

Remko



BUILT TO BE TOUGH

The Remko diesel driven RWPP-150 Wellpoint Dewatering Piston Pump is a cost effective solution for construction dewatering, mine site dewatering and ground water level control. The extremely quiet canopy is also ideally suited for densely populated areas where noise and safety levels are important.

- Pumping flowrates in excess of 90 m³/hr (25 L/sec or 1500 LPM)
- Excellent suction capabilities (upto 9.5 mtrs) and Self-priming
- Run dry capability for longer periods
- Long service intervals of 1500 hrs
- Compact stackable canopy for easy storage (Can stack 3 canopies)
- Galvanised stone catcher with cleaning port for pump protection
- 6" suction and discharge piping with Bauer quick connectors
- Noise levels less than 75 dB(A) @ 1 mtr.

Applications:

- Construction Dewatering
- Wellpoint Dewatering
- Under Drain Sock Dewatering
- Ground Water Table Lowering
- Remediation and Reclamation
- Excavation sites

SPECIFICATIONS

Flow (Max.)	25 L/s (396 GPM)
Head (Max.)	27m
Suction Lift (Max.)	9.5m
Suction Pressure (Max)	0.9 bar
Pump Speed	62 Strokes/Min
Inlet/outlet (mm)	6" x 6" (150mm)
Pump Pulley RPM	360
Connections	Bauer (or Equivalent)
Noise Level	Less than 75dBa @ 1m
Fuel Consumption	1.4 L/Hour
Fuel Tank Capacity	200 Ltrs

BUILD MATERIALS

Pump Casing	Cast Iron
Cylinder Liners	SS 316
Piston Rods	SS 304
Piston Cups	Leather
Shaft Seal	Gland Packing

ENGINE DETAILS

Make	Model
HATZ	1D90E
Type	4 stroke Air-cooled
Injection	Direct (Electronical)
No. of cylinders	1
Rating	5.7kW @ 1500rpm 7.1kW @ 1800rpm
Controller	Hatz

STANDARD MEASUREMENTS

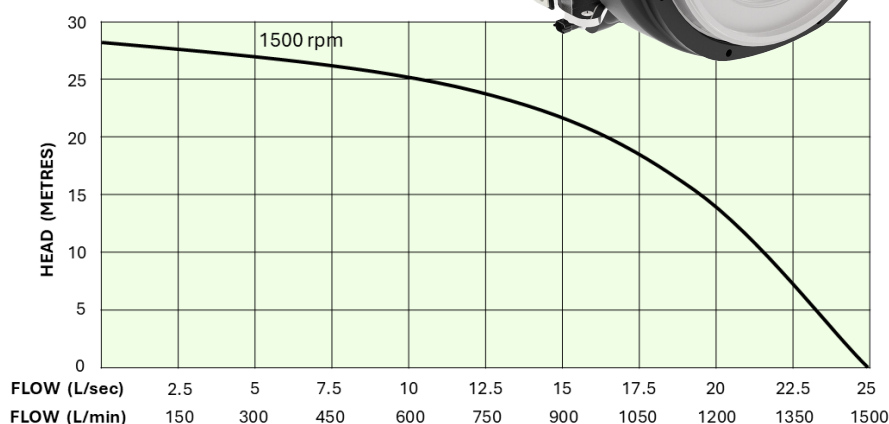
Length (mm)	2183
Width (mm)	1080
Height (mm)	1540
Weight (Bare Pump)	920 Kgs
Weight (Complete with Canopy & Engine)	2150 Kgs



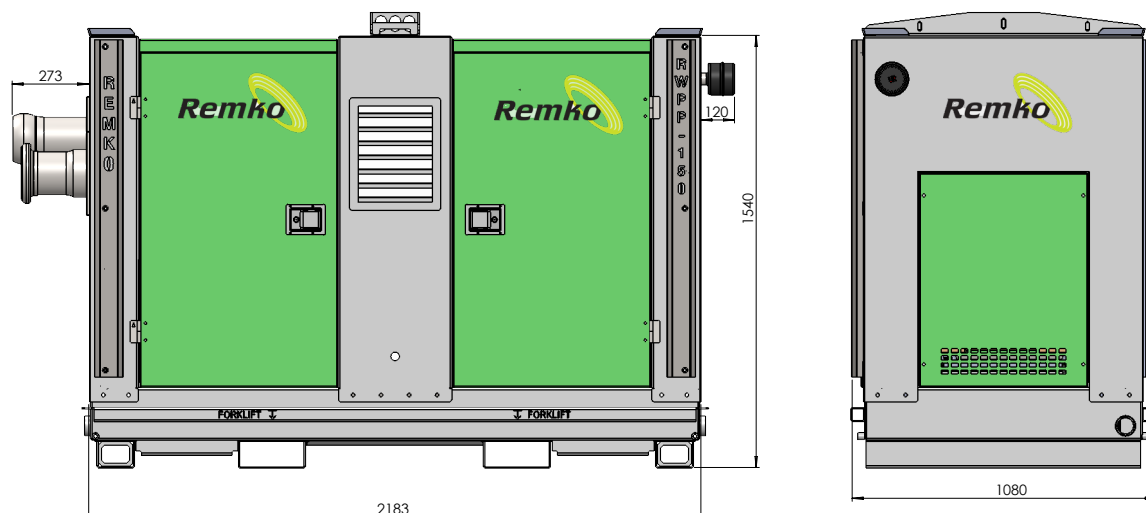
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Pump Performance Curve



Remko RWPP-150 Pump provides a reliable and durable solution to the challenges faced by dewatering companies around the world. This technology is very powerful for the vertical and horizontal dewatering on a global scale, by offering unmatched performance at minimal costs thereby improving marginal efficiency of capital (MEC)



Compact Silent Canopy:

- Compact stackable design (can stack 3 units)
- Dimensions : 2183mm x 1080mm x 1540mm
- Hot dip galvanized base frame & body
- Forklift pockets and central lifting eye
- Heavy duty stackable design
- 4 x Lockable side doors

**actual dimensions may vary slightly*

FEATURES & BENEFITS

Key Features:

No need of Priming System. It's a self prime pump. Has excellent suction capabilities on all type of flows. Less power required and saves running costs. It can also run dry. Easy to replace wear parts, The system has a long life and durability.

Cleaning and Maintenance Windows:

Additional window is provided on the pump body which allows easy cleaning & maintenance of valves, cylinder and stuffing boxes.

Cylinder Liners:

Fully machined stainless steel cylinder liners can be rotated for extended service life. Rotating and exchanging the cylinders is simple and easy when servicing the pumps.

Gear and Lubrication Design:

The Gear Drive is designed for lesser noise and automatically lubricate the bearings, connecting pins, pistons, and gears.

Valve System:

The valve system is provided which allows quick and easy dismantling of piston rods which are fully SS.

Optional Stone Catcher:

This optional stone catcher protects the pump internals from any suspended solids. The stone catcher has easy access cleaning covers and is made of hot dip galvanized steel.



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