ITL

Technology with Time

Cutting, Chamfering & Drilling* Machine for Round Bars

ITL Industries Ltd.

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Cutting, Chamfering & Drilling* Machine for Round Bars

Specifications

Model	CnC 50	CnC 75	CnC 100
Cutting Capacity (Round) - in mm	10 - 50	20 - 75	25 - 100
Chamfer Size	0.5 to 3 mm X 45° Other Angle Optional	0.5 to 3 mm X 45° Other Angle Optional	0.5 to 3 mm X 45° Other Angle Optional
Material Cut Length - in mm	Min 50 mm or Double of Bar Diameter, Maximum 300 mm	Min 50 mm or Double of Bar Diameter, Maximum 300 mm	Min 50 mm or Double of Bar Diameter, Maximum 300 mm
Cutter Diameter	420 mm TCT	460 mm TCT	530 mm TCT
Saw Motor - HP / KW	10 / 7.5	10 / 7.5	15 / 11.2
Chamfering Head (1st & 2nd) Motor - HP / KW	5 / 3.7	5 / 3.7	5 / 3.7
Hydraulic Motor - HP / KW	3 / 2.2	3 / 2.2	3 / 2.2
Remnant Length - in mm	200 + cut length	230 + cut length	250 + cut length
Shuttle Indexing Stroke - in mm	1000	1000	1000
Minimum Trim Cut - in mm	10	10	10
Coolant	Micromist	Micromist	Micromist
Control Voltage	24V	24V	24V
Weight Approx. - in kg	4200	4500	4800
Dimension (LxWxH) Approx. - in mm	3250 X 2000 X 2000	3250 X 2200 X 2000	3250 X 2500 X 2000

*Drilling process at one end or both ends optional at extra cost.

ITL reserves the right to change product design and specifications at any time without notice. Features and accessories shown may not be part of standard equipment. Images used are for illustration purposes only and may not be an exact representation of the product.

Note: These machine require stabilized power supply of 3 Phase 415V 50Hz.

Salient Features

Saw Head Movement
Saw head moves horizontally on roller type LMG bearings and ball screw through AC servo motor.

Shuttle Table Movement
Shuttle table moves on LMG rails and ball screw through AC servo motor as per the cut length in PLC program.

Chamfering Head Indexing & Positioning
Chamfering head (both) indexing & chamfering head positioning through AC servo motor and ball screw.

Automatic Bar Loading
Automatic bar loading on the machine from Auto Bar Loader (Optional)

Bar Clamping by Hydraulic Chuck
Job clamping in shuttle table and work table by hydraulic collet chuck with quick clamp and release arrangement for productivity.

Sample Cut Pieces

ITL Industries Ltd.
Since 1985 (a BSE Listed, ISO 9001:2015 Certified Company)
111, Sector-B, Sanwer Road, Industrial Area, INDORE - 452015 (M.P.) BHARAT (India)
Phone : 91-731-7104400-409, Mktg. & Sales : 91-731-7104412-418 Fax : 91-731-7104410
E mail : marketing@itl.co.in, info@itl.co.in, Website : www.itl.co.in

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