

ITL

Technology with Time



Twin Column Fully Automatic PLC Controlled Band Saw



ITL Industries Ltd.

TCBA- Twin Column Fully Automatic PLC Controlled Band Saw

TCTV- Twin Column Automatic PLC Controlled Band Saw with Manually Bar Positioning

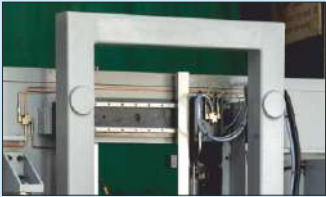


Specifications

MODEL	300 TCBA / TCTV	350 TCBA / TCTV	400 TCBA / TCTV	450 TCBA/TCTV	525 TCBA / TCTV	560 TCBA / TCTV	660 TCBA / TCTV	860 TCBA / TCTV	1020 TCBA / TCTV	1260 TCBA / TCTV	1520 TCBA/TCTV
Cutting Capacity Round - in mm Square - in mm	300 300x300	350 350x350	400 400x400	450 450x450	525 525x525	560 560x560	660 660x660	860 860x860	1020 1020x1020	1260 1260x1260	1520 1520x1520
Cutting Speed - M / Min	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100	12 - 60	12 - 60	12 - 60
Blade size - mm	4400 x 34 x 1.1	5800 x 41 x 1.3	5800 x 41 x 1.3	6600 x 41 x 1.3	6600 x 41 x 1.3	7700 x 54 x 1.6	8800 x 67 x 1.6	9300 x 67 x 1.6	11000 x 67 x 1.6	12000 x 67 x 1.6	13900 x 67 x 1.6
Saw Motor Capacity - HP / KW	5.0/3.7	7.5/5.6	7.5/5.6	10/7.5	10/7.5	15/11.2	15/11.2	15/20/11.2/15	20/15	25/18.6	25/18.6
Hydraulic Tank Capacity - Ltr.	40	40	40	40	40	40	40	50	50	50	90
Hyd. Motor Capacity - HP / KW	1.5/1.12	1.5/1.12	1.5/1.12	1.5/1.12	1.5/1.12	1.5/1.12	1.5/1.12	3.0/2.2	3.0/2.2	3.0/2.2	3.0/2.2
Coolant Motor Capacity - HP / KW	0.24/0.18	0.24/0.18	0.24/0.18	0.24/0.18	0.24/0.18	0.27/0.20	0.27/0.20	0.27/0.20	0.27/0.20	0.27/0.20	0.27/0.20
Approx. Net Wt. (Kg.) - TCBA - TCTV	2100 1500	2750 2250	2850 2350	3300 2880	3800 2900	5500 4865	7000 6250	9300 7350	13000 9600	14500 11700	19000 17500
Overall Dimensions (in mm) Approx. (L x W x H) - TCBA - TCTV	2300 x 1850 x 1850 2300 x 1400 x 1850	2900 x 2300 x 1900 2900 x 1150 x 1900	2900 x 2300 x 1900 2900 x 1150 x 1900	3350 x 2500x 2200 3350 x 1650 x 2150	3350 x 2450x 2200 3350 x 1650 x 2150	4000 x 3000 x 2250 3820 x 2100 x 2450	4300 x 3000 x 2450 4300 x 2100 x 2420	4550 x 3350 x 3000 4550 x 2200 x 3000	5100 x 3350 x 3350 5100 x 1900 x 3350	5550 x 3350 x 3650 5550 x 2100 x 3650	6350 x 3350 x 4450 6350 x 2100 x 4450
Stroke in MM Without bundle attachment (in mm) - TCBA	400	400	400	400	400	600	600	600	600	600	600

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.

Salient Features



Closed Box Construction
Fully heavy duty welded structure torsion free construction. Machine designed to suit Bi-Metal as well as TCT (Carbide Tipped) blade.



Auto Blade Guide Setting
Automatic Moving Blade guide setting with Opening & Closing of Vice to make it fool proof & avoid accidents. Operator attention not required to set as per the job size.



Auto Height Stop
Auto height stop of cutting arm on return stroke to optimise productivity.



Heavy Duty Indexing Shuttle
Heavy duty Indexing shuttle system for auto indexing of bar as per programmed cut length through Hydraulic Cylinder. Material positioning through precise linear magnetic scale.



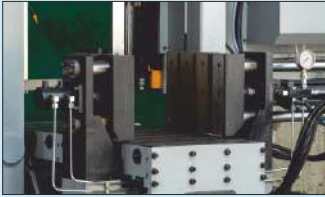
Split Vice for Burr Free Cuts
Hydraulically operated main vice with double acting hydraulic cylinder and Split vice for rigid clamping and burr free cuts.



Motorized Wire Brush
Rotating cleaning wire brush through motor (Electrical / Hydraulic)



Roller Support Bed
Roller support bed in entire indexing length eliminates the weight of the bar on shuttle table.



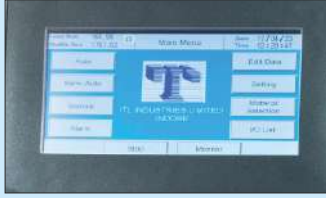
Shuttle with Floating Vice
Shuttle with floating vice to avoid contact while return.



Rigid Construction Using Two LMG
Cutting head up-down movement guided in heavy duty vertical PAIR of linear Motion bearing for jerk free movement to enhance productivity & blade life.



Easy Maintenance
Separate coolant tank on machine bed for easy maintenance.



PLC-HMI for Automatic Cycle
PLC-HMI for automatic cycle sequencing. Cut length and number of cuts in a lot can be programmed in PLC for automatic index stroke setting in TCBA models.



PLC
PLC for semiautomatic cycle sequencing in TCTV models

LMG Pro

**Double Column Fully Automatic PLC Controlled
Metal Cutting Band Saw Machine**



Specifications

MODEL	LMG Pro 210	LMG Pro 300
Cutting Capacity		
Round - in mm	210	300
Square - in mm	210	300
Cutting Speed - M/Min	20 - 100	20 - 100
Blade size - mm	3760 x 34/27 x 1.1/0.9	4100 x 34 x 1.1
Saw Motor Capacity		
- K.W.	3.0	3.7
- H.P.	4.0	5.0
Hydraulic Reservoir - Ltr.	40	40
Coolant Motor Capacity		
- K.W.	0.18	0.18
- H.P.	0.24	0.24
Hyd. Motor Capacity		
- K.W.	1.12	1.12
- H.P.	1.5	1.5
Approx. Net Wt. (Kg.)	1440	1485
"Overall Dimensions In mm L x W x H"	2400 x 1890 x 1500	2600 x 1890 x 1650
"Stroke in MM Without bundle attachment"	400	400

LMGTV

**Double Column Automatic PLC Controlled
Metal Cutting Band Saw Machine
With Manual Bar Positioning**



Specifications

MODEL	LMGTV 210	LMGTV 300
Cutting Capacity		
Round - in mm	210	300
Square - in mm	210	300
Cutting Speed - M/Min	20 - 100	20 - 100
Blade size - mm	3760 x 34/27 x 1.1/0.9	4100 x 34 x 1.1
Saw Motor Capacity		
- KW	3.0	3.7
- HP	4.0	5.0
Hydraulic Reservoir - Ltr.	40	40
Coolant Motor Capacity		
- KW	0.18	0.18
- HP	0.24	0.24
Hyd. Motor Capacity		
- KW	1.12	1.12
- HP	1.5	1.5
Approx. Net Wt. (Kg.)	997	1040
"Overall Dimensions In mm L x W x H"	2400 x 1100 x 1500	2600 x 1890 x 1650

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



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