

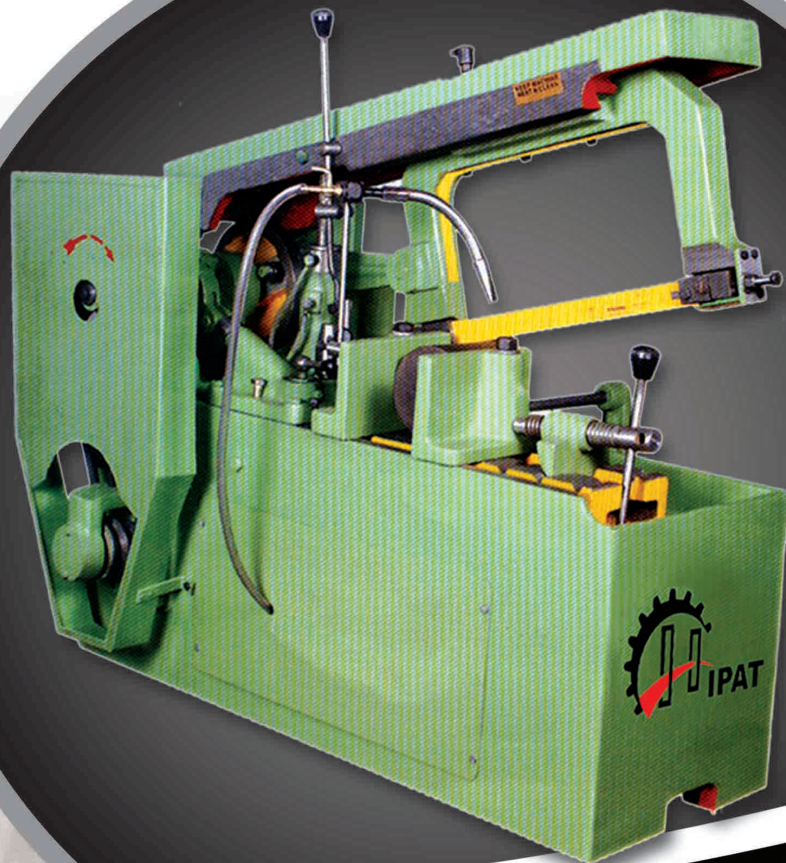


(AN ISO 9001 : 2008 COMPANY)

# HYDRAULIC HACKSAW MACHINE

## main features

- Hydraulic Feed Control.
- Hydraulic Relief to Saw Blades on non-cutting Stroke.
- Automatic lift to Bow on Completion of Cutting Cycle and motor switched off automatically.
- Two speeds and Driven by V. Belts.
- Cut Metals of all kinds and strengths.
- High output at low initial cost.



## HIPAT MACHINE TOOLS

PLOT NO.: 1C/90, SEC.- 9, MARKAT NAGAR, CDA, CUTTACK - 753 014 (ODISHA)  
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**Machines That Work**

## HYDRAULIC HACKSAW MACHINE

- SAW FRAME** : This is of rigid construction and runs in prismatic guide ensuring A square and Parallel cut. this cut takes place on the draw stroke and the blade is hydraulically lifed out of contact with workpiece on the forward stroke to prevent wear or the blade and can cut metals of all kinds and strength.
- FEED** : Two levers are provided at the dash pot one regulates the rate of feed while the other enables to be raised or forwarded hydraulically bow raised automatically and motor switched off on completion of the cut.
- BED** : The bed of his large proporation provided with guide ways for the vice for clamping the material. vice is of rigid construction. one Jaw remains fixed and the other can be adjusted according to the materials to be cut.
- ELECTRICAL EQUIPMENT** : A direct on- line push button starter can be fitted which incorporates an adjustable trip mechanism which stops the machine as soon as the blade is clear frome the work. Non productive time is reduced to minimum.
- DRIVE** : power is supplied by a suitable electric motor through Vee- belt which are full adjustable for tension all drive mechanism being totally enclosed.
- SPEED** : the incorporation of two- speed driving mechanism allows for the most suitable speed to be selected for material being cut.
- COOLANT** : the coolant tank is totally enclosed in the machine base and a contant Speed Pump supplies coolant to the saw blade through a stay put pipe and tap.
- OPTIONAL ACCESSERIES** : Bar Support Stand, Tilting Angular vice, Hacksaw Blade, Elacric Pump, Electric motor, Starter, Vee Belt.

### Specification

SIZE	8"	10"	12"	16"	20"	24"
Stroke ( adjustable)	5 1/2"	5 1/2"	5 1/2"	5 1/2"	5 1/2"	5 1/2"
No. of stroke per minute	100 to 120	85 to 100	85 to 100	70 to 85	60 to 75	60 to 75
Blade Size	12" or 14"	16" or 18"	18" or 20"	22" or 24"	30"	36"
capacity of round bar	7"	10"	12"	16"	20"	24"
capacity of square bar	5"	8"	10"	13"	16"	16"
R.P.M	1440	1440	1440	960	960	960
ELectrc motor required	1 H.P.	2 H.P.	2 H.P.	3 H.P.	5 H.P.	7.5 H.P.
Length	3"-2"	3'-10"	4'-2"	4'-10"	5'-10"	6'-2"
Bredth	1"-4"	2'-3"	2'-3"	2'-6"	3'-2"	3'-2"
Hieght	2'-8"	3'-6"	3'-6"	5'-0"	6'-0"	6'-6"
Weight ( Approx)	300 kgs.	550 kgs.	600 kgs.	kgs.	1100 kgs.	1300 kgs.
V- Belts required	3 Pcs.	3 Pcs.	4 Pcs.	4 Pcs.	4 Pcs.	4 Pcs.
Bearings	2 Nos. Taper & 3 Nos. Ball - Bearings are fitted in each machines.					

Sold & Serviced by :

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