

BBA piston pump



Type: **PT 60 Economy**

4" diesel driven in sound absorbing canopy



General:

Cost of operation is one of the biggest concerns contractors have regarding their equipment.

The BBA piston pump for well pointing, series PT is the solution.

Extremely efficient and packed with user benefits, the PT pumps are capable of operating for very long periods of time on a small amount of fuel. Plus, the pumps provide high air handling necessary on the toughest well point and sock applications.

The pump and motor are installed in a robust galvanized compact sound attenuated enclosure, which reduces the noise level below 47 dB(a) at 10 m, allowing operation near noise sensitive areas such as hospitals and residential neighborhoods. The PT series are self-priming, positive displacement piston pumps. Because of its efficient design, including 300 liter diesel reservoir the PT Economy is capable of operating approximately 2 weeks, using only 19 liters of fuel per day. Hatz Drive On is reducing energy and maintenance costs to the absolute lowest level possible.

Applications:

This high efficient pump system is used for well point dewatering, horizontal sock dewatering, filtered water transfers and remediation and reclamation.

Technical specifications:

Piston pump:

| | |
|------------------|---------------------------------|
| type | : double acting |
| flow max | : max 65 m ³ /h |
| head max | : max 20 m |
| suction lift max | : 9,2 m |
| cylinder size | : 160 mm |
| req. power | : 4,5 kW |
| pump speed | : 62 strokes/min |
| suction side | : 4" V-part incl. stone catcher |
| discharge side | : 4" V-part |

Materials:

| | |
|----------------|----------------------------|
| pump casing | : cast iron |
| cylinder liner | : stainless steel AISI 316 |
| piston cup | : leather |
| piston rod | : stainless steel AISI 316 |
| shaft seal | : gland packaging |
| O rings | : NBR |

BBA Pumps BV

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Pumps for results

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Diesel drive:

diesel motor : Hatz 1D81Z Drive On
cooling : air cooled
cylinder : 1 cylinder
motor power : 5,8 kW at 1500 rpm
oil sump : 11,0 liter
start : electric 12 V incl. hour counter
fuel consumption : max 1,5 l/h
fuel tank : 300 liter, PE material
autonomy : min. 200 hrs
assembly : in a fully galvanized canopy,
lockable doors,
oil-water separator
noise level : 47 dBa at 10 m according
Aboma/Keboma

Dimensions:

l x w x h : 2250 x 1050 x 1700 mm
weight : 2155 kg (incl fuel)



Special features:



Hatz Drive On.
Changing oil after
1500 hours.
Plugs and filters
efficiently located
at one side.



DriveOn[©]



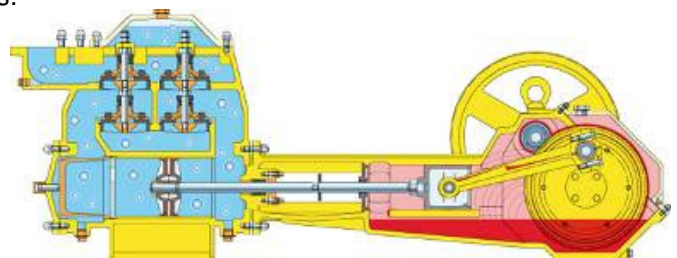
Lower fuel consumption
thanks to tooth-belt drive.



300 liter Polyethylene
diesel tank enables
autonomy up
to 200 running hours.

Results

70% Less oil change
50% Less refuelling
35% Less oil consumption
5% Less fuel consumption



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