



**SPAN PUMPS
PRIVATE LIMITED**



Merry-go-round Pump

Merry-Go-Round Pumps were designed and developed

- 1.To make water available for drinking, sanitation, gardening etc. To the urban / rural and tribal population.
- 2.To optimize use of borewell / tubewell by lifting maximum possible water by untapped hidden energy generated by children while playing. Merry-Go-Round pump lifts water and stores it in an overhead tank.
- 3.To improve the health of children, by providing them an opportunity to play and enjoy, as in most of the rural schools there is no recreation and no potable drinking water available
- 4.To increase the literacy rate in rural masses by attracting children towards schools by installing Merry-Go-Round pump.
- 5.To improve the sanitation facilities by providing ample water. This facilitates construction of toilets in the schools.

- 6.To facilitate lifting of water at elevation without electricity so that water can be distributed through pipelines for drinking, sanitation, gardening etc. in the schools.

Novel Technology:

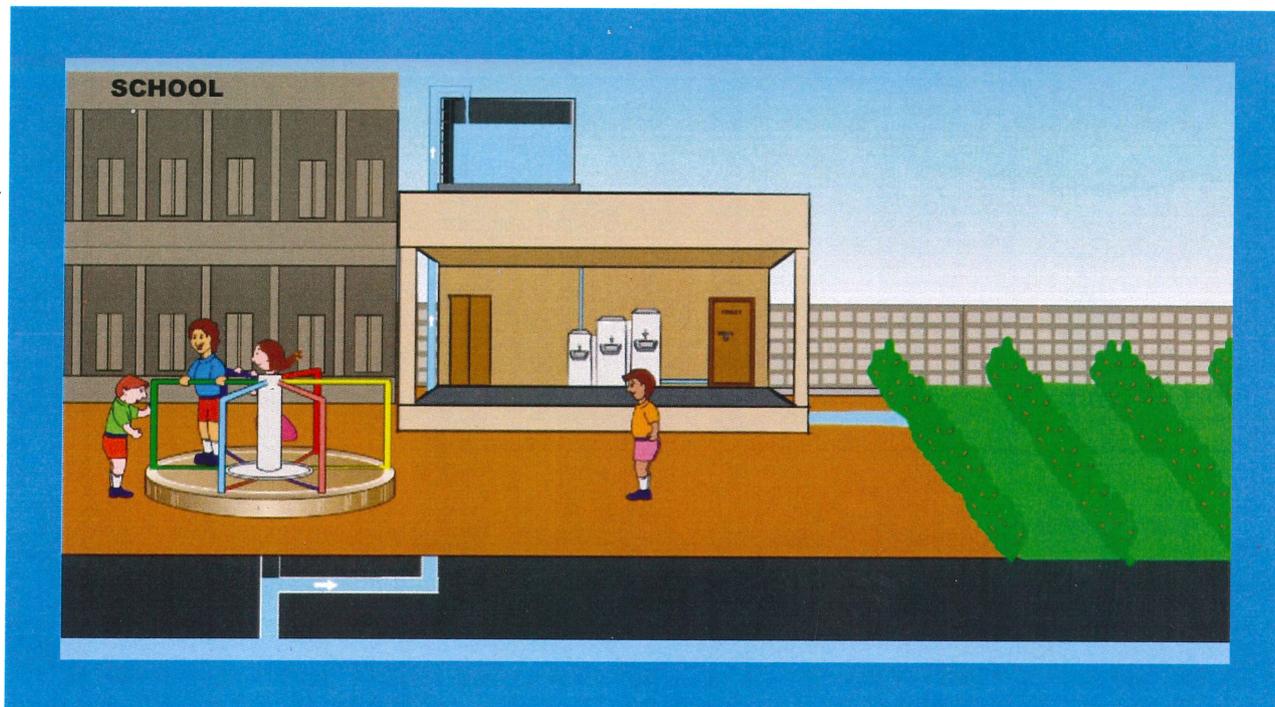
- Merry-Go-Round pump has been developed by attaching Merry-Go-Round wheel to mechanism of pumps for lifting water to overhead tank, from borewell / tubewell or rainwater collection tank.
- Purification devices can be installed easily when water is lifted to elevated tanks which have inlet pressure.
- Merry-Go-Round pump can be very easily installed and maintained even by non-technical persons.
- Merry-Go-Round pumps are manufactured by our company, they have already been supplied and installed in various schools in India and abroad. All pumps are working smoothly, which is the hallmark of our quality.



Technical Details: Merry-Go-Round pump

• Construction Details	Modular type Play Wheel Mechanism
• Play Wheel Dia.	Dia. 3340 mm
• Play Mechanism	Play Wheel with Drive & Driven gear
• Safe RPM	20 RPM
• Discharge per hour	1200 Ltrs. Per hour at 20 RPM
• Space required for Operation of Merry-go-round Pump.	7mtrs. Dia. in circle
• Operational Depth	This pump can operate up to 42 mtrs. Depth.
• Cylinder	Direct Action Reciprocating Cylinder used for standard hand pump.
• Delivery Head	6 mtrs.
• Net Weight	900 kgs. With 30 mtr. Of G.I. (10 Nos.) Riser Pipe 32 mm. & 30 mtrs. (10 Nos.) of connecting rods.

12 pumps with 10 rods & 10 pipes each, can be packed in a 20 ft.container



Manufacturer and Exporter

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