



SPAN PUMPS

Innovate ♦ Design ♦ Implement

India Mark III Hand Pump

India Mark III Hand Pump



The India Mark III VLOM deep well hand pumps' design evolved to replace the India Mark II in remote locations where special tools were rarely found. Conforming to IS: 15500-2004 standard, India Mark III hand pump has open top cylinder (OTC), which facilitates pulling out of plunger assembly. It also assists in changing valve assembly from

the cylinder without pulling out the water cylinder and riser pipes. These pumps are modified versions of India Mark II hand pumps; moreover G.I. pipes measuring 65/50 NB in diameter are used in this pump. Use of the VLOM pump thus reduces requirement of heavy tools, users including women can be trained for the repairs. Hence it is named as (VLOM) Village Level Operation Maintenance pump.

India Mark III(65mmOTC)VLOM Deep Well Hand Pumps

Main features :

1. Open top cylinder
2. Monolithic piston and check valves
3. Inter changeable Nitrile bobbin valves
4. Nitrile cup washers
5. Pipe centralizers

Options :

The India Mark III VLOM deep well hand pump is available in two options.

1. India Mark III 50 mm OTC VLOM Pump: The India Mark III 50 mm OTC VLOM PUMP has been design for use with 50mm OTC cylinder and 50 mm diameter riser pipes. The pump can be used either with GI or uPVC pipes. With GI pipes the pump can be installed up to 60 m. With the uPVC pipes the pump can be installed up to 45 m.
2. India Mark III 65 mm OTC VLOM Pump: The India Mark III 65 mm OTC VLOM PUMP has been design for use with 65mm OTC cylinder and 65 mm diameter riser pipes. The pump can be used either with GI or uPVC pipes. The pump can be installed up to 45m.

India Mark III Hand Pump

Advantages:

1. Very easy to repair at Village level
2. No heavy tools required for maintenance
3. Women can be trained to maintain the pump
4. Suitable for use with uPVC pipe up to 45 m
5. Reduced wear and tear of the pipes
6. Low inventory of spares
7. Very low maintenance cost

India Mark III(50mm OTC)VLOM Deepwell Handpump

Conforming to IS: 15500-2004 standard, India Mark III hand pump has open top cylinder (OTC), which facilitates pulling out of plunger assembly. It also assists in changing valve assembly from the cylinder without pulling out the cylinder. In this hand pump, 50-mm diameter GI/UPVC pipes are used.

Features :

1. 50mm riser pipe
2. Interchangeable nitrile bobbin valves
3. 50mm open top cylinder
4. Single nitrile cup washer
5. Pipe centralizers
6. Monolithic piston and foot valve assembly

Advantages :

1. Easy to repair at village level.
2. Lower maintenance cost
3. Suitable for use up to 60 m
4. UPVC riser pipe option
5. Heavy Tools not required for servicing piston and foot valve