

**Pump specifications:**

Type..... PT150 D185  
 Design..... Direct Drive Design®  
 Max. flow ..... 90 m<sup>3</sup>/hour (396 US GPM)  
 Max. pressure ..... 20 mwc (66 ft.)  
 Max. suction lift..... 9.6 mwc (32 ft.)  
 Connections..... 4" or 6"  
 Electric motor..... 7.5 kW – 4 pole  
 Voltage ..... 400/690V – 50Hz  
 Stackable frame..... SF10-21 hot dip galvanised  
 Sound level..... 48 dB(A) at 10 m  
 Dry weight..... 1170 kg (2575 lbs.)

**FEATURES**

**PT Wellpoint pump**

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.

**World-class performance**

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).

**Key features PT Pumps**

- Self-priming, no additional priming system required
- Excellent suction capabilities on all flows
- High pump efficiency
- Can run dry indefinitely
- Cheap and easy-to-replace wear parts
- Extended unit life time
- Ergonomic design

**Complete package designed & built by BBA Pumps**

- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials

**After sales service & product support**

- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



**STANDARD TECHNICAL SPECIFICATIONS**

**BBA double acting, duplex piston pump**

Pump type.....	PT150 D185
Max. flow.....	90 m <sup>3</sup> /hour (396 US GPM)
Max. head.....	20 mwc (66 ft.)
Max. suction lift.....	9.6 mwc (32 ft.)
Speed (factory standard) .....	64 strokes/min
Pump casing.....	Cast iron GG20
Discharge valve cover .....	Aluminium
Cylinder liners.....	Stainless steel Ø 180 mm
Piston cups .....	Leather
Piston rods.....	Stainless steel 304
Shaft seal.....	Gland packing
Valve rubbers.....	Stainless steel core with rubber layer
Valve seats .....	Composite (optionally available in bronze)
Drive .....	Direct Drive Design®
Measure equipment.....	2 vacuum gauges



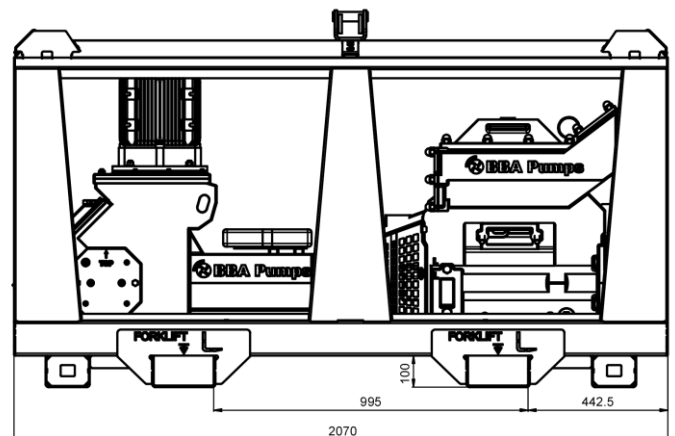
**Electric motor**

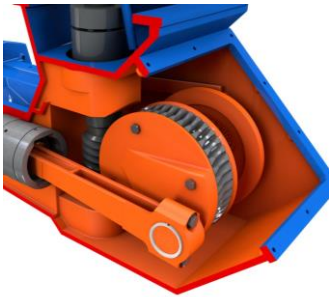
Motor type.....	HMA3 132M-4
Power.....	7.5 kW (10 Hp)
Speed .....	1460 RPM
Voltage.....	400/690 V
Frequency.....	50 Hz
Poles.....	4
Current at 400V .....	I nom. 14.5 Amp.
Protection.....	IP55
Efficiency .....	90.7%
Star-delta .....	Manual
Plug.....	5 pin - 32 Amp.



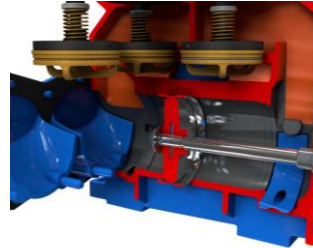
**BBA stackable frame**

Frame SF10-21 .....	Steel hot dip galvanised
Dimensions L x W x H .....	2070 x 960 x 1200 mm
Dimensions L x W x H .....	81.5 x 37.8 x 47.2 inch
Lifting point .....	Fitted with single lifting point
Forklift pockets.....	Fitted with 2 forklift pockets
Documentation box.....	BBA user manual





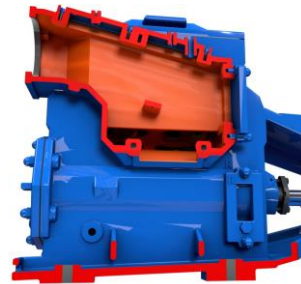
**Direct Drive Design®**  
Precisely machined drive gears and an automatic lubrication system provide excellent efficiency and minimal sound emissions.



**Exchangeable liners**  
The stainless steel cylinder liners can be rotated for extended service life. Fitted with a quick release system.



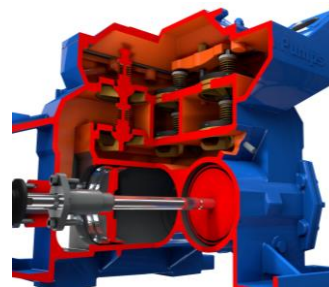
**Easy access points**  
Allows access to the cylinders, valves, stuffing boxes and other critical areas for easy cleaning and maintenance.



**Integrated stone catcher**  
To protect the pump internals from any suspended solids. The stone catcher has 3 inspection covers and comes with dual vacuum gauges to monitor pump performance.



**4 Year limited warranty**  
The BBA limited warranty covers years or operating hours whichever occurs first. For more details please consult the BBA warranty book.



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