

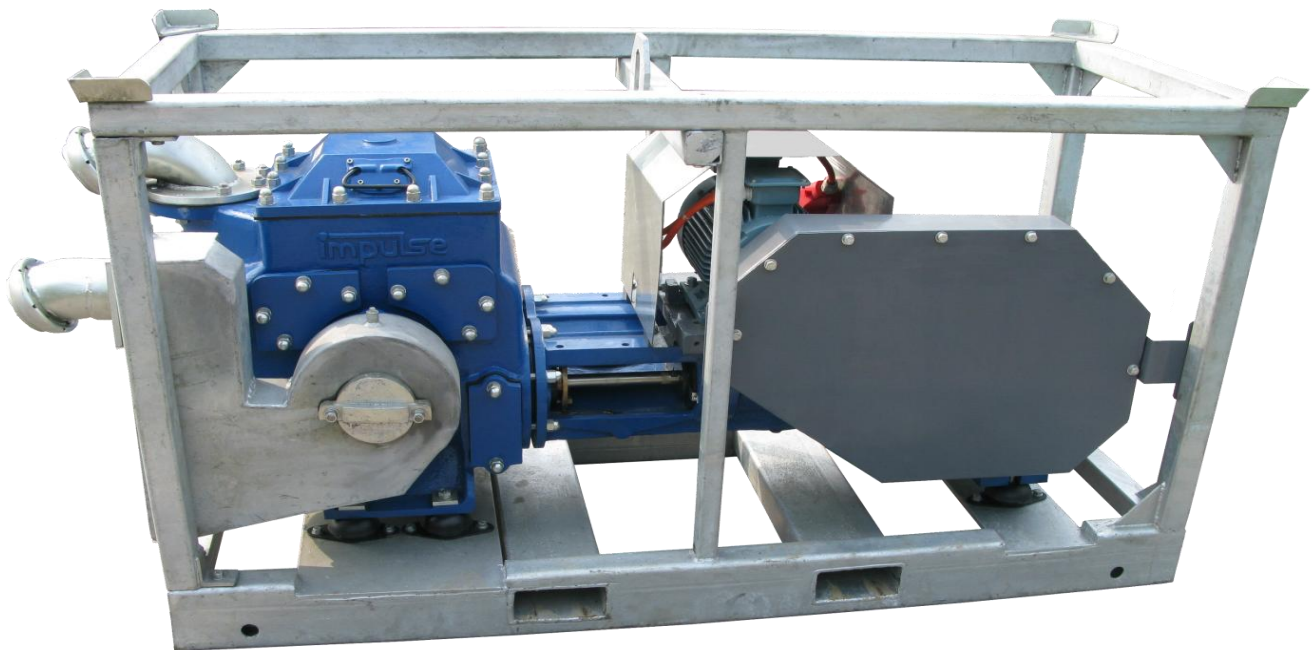
Impulse "Mumbai" pump set

Type: IP-145/IP-160/IP-175
Electric driven piston pump



Specifications Mumbai series

		IP-145	IP-160	IP-175	
L x W x H	: 200 x 78 x 112 cm	Cylinder diameter	: 145 mm	160 mm	175 mm
Weight	: 955 kg.	Measured power	: 7,5 kW	5,5 kW	7,5 kW
Engine	: ABB Electric engine	Max capacity	: 48 m3/h	60 m3/h	90 m3/h
Standard	: Forklift channels under base	Max head	: 65 mwc.	26 mwc.	22 mwc.
accessories	: Central lifting eye	Max vacuum	: -9.5 mtr.	-9.5 mtr.	-9.5 mtr.
	: Connections suction and discharge (system Cardan or Bauer on request)	Pump weight	: 825 kg.	825 kg.	825 kg.
	: Oil retap pump for pump gearbox	Efficiency	: 92%	92%	92%



General

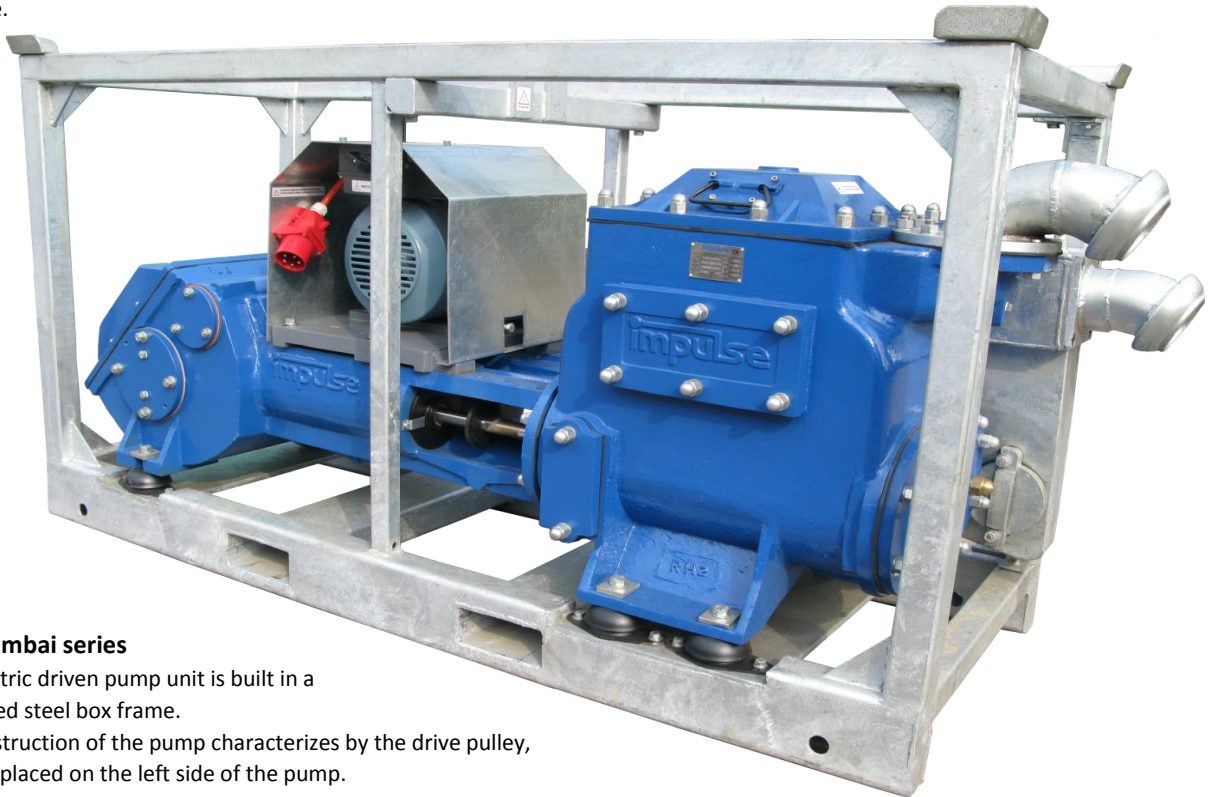
The Impulse IP reciprocated piston pump is developed for groundwater control and temporary groundwater abstraction and can be de- clean water pump.

This “clean water pump” can only be used in combination with well points with a maximal perforation of 0,7mm, or a horizontal drain pipe (French drain) which is connected to the suction of the pump.

The construction of the pump characterizes itself by a relatively low rpm (max 380 rpm of the big flywheel) combined with a high vacuum.

The construction is simple and solid and requires few to no maintenance.

The Impulse IP piston pump is standard driven by a Hatz Diesel engine or an electric ABB engine. Other engines are on request available.



The Mumbai series

This electric driven pump unit is built in a galvanized steel box frame.

The construction of the pump characterizes by the drive pulley, which is placed on the left side of the pump.

Placing the pulley on the left side resulted in a compact structure of the unit. The total width of the pump set is 78 cm, so that it's possible to place 3 pump units next to each other on the loading area of a truck, with an extreme efficient way of transport as a result.

The electric engine is placed on a motor base plate on the drive side of the pump. The V-belt tension construction is equipped with a push- and pull function for the right alignment of the pulleys. The electric engine is protected by a galvanised plate steel rain cap. Under the rain cap is a manual star-, triangle switch installed, connected with a 5-pole CCE plug fitted with a phase change. The drive unit is fully shielded with a V-belt protection cap.

The Mumbai pump set can be supplied with an IP-175, IP 160 or IP-145 pump. The IP-175 and the IP-145 are driven by an ABB electric engine with a power of 7,5 kW. The IP-160 is driven by an ABB electric engine with 5,5 kW power.

The pump is supplied with a fully galvanised stone box and press corner which both contain 4” inner thread. The connections are available in the Cardan or Bauer system.

The galvanized frame has stack corners to put more pumps on each other. Storage room is easily saved. Moving the pump set is possible by the central lifting eye, or by a forklift using the integrated forklift channels under the base.