

BBA piston pump



Type: **PT 90 HA B Compact**

6" diesel driven in a 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 engine are enclosed in the robust galvanized "B compact" sound attenuated enclosure, which reduces noise levels below 49 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, the pump is capable of operating up to 11 days using only 16 liter of fuel per day, dramatically reducing fuel costs.

Applications:

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

Technical specifications:

Piston pump:

type	: double acting
flow max	: 90 m ³ /h
head max	: 20 m
suction lift max	: 9,2 m
cylinder size	: 175 mm
req. power	: 6,0 kW
pump speed	: 62 strokes/min
suction side	: 6" V-part incl. stone catcher
discharge side	: 6" 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,
cooling : air cooled
cylinder : 1 cylinder
motor power : 7,2 kW at 1700 rpm
oil sump : 3,5 liter
start : electric 12 V incl. hour counter
fuel consumption : max 1,5 l/h
fuel tank : 180 liter, PE material
running hours : 120 hrs
assembly : in a galvanized canopy,
lockable doors, stackable,
oil-water separator
noise level : 49 dBa at 10 m
according Aboma/Keboma

Dimensions:

l x w x h : 2250 x 950 x 1200 mm
weight : 1855 kg



Special features:



Pump can be placed across on a truck, saves transport costs

Simple exchange cylinder liners, saves maintenance costs

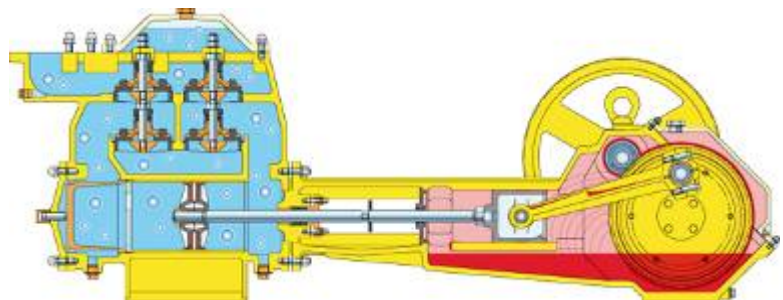
Simple lifting hook - also for the stackable pump executions

Special exhauster, super silent to be used in any circumstances and neighbourhood.



Pump casing provided with cleaning covers, for simple and easy cleaning of cylinder liners and changing gland packaging

Low weight compared to other super silent pump units.



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