

PT130 Diesel Driven

High Efficiency Wellpoint Dewatering Pump

Max. 35 m³/hour, Max. 20 mwc



Pump specifications:

Type	PT130 D130
Design	Double acting, duplex piston pump
Max. flow	35 m ³ /hour (154 US GPM)
Max. pressure	20 mwc (66 ft.)
Max. suction lift	9.6 mwc (32 ft.)
Connections	4 inch
Diesel engine	Hatz 1D41Z
Fuel consumption	Max. 1 L/hour
Canopy	L9-15
Sound level	Approx. 50 dB(A) at 10 m
Weight (net)	950 kg (2095 lb.)

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

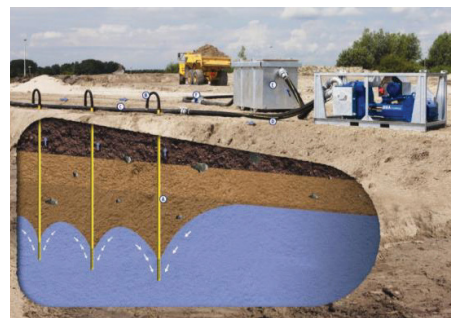
- Self-priming, no additional priming system required
- Excellent suction capabilities on all flows
- High pump efficiency
- Fuel autonomy in excess of 5 days
- Can run dry indefinitely
- Cheap and easy-to-replace wear parts
- 100% mechanical technology
- Extended unit life time

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



PT130 Diesel Driven

High Efficiency Wellpoint Dewatering Pump

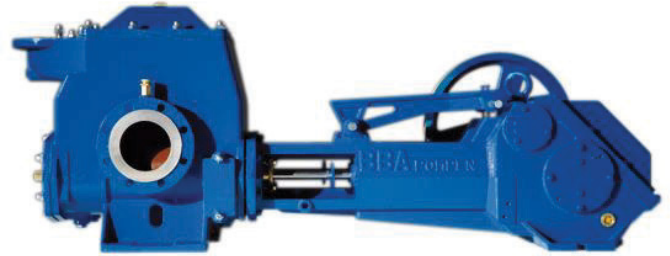
Max. 35 m³/hour, Max. 20 mwc



STANDARD TECHNICAL SPECIFICATIONS

BBA double action piston pump

Pump type	PT130
Max. flow	35 m ³ /hour (154 US GPM)
Max. head	20 mwc (66 feet)
Max. suction lift	9.6 mwc (32 feet)
Speed	67 strokes/min
Pump casing	Cast iron GG20
Pump cover	Cast iron GG20
Cylinder liners	Stainless steel 1.4301
Piston cups	Leather
Piston rods	Stainless steel 304
Shaft seal	Gland packing
Valve rubbers	NBR
Stone catcher	Cast iron GG20
Measure equipment	2 vacuum gauges
Connections	Steel hot dip galvanised



Engine

Engine brand	Hatz
Engine type	1D41Z
Flywheel power	2.8 kW (3.8 Hp)
Max. engine speed	1500 RPM
Fuel consumption	275 g/kWh
Displacement	0,413 l
Number of cylinders	1
Cooling system	Air cooled
Starting method	Electric start (manual stop)
Oil sump	4.4 ltr.
Exhaust emission EU	Not applicable
Exhaust emission US	Tier 4



Hatz control panel

- Composite dashboard
- Hour counter
- Key start switch
- Warning light "oil pressure"
- Warning light "alternator"

Fuel system

- Fuel tank 130 L (34 US Gallon)
- Fuel tank cap Ø 60 mm (2.5 inch)
- Mechanical fuel injection system
- Fitted with water separator & extra in-line fuel filter

Electrical system & safety features

- Nominal voltage 12 Volt
- Premium quality battery
- Low oil pressure shut down

PT130 Diesel Driven

High Efficiency Wellpoint Dewatering Pump

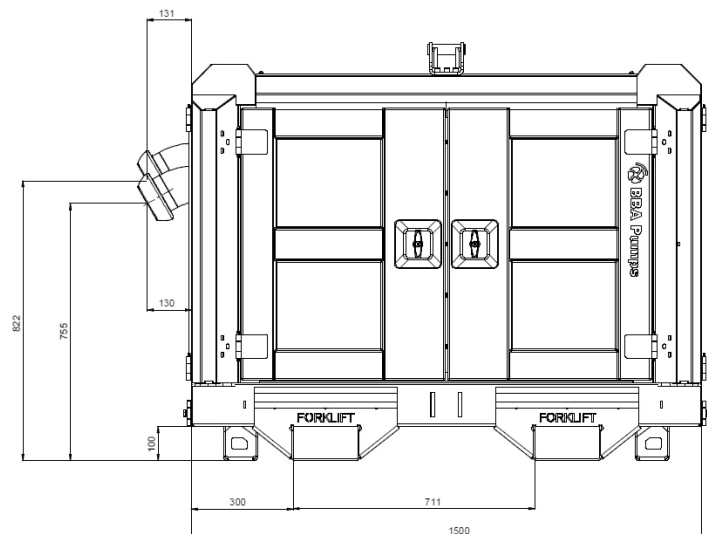
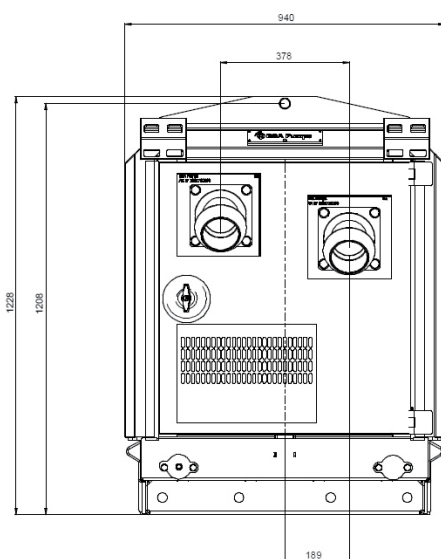
Max. 35 m³/hour, Max. 20 mwc



CANOPY L9-15

BBA Super Silent Canopy

Canopy type	L9-15
Dimensions L x W x H	1500 x 940 x 1228 mm
Dimensions L x W x H	59 x 37 x 48,3 inch
Basic frame	Hot dip galvanised
Doors	6 easy-access doors (lockable)
Roof panel	Composite
Fuel tank	Composite net 130 ltr (34 US Gallon)
Fuel tank autonomy	130 - 250 hours (according to load)
Fuel tank cap	60 mm (2.5 inch)
Lifting point	Fitted with single lifting point
Forklift pockets	Fitted with 2 forklift pockets
Stackable	Canopy is stackable
Oil drain pump	Drain pump for engine oil installed (hand pump)
Connections	Please consult "auxiliary items"
Exhaust system	Fully integrated in canopy
Documentation box	BBA user manual
Additional	Fitted with oil-water separator



Actual dimensions (in mm and inches) may vary depending on selected quick couplings.

PT130 Diesel Driven

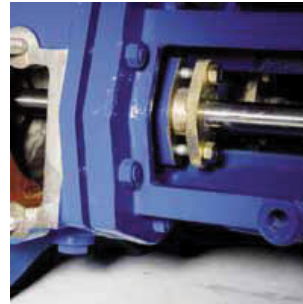
High Efficiency Wellpoint Dewatering Pump

Max. 35 m³/hour, Max. 20 mwc



Easy access points

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



Hard-wearing piston rods

The stainless steel piston rods have been carefully machined to provide an increased service life and minimal maintenance.



Fuel tank

Fully banded, corrosion-free, 130 litre, high-density polyethylene fuel tank, located in base of canopy.



Standard stone catcher

All PT pumps feature a stone catcher protecting the pump internals from any suspended solids. The stone catcher has easy-access cleaning covers and comes with dual vacuum gauges to monitor pump performance.



Easy inspection

Oil glasses, drain valves and fill plugs are all easily accessible.



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.