

AUTOMATIC (DCA)



Hydraulic Heavy Duty Double column Bandsaw Machines (Auto feeder type)

STANDARD FEATURES & ACCESSORIES

- PLC control for all electric & hydraulic functions
- Shuttle Type Automatic Job Length Feeding
- Floating Shuttle vise for handling of bent job
- Automatic work height control & fast approach
- Power driven Chip removal Wire Brush Assembly
- Hydraulic Blade tension
- Split main vise for better gripping
- Idler Wheel Motion Detector with Blade Stalling & Breakage shut off
- Roller Bearing / Carbide wear pad Blade guide system
- Bi Metal Bandsaw Blade

OPTIONAL ACCESSORIES

- Bundle cutting attachment
- Chip Conveyor
- Job Roller Stand
- Wire Brush
- Bi-metal Bandsaw blade
- Variable Vise pressure for thin walled job
- Centralized Lubrication System
- A.C. Drive for Infinitely variable speed control

AUTOMATIC (DCA)

SPECIFICATION	LK-241 DCA	LK-301 DCA	LK-421 DCA	LK-531 DCA
Cutting Capacity Round & Square (mm)	240	310	421	531
Blade Dimensions (mm)	3760 x 27 x 0.9	4100 x 34 x 1.1	5450 x 41 x 1.3	6900 x 54 x 1.6
Blade Linear Speed (mtr / min)	20 / 30 / 40 / 50 / 75	20 / 30 / 40 / 50 / 75	20 / 30 / 40 / 50 / 75	20 / 30 / 40 / 50 / 75
Power Req. (kw/h.p.) Saw Drive	1.5 / 2.0 / 1400 RPM	2.2 / 3.0 / 1440 RPM	3.7 / 5.0 / 1440 RPM	5.5 / 7.5 / 1440 RPM
(440 V AC, 50 Hz, 3 Phase) Hydraulic Drive	0.75 / 1.0 / 1440 RPM	0.75 / 1.0 / 1440 RPM	0.75 / 1.0 / 1440 RPM	0.75 / 1.0 / 1440 RPM
Coolant Pump	0.12 / 0.16 / 2800 RPM	0.12 / 0.16 / 2800 RPM	0.12 / 0.16 / 2800 RPM	0.12 / 0.16 / 2800 RPM
Wire Brush Motor	0.18 / 0.25 / 1440 RPM	0.18 / 0.25 / 1440 RPM	0.18 / 0.25 / 1440 RPM	0.18 / 0.25 / 1440 RPM
Hydraulic Tank Capacity (Ltr)	80	80	80	80
Coolant Tank Capacity (Ltr)	80	80	80	80
Shuttle Bar Feed Stroke (mm)	350	350	350	350
Bundle Cutting W x H mm (*optional)	210 x 150	300 x 150	421 x 150	
Apx. Dimensions (L x W x H) (mtr.)	2 x 2.5 x 1.3	2.3 x 2.5 x 1.3	2.5 x 3.5 x 1.7	3.3 x 3.9 x 2.3
Apx. Weight (kg)	1900	2200	2500	4000

MITER CUTTING BANDSAW (FOR METAL SECTIONS CUTTING)



STANDARD FEATURES

- Saw head movement on heavy duty LM Guide
- The swivel is directly above the intersection of the saw blade and the fix vice jaw so that there is a Datum measuring point which does not change with the miter angle
- Swiveling cutting head & stationary work table with easy cutting angle setting
- Suitable to cut angles in range of 90° to 45° degree
- Accurate angular movement. (least count-0.1° degree)
- Steeples cutting pressure regulation through weight of the heavy and rigid saw frame and the fine tuning pending on cross - section by hydraulic damping cylinder
- Rapid lowering of the saw frame via button until material edge
- Free-standing control panel
- Precise saw blade carbide roller guidance
- Integrated chip collection tray

SPECIFICATION	LK-241 DCM (Mitering)	LK-341 DCM (Mitering)	LK-421 DCM (Mitering)	LK-601 DCM (Mitering)
Cutting Capacity Round & Square 45° degree	240 mm	340 mm	450 mm	610 mm
Round & Square 90° degree	240 mm	340 mm	450 mm	610 mm
Cutting Capacity Rectangle 45° degree	240 x 240	340 x 340	450 x 450	610 x 610
(W x H) mm 90° degree	300 x 240	400 x 340	500 x 450	700 x 610
Blade Dimensions (mm)	3760 x 27 x 0.9	5450 x 34 x 1.1	6270 x 41 x 1.3	7860 x 54 x 1.6
Blade Linear Speed (mtr / min)	20 / 30 / 40 / 50 / 75	20 / 30 / 40 / 50 / 75	20 / 30 / 40 / 50 / 75	20 / 30 / 40 / 50 / 75
Power Req. (kw/h.p.) Saw Drive	2.2 / 3.0 / 1440 RPM	3.7 / 5.0 / 1440 RPM	3.7 / 5.0 / 1440 RPM	5.5 / 7.5 / 1000 RPM
(440 V AC, 50 Hz, 3 Phase) Hydraulic Drive	0.75 / 1.0 / 1440 RPM	0.75 / 1.0 / 1440 RPM	0.75 / 1.0 / 1440 RPM	1.1 / 1.5 / 1440 RPM
Coolant Pump	0.12 / 0.15 / 2800 RPM	0.12 / 0.15 / 2800 RPM	0.12 / 0.15 / 2800 RPM	0.12 / 0.15 / 2800 RPM
Wire Brush Motor	0.18 / 0.25 / 1440 RPM	0.18 / 0.25 / 1440 RPM	0.18 / 0.25 / 1440 RPM	0.18 / 0.25 / 1440 RPM
Hydraulic Tank Capacity (Ltr)	60	60	60	80
Coolant Tank Capacity (Ltr)	60	60	60	80
Apx. Dimensions (L x W x H) (mtr.)	2.2 x 1.1 x 1.5	2.5 x 1.3 x 1.8	3 x 1.5 x 2	3.5 x 1.7 x 2.2
Apx. Weight (kg)	1200	1500	1800	2300