



MAGH POWERPOINT PUMPS INDIA PVT. LTD.

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MOTORISED HYDRAULIC TEST PUMP “HT” SERIES

APPLICATIONS FOR HYDRAULIC TESTING OF

- *Boilers*
- *Pressure Vessels*
- *C.I. Mains*
- *Castings parts*
- *Gas Cylinders*
- *Pipes and Tubes Parts Subjected to Hydraulic Pressure Standard Accessories*
- *M.S. Fabricated Pail*
- *Brass Foot Valve*
- *G.M.J.S.S Check Valve*
- *Brass Pressure Release Cock*
- *Pressure Hose With Attachments*
- *Pressure Gauge*
- *Pressure Gauge for Testing Up to 705 kg/cm² (10,000 PS.I.)*

PERFORMANCE RANGE

*Test Pressure Up to 1000 kg/cm²,
Water Flow Capacity up to 150 LPH,
Motor Up to 7.5 hp*



PUMP MODEL	PRESSURE KG/CM2	CAPACITY IN LPH	MOTOR KW/HP	MOTOR RPM
<i>HT-70</i>	70	100	0.75/1	1440
<i>HT-140</i>	140	100	1.5/2	1440
<i>HT-211</i>	211	95	1.5/2.0	1440
<i>HT-350</i>	350	90	2.0/3.0	1440
<i>HT-500</i>	500	80	3.7/5	1440
<i>HT-700</i>	700	80	3.7/5	1440
<i>HT-1000</i>	1000	35	5.5/7.5	1440

SPECIAL FEATURES

- *Electric Motorized driven system*
- *Totally Enclosed drive Mechanism*
- *Heavy duty precision gear box*
- *Large Air Chamber*
- *Self Oiling system quick acting Relief valve*
- *Totally Dependable, Reliable and Efficient performance.*

STANDARD ACCESSORIES

- *Pressure Release cock made from brass metal*
- *Discharge pressure hose with attachment of ½” BSP Length 2 Mtrs.*
- *Stainless Steel Glycerin Filled Pressure gauge with 4” Dial*
- *Suction & Discharge valve (NRV) Made from stainless steel material*
- *Pressure set valve made from Stainless steel*
- *Pump air chamber made from Mild steel*

- *Pump stand made from Mild steel 3" x 1 ½" C Channel*

OPTIONAL ACCESSORIES

- *Water tank with water capacity of 50 Liters 7 made from Mild steel metal*
- *Suction Hose with 1mtrs Long*
- *Pump Trolley with four wheels*
- *Pulley Guard made from Mild steel*

MATERIAL OF CONSTRUCTION

CRANKCASE:- *Made of close grain cast iron body with top Inspection Cover which makes the entire crank mechanism easily accessible for maintenance inspection and spares replacement. Heavy duty (Bull - Dozer Type) Construction Provides practically vibration free operation bringing long trouble free performance.*

GERING:- *Heavy duty hob cut gears with eccentric, running on EN-8 shaft built in reduction gear drive with M.S.pinion and shaft.*

BEARINGS:- *The drive shaft is supported by Ball Bearings.*

LUBRICATION:- *Splash lubrication is maintained by gears splashing up oil from sump.*

PLUNGER:- *Harden & ground plunger offers corrosion & abrasion resistance and permits long life.*

VALVE BODY:- *Heavy duty M.S. body with G.M. working parts is specially designed for high pressure working. The passages allow branching and merging of suction and discharge flows with minimum losses.*

N.R.V. VALVES:- *SS or GM Valves. Valve seats, and springs are practically free from corrosion and can without fatigue.*

CYLINDER:- *M.S. Fabricated for Heavy duty service.*

SEALS:- *Synthetic rubber seals are used fir leak proof and long working life.*

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