



# MEC TECHNOLOGY MACHINES (I) PVT. LTD.

(Band Saw & Circular Saw Machine Manufacturer & Exporter)



## **MEC- FANC 85 CSM FULLY-AUTOMATIC NUMERIC CONTROL CIRCULAR SAW MACHINE**

- Torsion free construction of heavy duty fabricated structure of machine.
- Infinitely variable servo controlled cutting feed.
- Hydraulic operated job clamping dual vice on main table.
- Cutting feed through ball screw servo motor.
- Auto and manual mode for cycle sequence.
- Inbuilt micro mist cooling arrangement.
- Auto return of cutting head after completion of cut.
- Automatic trim cut enable option.
- Saw motor speed control via A.C Frequency drive.
- Motorized chip conveyor system for chips removal.
- Indexing of job through ball screw servo motor arrangement.
- Automatic lubrication pump for oiling all movable parts.
- Cut of length measured by PLC using servo drive arrangement.
- Ergonomically designed control panel with highquality switchgears.
- Automatic job dia sensing system.



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## CIRCULAR SAW MACHINES

(CNC and NC CONTROLLED CIRCULAR SAW MACHINE WITH TCT as well as HSS SAW CUTTER)



### FANC 120 CIRCULAR SAW MACHINE

Rigid construction with the slant type cutting head movement.  
Heavy duty gear head with "O" backless



### FANC 60 CIRCULAR SAW MACHINE

Unique designed rear floating vice results accurate indexing.  
Auto, Semi-auto and manual mode for cycle sequence.



### FANC 85 CIRCULAR SAW MACHINE

Carbide stabilizing pads for vibration free cutting.  
Hydraulic Clamping dual vices on main table.



### FANC 100 CIRCULAR SAW MACHINE

Automatic material diameter sensing system  
HMI Self diagnostic feature for easy trouble shooting,  
warning, alarms etc.

	Specification	FANC 65	FANC 85	FANC 100	FANC 120	FANC 150
Cutting Capacity	Round Bar	10-65 mm	16-85 mm	25-100 mm	30-120mm	45-150 mm
	Square Bar	10-40 mm	10-65 mm	25-75 mm	30-95 mm	45-115 mm
	Stock Bar Length	2-6 Mtr.	2-6 Mtr.	2-6 Mtr.	2-6 Mtr.	2-6 Mtr.
	Cut off Length	20-1500 mm	20-2000 mm	20-2000 mm	20-2000 mm	20-2000 mm
	Single Feeding length	600 mm	700 mm	750 mm	800 mm	800 mm
Cutter	Type	TCT/HSS	TCT/HSS	TCT/HSS	TCT/HSS	TCT/HSS
	Size	250/285x2.0 mm	285/315x2.0 mm	360/420x2.6 mm	360/420x2.6 mm	420/460x3.25 mm
	Coolant	Micromist	Micromist	Micromist	Micromist	Micromist
Drive	Feeding Drive	Servo & Ball screw	Servo & Ball screw	Servo & Ball screw	Servo & Ball screw	Servo & Ball screw
	Cutting Drive	Servo & Ball screw	Servo & Ball screw	Servo & Ball screw	Servo & Ball screw	Servo & Ball screw
Other Features	Hydraulic Tank Volume	70L	90L	100L	130L	135L
	Electrical - Control	PLC Control	PLC Control	PLC Control	PLC Control	PLC Control
	User Interface	Touch Screen HMI	Touch Screen HMI	Touch Screen HMI	Touch Screen HMI	Touch Screen HMI

**THESE MACHINES REQUIRE STABILIZED POWER SUPPLY OF 3 PHASE 415 VAC, TO AVOID ANY MALFUNCTIONING OF SENSITIVE SERVO MOTORS AND DRIVES. IT IS RECOMMENDED TO HAVE A SERVO STABILIZER. THESE MACHINES WORK WITH MICRO-MIST COOLING ARRANGEMENT, WHICH REQUIRES DRY AIR AT 4 BAR PRESSURE & 10 CFM REGULAR SUPPLY AIR INPUT LINE**