INDTOOLS

Technology with Time

NC SERVO-DRIVEN HORIZONTAL BANDSAW MACHINE

ITL Industries Ltd.

Specification of 450 LMGTV NC

Model	450 LMGTV NC
Cutting Capacity Round - In mm - In Inch Square - In mm - In Inch	 450 18" 450X450 18"
Cutting Speed - Mtr./Min - Ft./Min	 20 - 100 65 - 328
Blade Size - mm	6600 x 41 X 1.3
Saw Motor Capacity - K.W. - H.P.	 7.5 10.0
Coolant Reservoir - Ltr. - Gallon	 100 26
Hyd. Motor Capacity - K.W. - H.P.	 1.5 2.0
Approx. Net Wt. (Kg.)	2500
Overall Dimensions In mm - L x W x H	3700 x 1400 x 2400

The above specifications & designs are subject to change without prior notice. Optional accessories shown in the pictures may not be part of standard equipment.

Special Features :

1. Cutting feed through Servo Motor with ball screw, guided on imported Linear Motion Guides.
2. Highest productivity and exceptional blade life* achievable in comparison to conventional bandsaw machines.
3. Self-adjusting Floating Shuttle system with broad and sturdy construction.
4. Multiple cut length programming witb batch selection facility.
5. PLC gives recommendation for feed and speed selection based on the job material (Type & Size)
6. User-friendly HMI with touch screen facility provides comprehensive information like -
   a. Cutting rate (Sq. cm/min) b. Cutting area (Sq. cm)
   c. Actutal feed rate (mm/sec.) d. Cutting time (in seconds).
   e. No. of cuts completed f. Current in saw motor (Amp)
   g. Torque in feed motor (Nm also in %)
   h. Torque in servo motor (Nm also in%)
   i. Indexing length (mm) etc.
7. Rapid approach feature inbuilt in the PLC program to increase productivity.
8. New Advanced Heavy duty Blade guide arrangement with horizontal and vertical adjustment facility for perfect blade alignment.
9. Metallic telescopic bellows for protection of Bail screw from dirt and metal chips.

(*under idel conditions)

Special Features :

- Wheel covers inter-locking with saw motor.
- Blade broken indicator.
- Vice clamping before saw start.
- Bar exhaust sensor for bar ending signals for accident protection.
- Automatic height adjusting accordingly to the job size.
- Safety guard provided fro shuttle table moving area.
- Protection limit switch provided for up down movement of cutting head.
- Mechanical overload protection for both servo motor (specially designed mechanical coupling)
- Energy chain protection for moving hoses and cables.

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