

INDTOOLS



Technology with Time



Affordable Metal Cutting Solution Provider

ITL, a trail-blazer in High Speed Sawing Technology has commendably established itself in domestic and global markets as a dependable 'Cutting Solution Provider'; and in its strive, ITL has achieved yet another milestone by introducing to the country High Speed Circular Sawing Machine, keeping pace with Time and Technology.

High Speed Circular Sawing Machine



Salient Features :

- ❑ High Speed Circular Sawing is backed by the latest state-of-the-art technology to overcome quality and productivity limitations, being observed in other methods of cutting.
- ❑ Good Surface finish and face squareness do not require facing operation. Achievable surface finish is around Ra 1.6 to 3.2.
- ❑ Productivity examples - for CNC models only.
 C-40 Bars of Diameter 30 mm x 40 mm long = 420 Pieces per Hr. (By using TCT blade)
 C-40 Bars of Diameter 30 mm x 40 mm long = 320 Pieces per Hr. (By using HSS blade)
 ERW MS Pipe of O. D. 30 mm x 2 mm wall thickness x 100 mm long=900 Pieces per Hr.
- ❑ Models are available in Manual & Automatic Versions apart from Numerically Controlled.

Optional Accessories :

- ❑ Colour Touch Screen Facility
- ❑ Cutters (TCT & HSS)

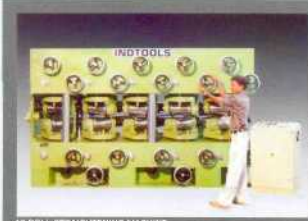




Our other range of products...



VERTICAL BANDSAW MACHINE



10 ROLL STRAIGHTENING MACHINE



HYDRAULIC POWER HACKSAW



AUTOMATIC CIRCULAR SAWING MACHINE



1525 HIGH SPEED DOUBLE COLUMN BANDSAW MACHINE



TUBE MILL



TUBE STRAIGHTENING MACHINE



HIGH SPEED CIRCULAR SAWING MACHINE



GENERATOR STATOR BAR PRESS

Specification	MODEL					
	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
CUTTING CAPACITY	ITL-CSNC 70	ITL-CSNC 90	ITL-CSNC 125	ITL-CSNC 150	ITL-CSA 200	
	Round Bar / Pipe	10-70mm	20-90 mm	25-125 mm	30-150 mm	50-200 mm
	Square Bar	10-55 mm	20-65 mm	25-120 mm	30-145 mm	50-160 mm
	Stock Bar Length	2-6 Met	2-6 Met	2-6 Met	2-6 Met	2-6 Met
	Cut-off Length	20 mm - 300 mm	20 mm - 300 mm	25 mm - 300 mm	25 mm - 300 mm	40mm - 300mm
	Crop Cut Length	20 mm - 60 mm	20 mm - 60 mm	30 mm - 60 mm	30-80 mm	50-100 mm
	Remnant End length	150 mm	150 mm	200 mm	200 mm	220 mm
CIRCULAR SAW CUTTER	Tungston Carbide Tipped / HSS	TCT/HSS	TCT/HSS	TCT/HSS	TCT/HSS	TCT/HSS
	Diameter x Thickness x bore-nos. of mounting hole / hole dia/PCD of hole	Dia 250x2.0x32 4.9/50&4/11/63, Dia-285x2.0x32, 4.9/50 & 4/11/63, Dia-315x2.0x32 4.9/50 & 4/11/63	Dia-315x2.0x40- 2/15/80, Dia-360x2.6x40-4/15/80 & 4/11/90	Dia-460x2.7x50- 4/11/90 Dia-560x3x50- 4/11/90	Dia-460x2.7x50- 4/11/90 Dia-560x3x50- 4/11/90	Dia-630x6x80- 4/25/160 Dia-730x6x80- 4/25/160
	Speed-RPM Variable by Inverter	30-200	30-200	25-150	25-150	20-120
	Saw Cutter Feed -MM/Sec Servo driven by Ball Screw	0-100	0-100	0-50	0-50	0-50
	Cutter Head Position on Linear bearing slide	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
BAR FEED (Indexing)	Servo driven by Ball Screw arrangement	Automatic	Automatic	Automatic	Automatic	Hydraulic Bar Feeding
	Multi cuts in single stroke	Yes	Yes	Yes	Yes	N.A
COOLANT	Flood / Micromist	Flood / Micromist	Flood / Micromist	Flood / Micromist	Flood / Micromist	Flood / Micromist
	Flood Coolant Tank Capacity	100 Ltrs	100 Ltrs	100 Ltrs	100 Ltrs	100 Ltrs
	Micromist Tank Capacity	0.5 Ltr	0.5 Ltr	0.5 Ltr	0.5 Ltr	0.5 Ltr
	Air Pressure for Micromist	6 Bar Min.	6 Bar Min.	6 Bar Min	6 Bar Min	6 Bar Min
SAW MOTOR	HP/RPM/Phase/Volts/Hertz/ KW	10/1400/3/440/50 7.5 KW	15/1440/3/440/50 11.25 KW	25/1440/3/440/50 18.75 KW	30/1440/3/440/50 22.5 KW	50/1440/3/440/50 37.5 KW
	HYDRAULICS	HP/RPM/Phase/Volts/Hertz Tank Capacity	3/1440/3/440/50 140 Ltrs	3/1440/3/440/50 140 Ltrs	3/1440/3/440/50 140 Ltrs	3/1440/3/440/50 140 Ltrs
ELECTRICALS	Operating Pressure	50-60 Kg/SqCm.	50-60 Kg/SqCm	50-60 Kg/SqCm.	50-60 Kg/SqCm.	50-60 Kg/SqCm.
	Control Volts	220	220	220	220	220
FLOOR SPACE/ MACHINE SIZE	Supply	440V/3Ph/50 hz	440V/3Ph/50 hz	440V/3Ph/50 hz	440V/3Ph/50 hz	440V/3Ph/50 hz
	LxWxH without auto loader (appx)	3000x2200x2100 MM	3000x2200x2100 MM	3000x2700x2100 MM	3000x2700x2100 MM	1800x1800x2500 MM
WEIGHT (Appx)	LxWxH without auto loader (appx)	7050x1900x2300	7050x1900x2300	7300x2800x2500	7300x2800x2500	7500x2800x2500
	Standard Machine	2500 Kgs	2800 Kgs	4500 Kgs	4700 Kgs	12500 Kgs
ACCESSORIES	Auto Loader (4/6 mtr. long)	1200 Kgs	1500 Kgs	2500 Kgs	2650 Kgs	3500 Kgs
	Essential Accessories - Auto Loader 4/6 Mtr. long - Crop Cut separator - Touch screen HMI - Dedicated Air Compressor.					

Note: ➔ Machine is to be kept in a proper enclosure so that it is not exposed to sun light, rain and heavy wind. ➔ The Machine requires stabilized power supply of 3 Phase 440V AC, to avoid any malfunctioning of sensitive Servo Drives. It is advised to have a power stabilizer of 25 KVA. ➔ These Machines work with Micro Mist Cooling arrangement which requires dry air at 6 bar, 5 CFM regular supply. It is advised to have a FRL Unit in Air Input line.

➔ Accessories shown in photograph are not part of supply.

THE ABOVE SPECIFICATIONS & DESIGNS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE
OPTIONAL ACCESSORIES SHOWN IN MACHINE PHOTOGRAPHS ARE AT EXTRA COST.



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