

**Introduction :** "Kailash" Brand Hydraulic Control Hacksaw Machine has been designed to cut quickly & accurately all material from nickel chrome steel to plastic, controls are simple & easy, An automatic cut out operates at the completion of the operation & the bow slide returns to the top position, The machines has attractive appearance,

**Bed :** The bed is of rigid casting with a wide through for collection of coolant, swarf & also houses the V-belts device, bed is single piece casting

**Saw Frame :** The saw frame is of rigid construction & runs in prismatic guide ensuring a square & parallel cut & this cut takes place on the backward pull stroke, The blade is hydraulically lifted out of contact with work place on the forward stroke to prevent wear of the blade,

**The Drive :** The drive is given to the machine through V-Pullys with provision to adjust fully the tension of the V-Belts. The shafts are fitted with taper and ball bearings which eliminate friction.

**Speed :** Two speeds has been provided in order to make it suitable for all metals. High speed for metals like mild steel, brass, copper etc. and low speed for cast iron.

**Feed Saw :** Feed saw is controlled hyd aulically by two levers provided at the dash-pot. One controls the rate of feed, while the other enables the bow slide to be raised or lowered and the motor gets switched off on completion of the cut.

**Vice :** The vice is rigid construction. The one jaw remains fixed while other can be adjusted according to the size of the material to be cut.

**Coolant :** The coolant tank is totally enclosed in the machine base with a constant speed pump which continuously supplies coolant to the saw blade

**Electricals :** Push button starter is fitted with an adjustable trip mechanism which stops the machine soon after the blade is clear from the work at extra cost.

## Specifications

Model	M-175	M-200	M-250	M-300	M-350	M-400	M-500	M-600
Cap. of Round Bar	175	200	250	300	350	400	500	600
Cap. of Square Bar	125	150	200	250	275	325	350	425
Stroke	135	135	140	140	140	135	150	150
Strokes per min.(approx)	100-120	100-120	85-100	85-100	85-100	70-85	70-85	70-85
Blade Size	12"-14"	14 "-16"	16"-18"	18"-20"	20"-22"	18"-24"	24"-32"	30"-36"
Electric Motor	1 H.P.	1 H.P.	2 H.P.	2 H.P.	2 H.P.	3 H.P.	5 H.P.	5 H.P.
RPM of Motor	1440	1440	1440	1440	1440	1440	960	960
Length	1000	1000	1150	1250	1300	1500	1650	1750
Width	600	600	625	650	650	675	700	725
Height	800	800	1000	1000	1100	1200	1300	1400
Weight (approx.)	325 Kg.	335 Kg.	450 Kg.	550 Kg.	650 Kg.	750 Kg.	1100 Kg.	1200 Kg.
Weight with Packing	400 Kg.	450 Kg.	550 Kg.	650 Kg.	775 Kg.	900 Kg.	1300 Kg.	1400 Kg.
V-Belts Required	4 Pcs.	4 Pcs.	4 Pcs.	4 Pcs.	4 Pcs.	5 Pcs.	6 Pcs.	6 Pcs.

# Seema Foundry & Workshop

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