

Wide Range of NC, Fully Automatic Circular Saw Machine (CSM 70 mm to 150 mm Cutting Capacity)



Since 1994

AN ISO 9001 : 2008 Company

COMPLETE SOLUTIONS FOR TUBE AND BAR CUTTING

Fully Automatic Circular Saw Machine

- Designed specially For Mass Cutting
- Fully Automatic Circular Saws for Straight Cuts
- Optimum Results
- High Performance
- Outstanding Speed

VERSATILE APPLICATION

Cutting of Mild Steel
Ferrous-Non Ferrous Alloy Steel
Stainless Steel
Brass, Copper & Aluminium
Round Bar
Forging Billets
Pipes

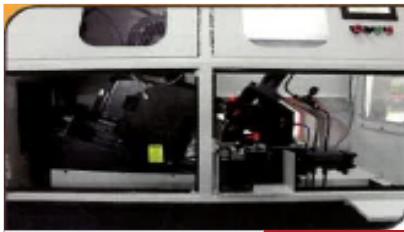


MODEL - CSM 70 CIRCULAR SAW MACHINE

AVAILABLE IN MODEL CSM 70 / 80 / 100 / 125 / 150

359/B-360/2, Makarpura GIDC,
Vadodara-390010, Gujarat, India.

+91-9879611699
www.multicut.in | sales@multicut.in



FULLY AUTOMATIC CIRCULAR SAW MACHINE

Model : CSM 70 / 80 / 100 / 125 / 150



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	Technical Data	CSM - 70	CSM - 80	CSM - 100	CSM - 125	CSM - 150
CUTTING CAPACITY	Round Bar (mm)	10 - 70	20 TO 80	30 TO 100	25 TO 125	30 TO 150
	Square Bar (mm)	10 - 50	10 TO 60	30 TO 70	25 TO 90	30 TO 100
	Remnant Length	60 MM	60 MM	60 MM	75 MM	80 MM
CIRCULAR SAW CUTTER	TYPE	HSS / TCT	HSS / TCT	HSS / TCT	TCT	TCT
	DIA X KERF Thickness X Body Thickness X BORE & No. of MOUNTING HOLE & MOUNTING HOLE DIA X PCD	285 x 2 x 1.7 x 32 & 4 X 11 X 63	285 x 2 x 1.7 x 32 OR 315 x 2 x 1.7 x 32 & 4 X 11 X 63	360 x 2.5 x 2.25 x 50 & 4 X 14 X 80 OR 4 X 16 X 80	425 x 2.7 x 2.25 x 50 & 4 X 14 X 80 OR 4 X 16 X 80	460 x 2.7 x 2.25 x 50 & 4 X 14 X 80 OR 4 X 16 X 80
	Blade Speed	50 to 180 MPM	50 to 180 MPM	50 to 180 MPM	50 to 180 MPM	50 to 180 MPM
	Coolant	Flood / Micromist	Flood / Micromist	Flood / Micromist	Flood / Micromist	Flood / Micromist
COOLANT	Flood Coolant Tank (Capacity)	80 Ltr	80 Ltr	80 Ltr	100 Ltr	100 Ltr
	Micromist Tank (Capacity)	0.5 Ltr	0.5 Ltr	0.5 Ltr	1.0 Ltr	1.0 Ltr
	Air Pressure for MicroMist	6 BAR	6 BAR	6 BAR	6 BAR	6 BAR
SAW MOTOR	Power (hp / kw) RPM	10 HP / 7.5 kw 1440 RPM	15 HP / 11.2 kw 1440 RPM	20 HP / 15 kw 1440 RPM	30 HP / 22.5 kw 1440 RPM	40 HP / 30 kw 1440 RPM
HYDRAULIC MOTOR	Power (hp / kw) RPM	3 HP / 2.2 kw 1440 RPM	3 HP / 2.2 kw 1440 RPM	3 HP / 2.2 kw 1440 RPM	3 HP / 2.2 kw 1440 RPM	3 HP / 2.2 kw 1440 RPM
HYDRAULIC	Tank Capacity	90 Ltr	90 Ltr	90 Ltr	110 Ltr	110 Ltr
ELECTRICALS	Main Supply	415 V / 3 hp / 50 hz	415 V / 3 hp / 50 hz	415 V / 3 hp / 50 hz	415 V / 3 hp / 50 hz	415 V / 3 hp / 50 hz
	Control	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC
WEIGHT	Standard Machine Weight (Appx.in kg.)	2600 Kg	3100 Kg	3600 Kg	4300 Kg	5000 Kg
FLOOR SPACE (in mm)	Without Auto Loader	1900(W) X 2200(L)	2100(W) X 2400(L)	2300(W) X 2500(L)	2400(W) X 2800(L)	2500(W) X 3000(L)

STANDARD ACCESSORIES

- Variable Vice Pressure
- Heavy Duty Helical Gear Box with power brake
- Ground ball screw for Saw Blade Feed
- Variable blade speed by VFD (A.C. Drive)
- Cutting Feed by Servo Motor
- Automatic blade separation
- Carbide blade guides and vice surfaces
- Tipped saw blades
- Automatic incline magazine
- Ball Screw material gripper feed
- Dual Hydraulic Clamping Horizontal & Vertical
- Automatic Chip Conveyor
- Automatic Trim / Remnant Sorting
- User Friendly Control with touch screen of HMI & PLC diagnostics and error code display, warning, caution, alerts for trouble shooting.
- Automatic Saw Blade Protection
- Saw Blade 1 trial piece
- Automatic Lubricating System
- Micro Mist Oil System
- Tools 1 set with Tool Box

OPTIONAL ACCESSORIES

- Mini Air Compressor
- Cutting Fluid Coolant System
- Automatic Loading Table 6 Meter Long for round bar
- Exhaust Fume Oil Separator
- Servo Stabilizer

APPLICATIONS :

- Most Suitable for Cold Forge Shops as very close weight
- Variation in Cut Piece
- Forging Units
- Cutting Traders
- Automobile Industries
- Fittings / Fasteners manufacturing
- Arms & Ammunition
- Infrastructure
- Refineries & Petrochemical
- Forging Units to cut end pieces
- End Cutting In CNC Production centres for auto components
- Centres for auto components
- General Purpose Application where batch cutting required

Note : 1. Above Specification, Data & Design are subject to change without prior notice for Modification & Improvement

2.Optional Accessories shown in Machine Photographs are at an extra cost.

Made For Heavy Duty Application

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