



JEET MACHINE TOOLS CORPORATION

48 SHARDHANAND MARG, AJMERI GATE, DELHI - 110006 INDIA

PHONE : 91-11-23215472, 23218025 FAX : 91-11-23215472

Email : jeetsingh.jmtc@gmail.com

INTRODUCTION : JMTC Brand Hydraulic Control Hacksaw Machine has been designed to cut quickly & accurately all material from nickel chrome steel to plastic. Controls are simple and easy. Cutting frame returns to topmost position after the cutting is finished. The machines has attractive appearance.

BED : The Bed is single piece rigid casting with good space for collection of coolant, swarf and also houses the V-Belts of coolant pump.

SAWFRAME : The Saw Frame is of rigid construction and runs in Prismatic guide ensuring a square and parallel cut. The cut takes place on the backward (pull) stroke, The blade is hydraulically lifted out of contact with the work piece on the forward stroke to prevent wear of the blade.

THE DRIVE : The Drive is given to the machine through V-Belt from electric motor with provision to adjust fully the tension of the V-Belts, The shafts are fitted with taper and ball-bearings which eliminate friction.

SPEEDS : 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 etc.

SAW FEED : Saw Feed is controlled hydraulically by two levers provided at the dash-pot. One controls the rate of feed, while the other enables the frame to be raised or lowered, The motor gets switched off on completion of the cut.

VICE : The Vice is rigid construction. One Jaw remains fixed while other can be adjusted according to the size of the material to the cut.

COOLANT : The Coolant tank is totally enclosed in the machine base with a constant speed mechanical pump which continuously supplies coolant to the cutting location.

ELECTRICALS : Push button starter is fitted with an adjustable trip mechanism which stops the machine soon after the blade is clear from the work.

SPECIFICATIONS

MODEL		M-175	M-200	M-250	M-300	M-350	M-400	M-500	M-600
Cutting Cap. (Round)	mm	175	200	250	300	350	400	500	600
Cutting Cap. (Square)	mm	125	150	200	250	275	325	350	425
Cutting Stroke	mm	135	135	140	140	140	140	150	150
Blade Size		12"-14"	14"-16"	16"-18"	18"-20"	20"-22"	22"-24"	30"-32"	36"
Strokes Per Mintes (approx.)		100-120	100-120	85-100	85-100	85-100	70-85	70-85	70-85
Electric Motor	HP	1	1	2	2	2	3	5	5
RPM of Motor		1440	1440	1440	1440	1440	960	960	960
Overall Length	mm	1000	1000	1150	1250	1300	1500	1650	1750
Overall Width	mm	600	600	625	650	650	675	700	725
Overall Height	mm	800	800	1000	1000	1100	1200	1300	1400
Weight (approx.)	Kg.	325	335	450	550	650	750	1100	1200
Weight with Packing	Kg.	400	435	550	650	775	900	1300	1400
V-Belts Required		4	4	4	4	4	5	6	6

Note : All specifications are subject to change without prior notice.

STANDARD ACCESSORIES : Mechanical Coolant Pump, Length Guage, Belts Guards, Flexible Coolant Pipe.

OPTIONAL ACCESSORIES : V-belt fitting, Long section rest, Starter, Blade, Motor, Starter, Three Speed Gear Box.

