

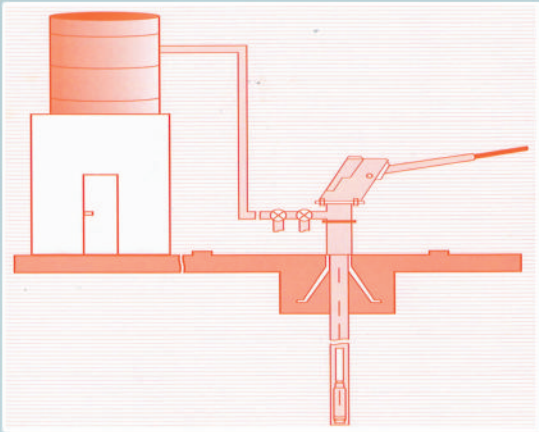


SPAN PUMPS

Innovate ♦ Design ♦ Implement

Force Lift Hand Pumps

Force Lift Hand Pumps



The various water supply schemes to provide adequate, safe and potable drinking water to the rural & urban masses since last more than 6 decades include open dug-wells, bore-wells & piped water supply schemes. The rural population however prefers less strenuous but expensive piped water supply schemes which however have financial limitations. In order to fulfill the ever increasing demands of rural & urban classes, a low cost Mini Water Supply scheme in the form of Force lift hand pump was developed.

Main features :

1. Suitable for installation on 100mm to 150mm diameter bore wells.
2. Can be used to lift water up to 6 m above the ground level.
3. Rated discharge 900 LPH @ 40 stroke per minute
4. Maximum installation depth 80 m.
5. Can be adopted for use with water filter and water purification device.
6. Water out put @20 psi pressure.
7. Low operation and maintenance cost
8. Easy to operate and use.

Applications:

The force and lift hand pump can be used for:

1. Drinking water supply of a small community
2. Provision of water supply at the community centre (PHC)
3. Public sanitation facilities
4. Watering of flower/ vegetable beds.
5. Pre-supply water filtration.