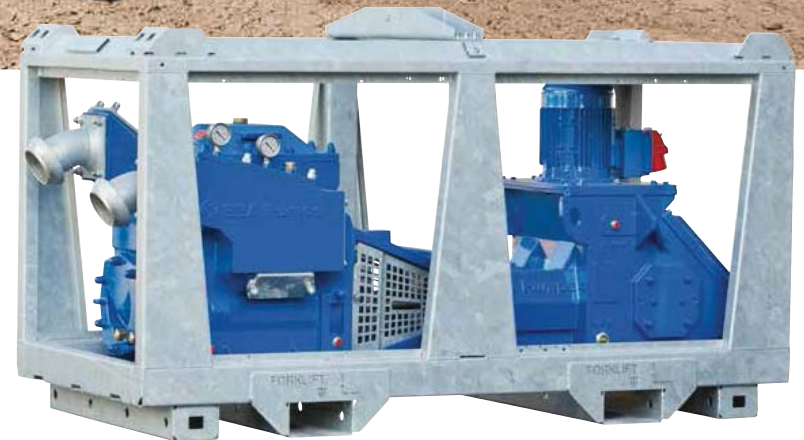
PT Series

Electrically Driven Wellpoint Pumps

The PT wellpoint pump has been designed for vertical and horizontal dewatering applications. These positive displacement pumps are fully self-priming and are capable of handling air, water or any mixture of both without requiring a separate priming system. Furthermore, these pumps are capable of running dry indefinitely without causing damage or excessive wear to any part of the unit.



Pump			Motor				Canopy	Frame
Model	Flow m³/h	Head m	Voltage	Power kW	Current I norm (A)	Speed rpm		
PT130	26	20	230V	2,2	13,4	1500	-	base frame
PT130	35	20	230/400V	3	6,1	1500	-	base frame
PT150 D150	57	20	400/690V	4	7,9	1500	L10-23	SF 10-21
PT150 D150	61	30	400/690V	7,5	15	1500	L10-23	SF 10-21
PT150 D200	103	20	400/690V	7,5	15	1500	L10-23	SF 10-21
PT250	190	20	400/690V	15	28	1500	-	base frame



PT Series

Open Diesel

The PT pump package offers lowest cost of ownership and provides a reliable and durable solution to the challenges facing dewatering companies around the world.

The technology has been tried and tested in the field and has revolutionised the vertical- and horizontal dewatering market on a global scale, by offering unmatched performance at minimal costs thereby improving the return on investment (ROI).



Pump			Diesel engine				Assembly	Stock model
Model	Flow m³/h	Head m	Brand	Model	Power kW	Speed rpm		
PT150 D200	103	20	Hatz DriveOn	1D90V	5,8	1500	Open diesel	
PT250 TF	190	20	Hatz	2M41	15	1500	Open diesel	



PT Series

Diesel Driven Super Silent

The diesel driven super silent pump has proven itself as the most reliable and cost saving wellpoint dewatering pump around the world. The remarkable details of this simple pump concept are what make the pump so successful.

25 years of experience in the Dutch dewatering market have enabled us to develop a light, compact and super silent pump set with a number of outstanding technical features.



PT 150

- Noise level **48 dB(A)** at 10 meters.
- Fuel consumption max. **1.5 liter/hour**.
- Fully bunded composite fuel tank.
- **100%** spill free enclosure.

Pump			Diesel engine				Assembly	Stock model
Model	Flow m³/h	Head m	Brand	Model	Power kW	Speed rpm		
PT130	35	20	Hatz	1D41Z	2,8	1500	C-Compact	☒
PT150 D200	103	20	Hatz DriveOn	1D90V	5,8	1500	L10-23	☒
PT150 D200	103	20	Hatz DriveOn	1D90V	5,8	1500	H10-23	
PT250	190	20	Hatz	2M41	15	1500	E12-25	

