



RESISTANCE HEATING AND UPSETTING MACHINE

HYDRAULIC METAL GATHERING

The HMG Series metal gathering machine is vertical space saving model and two machines can be easily placed adjacent to one forging machine for higher production rate. It is made of best electrical and mechanical parts. The fine movement control and smooth movement of bar results in perfect “gain flow” of metal.

These machines are employed for the production of wide range of head forming such as hub, flange, collar etc, required in manufacturing if parts like Engine valve, Flange bolts, Truck spanner, Pinion gear and Tie-rod etc.

Construction:

- Type: Actuated by Hydraulic and electric.
- Body: The main frame of machine is heavy, rigidly reinforced welded steel plate construction.
- Transformer: The transformer is built by special low loss stamping and coils are wound of cotton-glass insulated electrolytic copper. Output is water cooled and made from flat plates. Finally it is varnished and dried in oven.
- Control: The cylinders speed is fine controlable by flow controls. And on electrical side the control is very easy. One knob for power control and the machine complete whole gathering cycle by just pressing start button.

Technical Specification:

ITEM	UNIT	MODEL: HMG30	MODEL: HMG50
Supply Volts	V	415+- 10%	415+- 10%
Power	KVA	30	50
Diameter of Rod	mm	10 / 16	16 / 28
Max. Length of Rod	mm	600	750
Max. Diameter of Gathered Head	mm	60	75
Max. Length of Gathered Head	mm	60	75
Max. Clamping Force	Kgf	1000	1000
Max. Gathering Force	Kgf	4000	5000
Max. Hydraulic Pressure	Kg/cm sq.	40	40
Water Circulation	l /min.	30	40
Suitable Supply Cable	mm sq.	25	35
Approximate Overall Dimentions	mm(LWH)	143x110x244	153x110x254
Approximate Weight	Kg	1100	1400

In view of continuous development, design and specifications can be changed without prior notice

SOHAL ELECTRIC WORKS

13243, Link Road, Dholewal Chowk, Ludhiana-141003
+91-161-2532255, 2531116, www.sohal.org, mail@sohal.org