



SINCE : 1994

# MULTICUT MACHINE TOOLS

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## FULLY AUTOMATIC CIRCULAR SAW MACHINE

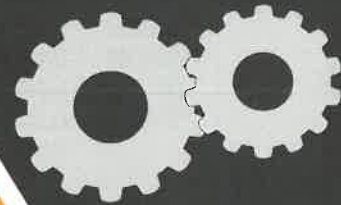
PRECISE • PRODUCTIVE • ECONOMIC • HEAVY DUTY • SAFE  
Complete Solution for Tube and Bar Cutting



CIRCULAR SAW MACHINE  
MODEL : CSM-70

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Vadodara - 390 010, Gujarat. INDIA  
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# FULLY AUTOMATIC CIRCULATION MACHINE



## TECHNICAL SPECIFICATION FOR CIRCULAR SAW MACHINE

	SPECIFICATION	CSM-70	CSM-80	CSM-100
CUTTING CAPACITY	Round Bar (mm)	15 to 70	20 to 80	30 to 100
	Square Bar (mm)	10 to 50	10 to 60	30 to 70
	Auto cut Feed Length (mm) with Multiple Index	6 to 400	9 to 400	15 to 400
CIRCULAR SAW CUTTER	HSS / TCT	HSS / TCT	HSS / TCT	HSS / TCT
	Dia & Thickness	285 x 2 x 1.7 x 32	315 x 2 x 1.7 x 32	360 x 2.5 x 2.25 x 40
	Blade Speed	50 to 180 RPM	50 to 160 RPM	50 to 150 RPM
FLOOD	Flood	Micro Mist / Coolant	Micro Mist / Coolant	Micro Mist / Coolant
	Coolant Tank (Capacity)	80 Ltrs	80 Ltrs	80 Ltrs
	Micro Mist Tank (Capacity)	0.5 Ltrs	0.5 Ltrs	0.5 Ltrs
SAW MOTOR	Power (KW / HP)	7.5 KW / 10 HP	11.0 KW / 15 HP	15 KW / 20 HP
	RPM / (Phase / Volts / Hertz)	1440/3/415/50	1440/3/415/50	1440/3/415/50
HYDRAULIC	Hydraulic Motor	0.75 KW / 1 HP	0.75 KW / 1 HP	1.5 KW / 2 HP
	Tank Capacity	90 Ltrs	90 Ltrs	90 Ltrs
	Control Volts	24V DC	24V DC	24V DC
BLADE SPEED	Blade Speed	Servo Motor with Planetary Gear Box & Ball Screw	Servo Motor with Planetary Gear Box & Ball Screw	Servo Motor with Planetary Gear Box & Ball Screw
MATERIAL INDEXING	Material Indexing	Servo Motor with Ground Ball Screw	Servo Motor with Ground Ball Screw	Servo Motor with Ground Ball Screw
PNEUMATIC PRESSURE REQUIREMENT		4~6kg/cm2 (55~85 psi)	4~6kg/cm2 (55~85 psi)	4~6kg/cm2 (55~85 psi)
WEIGHT (STANDARD MACHINE)	Weight (Approx Kgs.)	2600 Kgs	3100 Kgs	3600 Kgs
FLOOR SPACE (IN MM)	Machine without Auto Loader	1900 W x 2200 L	2100 W x 2400 L	2300 W x 2400 L

***The above specifications & designs are subject to change without prior notice due to continuous improvement. Optional accessories shown in machine Photographs are at extra cost.***

### STANDARD ACCESSORIES ▶

- HEAVY DUTY HELICAL GEARBOX WITH POWER BRAKE
- HEAVY DUTY BALL SCREW FOR SAW BLADE FEED
- VARIABLE BLADE SPEED BY VFD (A.C. DRIVE) & VARIABLE 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
- TOOLS 1 SET WITH TOOL BOX
- AUTOMATIC LUBRICATING SYSTEM
- MICRO MIST OIL SYSTEM

### OPTIONAL ACCESSORIES ▶

- VARIABLE VICE PRESSURE
- CUTTING FLUID COOLANT SYSTEM
- AUTOMATIC LOADING TABLE 6 METER LONG ONLY FOR ROUND BAR
- EXHAUST FUME OIL SEPARATOR

### 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 | General purpose application where batch cutting required.



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