



HYDRAULIC HAND PUMPS

Applications : 'Bj' hand pumps provide a source of portable hydraulic power. They can be used in remote areas and have wide range of applications in bridge construction, shipyards, mines, industrial testing equipments etc. Single speed hand pumps are generally used with single acting cylinders where oil volume required is low to complete the stroke of ram and cycle time is not a constraint.

Two speed hand pumps are used with single acting or double acting cylinders where idle stroke of ram has to be completed fast. These pumps are used with high tonnage or high lift cylinders or multiple cylinder systems requiring large volume of oil for full stroke of ram.



Features:

- Designed for heavy duty and high efficiency.
- Least hand efforts .
- Hardened and ground plunger.
- Inbuilt suction valve, delivery valve and release valve.
- Relief valve adjustable, however set to maximum pressure.
- Pressure gauge can be attached to the pump.
- Two speed hand pumps have two relief valves ,one for low pressure and the other for high pressure. The change over from high discharge at low pressure to low discharge at high pressure is automatic.

SINGLE & DOUBLE STAGE HAND PUMPS:

| MODEL | Pressure Rating Bar | Displacement Per Stroke c.c | TANK Capacity litre | Max. Handle Effort Kg | Dry WEIGHT kg |
|---------|---------------------|-----------------------------|---------------------|-----------------------|---------------|
| HP00/2 | 700 | Power 2.8 | 2.0 | 46 | 8.7 |
| HP01/3 | 700 | Speed 12.6 Power 2.8 | 3.0 | 54 | 13.50 |
| HP02/6* | 700 | Speed 31.0 Power 2.8 | 6.0 | 40 | 22.0 |