

Holland – you'd reckon they'd know a bit about pumping out water.



With half of Holland at, or below, sea level – managing water has been a mission for a millennium.

Now, with Dutch BBA pumps, exclusive to Prime Pump, you can have the world's best dewatering technology keeping your working area dry.

Features including a groundbreaking galvanized canopy, the most modern, and cleanest engines, easy maintenance lightweight composite panels, leak-free and fully bunded fuel tanks have established BBA as global pioneers and industry leaders.

BBA pumps have technical solutions that exceed regulations along with a diesel particulate filter system for single-cylinder engines, extended service intervals (up to 1500 hours) and low sound levels.

As the Dutch would say: fantastisch.

PT Series

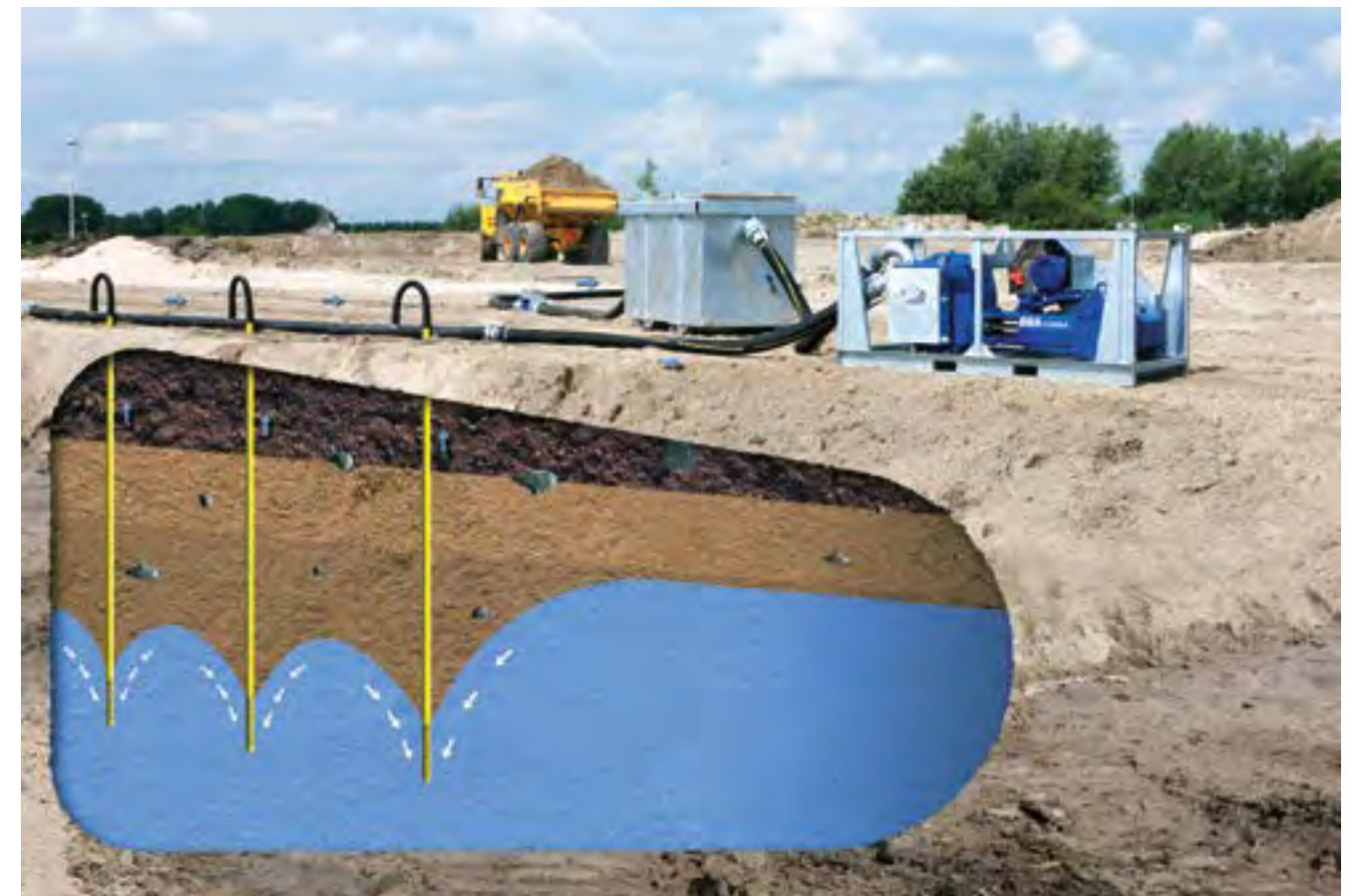
Wellpoint Dewatering Pumps | PT Series

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

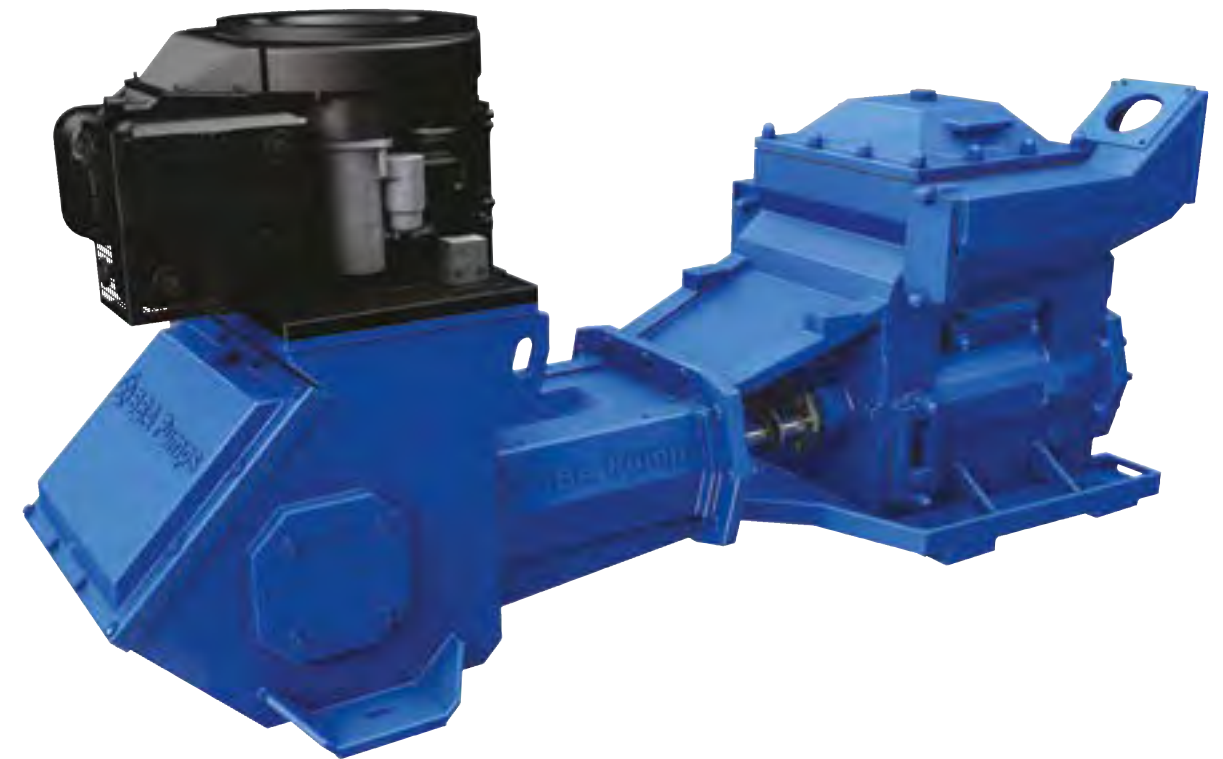
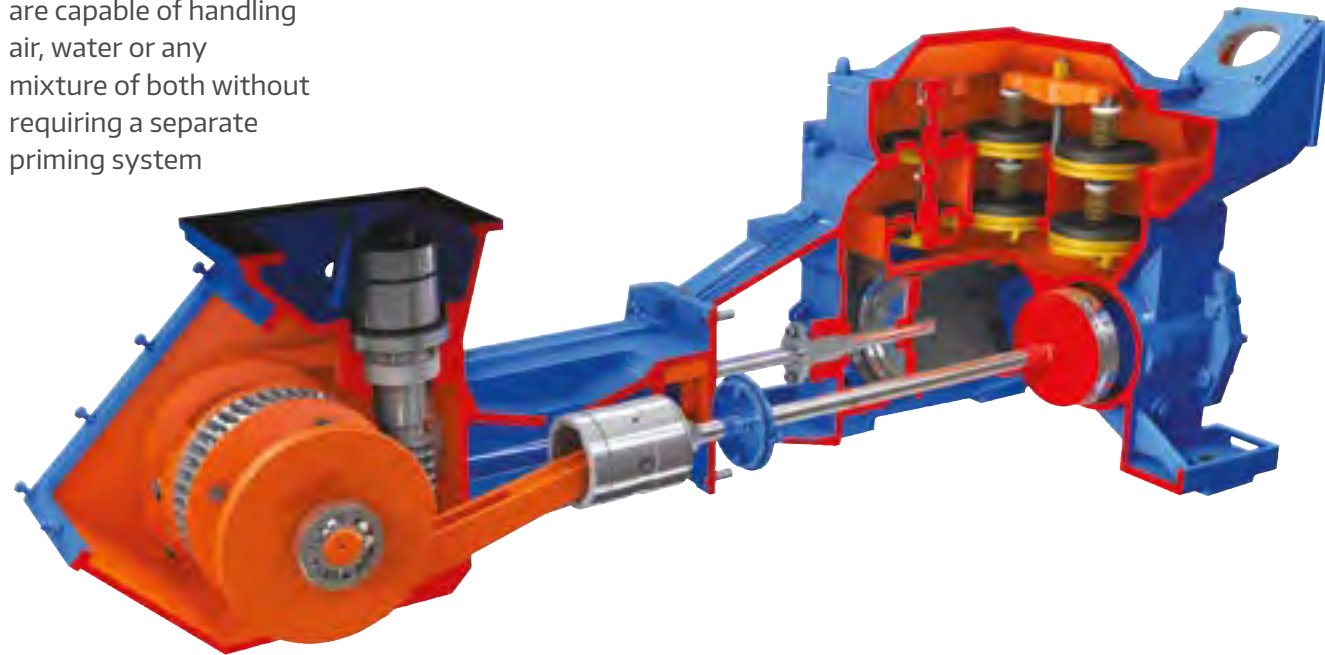
An investment that pays for itself

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.



Inside the PT Series

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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 ground 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.



4 Year Limited Warranty

The BBA Pumps limited warranty covers years or operating hours, whichever occurs first. For more details please refer to the warranty booklet on our website.

PT150 an investment for the future

Features:

- High pump efficiency.
- Can run dry indefinitely.
- Excellent suction capabilities.
- Low fuel consumption (energy consumption).
- Minimal maintenance costs.



Savings comparison:*

- **Save 66% in Diesel costs**
- **83% fewer services required**

*compared to average vacuum prime centrifugal

DriveOn®

- 1500 hour service interval.
- 83% less scheduled maintenance.
- 25% savings on engine oil.
- Ideal physical working conditions during maintenance.



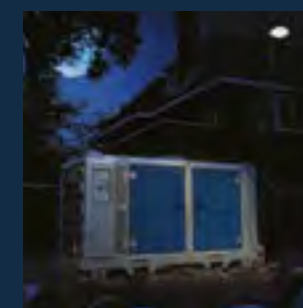
Ergonomic design

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.



DriveOn®

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 to 1500 running hours (instead of 250 for the standard engines).

Key features for DriveOn® technology

- 1500 hour service interval.
- 83% less scheduled maintenance.
- 25% savings on engine oil.
- Ideal physical working conditions during maintenance.



Diesel Driven Super Silenced PT Series

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 BBA to develop a light, compact and super silent pump set with a number of outstanding technical features.

- Run dry 24/7 without damage
- Minimised maintenance downtime
- 1500hr service interval
- Corrosion free doors and frame



Pump			Diesel engine		
Model	Flow m³/h	Head m	Brand	Power kW	Speed rpm
PT130	35	20	Hatz	2.8	1500
PT150 D180	90	20	Hatz DriveOn®	5.8	1500
PT150 D200	103	20	Hatz DriveOn®	5.8	1500
PT250	190	20	Hatz	15	1500

Electrically Driven Wellpoint Pumps

PT Series

For the electric driven PT series, BBA have used the same technology as their diesel series, such as the direct drive design.

By replacing the V-belt drive with the Direct Drive Design,® as well as improving the hydraulics in the pump casing, the pumping output is significantly improved. Even at a low occupancy rate, savings on energy costs during the lifetime of the pump are huge. On top of that lower energy consumption means less environmental pollution.



Pump			Motor			
Model	Flow m³/h	Head m	Voltage	Power kW	Current I norm (A)	Speed rpm
PT130	26	20	230V	2.2	13.4	1450
PT130	35	20	230/400V	3	6.1	1480
PT150 D150	57	20	400/690V	4	7.9	1450
PT150 D200	103	20	400/690V	7.5	15	1460
PT250	190	20	400/690V	15	28	1470

