



SPAN PUMPS

Innovate ♦ Design ♦ Implement

India Mark II Hand Pump

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The India Mark II hand pumps family was developed as a low cost option for rural water supply program. The pump is specially designed for the prolonged and continual community use in demanding conditions. Besides India, the India Mark II hand pump is used throughout the world in many developing countries including Asia, Africa and Latin America to pump water

from deep bore-wells. These pumps are manufactured and supplied conforming to Bureau India Standards IS: 15500-2004. In order to ensure trouble free service in the field, these pumps are manufactured adhering to strict internal quality control system.

Technical Specifications:

Construction	Modular, comprising 6 assemblies
Pump body	Fabricated MS, galvanized corrosion resistant
Cylinder	Direct action reciprocating
Ideal speed	40 strokes per minute
Output	900 liters per hour @ 40 strokes per minute
Space requirement	Circular, 2 meter diameter
Operating depth	25 m - 90 m
Operating mechanism	Manually operated handle
Connecting rods	12 mm diameter electro-plated & welded couplers
Weight	70 kgs
Riser pipes	32 mm diameter & options for GI, SS, uPVC pipe

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System Assemblies:

1. Galvanized pump body for corrosion resistance
2. Modular construction comprising of 6 assemblies
3. Easy to operate for women and children
4. Pedestal designed to prevent contamination of the bore well
5. Suitable for use on 100 mm – 150 mm diameter bore wells
6. Options available for GI , SS or uPVC riser pipes as per user requirement
7. Low initial investment
8. Low annual maintenance cost
9. Can be adopted to use on sanitary (Open wells)

Applications:

1. Community rural water supply
 2. Public water supply for peri-urban communities
 3. School water supply
 4. Institutional water supply in remote areas
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