



Applications:

- Hydraulic Jacks are of multipurpose utility. Following list of applications will throw more lights on it.
- Application of loads while engaged in field investigation,
- Determination of load carrying capacity of piles in the field,
- Tensioning of wires in pre-cast structures,
- Loading of members of any structures for deformation characteristics.
- For applying loads for various tests in field or laboratory.

Apparatus Details:

Hydraulic Jack hand operated with separate pumping units. These jacks are portable in size and are available in various capacities. The pumping unit is connected to the hydraulic jack by means of a flexible connecting pipe 2 meter long. The jack is fitted with lifting handles for easy transportation. The approximate lift of the ram is 90 to 150 mm. The unit is fixed on a channeled base which is fitted with lifting handles. A pressure release valve is provided on the pumping unit. The load is indicated on a 15 cm dial hydraulic pressure gauge of appropriate capacity, which can be detached from the pump, when not in use. The least count of the calibrated dial will be according to the capacity of the gauge (Normally 100 divisions for full capacity).

Lift of ram : 150 mm

Capacity : 50 Tone

Overall Dimensions : 870 X 570 X 1250 (L X W X D) mm

Note: Specifications are subject to change.