INDTOOLS

Technology with Time

Double Column Semi Automatic Metal Cutting Band Saw Machine

ITL Industries Ltd.

Double Column Bandsaw Machines with LMG Rails & Bearings

Specifications of LMGTV Machines

Model	LMGTV 660	LMGTV 860	LMGTV 1020	LMGTV 1260	LMGTV 1520	LMGTV 1760	LMGTV 2020
Cutting Capacity							
Round - In mm	660	860	1020	1260	1520	1760	2020
- In Inch	26"	34"	40"	49"	60"	69"	79"
Square - In mm	660	860	1020	1260	1520	1760	2020
- In Inch	26"	34"	40"	49"	60"	69"	79"
Cutting speed - Mtr./Min	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100
Blade Size - mm	8800 x 67 x 1.6	9300 x 67 x 1.6	11000 x 67 x 1.6	12300 x 67 x 1.6	13900 x 67 x 1.6	14960 x 80 x 1.6	15600 x 80 x 1.6
Saw Motor Capacity							
- K. W.	11.2	11.2	15	18.6	18.6	22	30
- H. P.	15	15/20	20	25	25	30	40
Hydraulic Reservoir							
- Ltr.	100	100	100	180	180	180	180
- Gallon	26.5	26.5	26.5	47	47	47	47
Coolant Motor Capacity							
- K. W.	0.2	0.2	0.2	0.2	0.2	0.2	0.2
- H. P.	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Hyd. Motor Capacity							
- K. W.	2.2	2.2	2.2	2.2	2.2	2.2	2.2
- H. P.	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Apprx. Wt. (Kg.)	6050	7160	9500	9800	10500	12100	13400
Overall Dimensions	3950 x 2200 x 2500	4300 x 2200 x 3020	5250 x 2200 x 3400	4800 x 2200 x 4000	5300 x 2200 x 4500	6000 x 2200 x 5100	6960 x 2200 x 5300

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 :

- **Anti Friction LMG*** bearings for smooth up-down movements of cutting head (blade).
- **Hydro Mechanical Sensor*** to adjust feed without operator involvement depending upon material composition, hardness and cross section. Much superior and better technology than conventional hydro-mechanical blade sensor.
- **Carbide face blade guides** preciously manufactured and mounted carbide with anti friction bearings which does not require frequent alignment.
- **Sturdy Split Main Vice** helps in holding the job on both sides of cutting
- **Hydraulic Blade Tension** for precise tensioning of blade for cutting. The blade tension is gradually released when power off to avoid falling of blade.
- **Heavy Duty Gearbox** with Taper Roller Bearings to take the side thrust load of blade tension easily. The drive output is very smooth which helps in getting very high blade life.
- **High pressure coolant jets** are provided for chips removal at very high cutting rates. Better cooling and chips removal helps is achieving high tool life and exceptional material removal rate (MRR).
- **Ergonomic design** of Electrical control panel and Hydraulic Power pack for ease of operation and maintenance.
- **Infinitely variable pressure controlled** cutting feed & upward return rapid movement by hydraulic cylinder.
- **Auto height stop** on return stroke of cutting arm.
- **Automatically adjustable heavy duty carbide blade guides** no need of manual frequent adjustments as the blade guides adjust automatically as per the job width.
- **Hydraulically operated rotating cleaning wire brush.**
- **Hydraulically operated main vice.**
- **Cutting feed and rapid reverse** of cutting arm.
- **When the Hydraulic power of the machine** is off, the tension on the blade is released, so as to avoid fatigue stresses.
- **Automatic machine stops when blade fails.**
- **Hydraulic feed regulation** for high productivity and enhanced tool life.

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