



INDIA INTERNATIONAL MARKETING COMPANY



METAL CUTTING BANDSAW & HACKSAW MACHINES - LAXSON AUTOMATIC (DCA)



Special Features

SPECIFICATIONS

Model	LK-211 DCA	LK-301 DCA	LK-421 DCA
CUTTING CAPACITY mm Round & Square	210	310	421
Blade Dimensions mm	3760 x 27 x 0.9	4100 x 34 x 1.1	5450 x 41 x 1.3
Blade Speed mtr / min	20-30-40-50-75	20-30-40-50-75	20-30-40-50-75

Power Req. Kw/h.p. 440 V AC, 50 Hz 3 Phase	Saw Drive Hydraulic Drive Coolant Pump	1.5 / 2.0	2.2 / 3.0	3.7 / 5.0
		1440 RPM	1440 RPM	1000 RPM
		0.75 / 1.0	0.75 / 1.0	0.75 / 1.0
		1440 RPM	1440 RPM	1440 RPM
		0.12 / 0.16	0.12 / 0.16	0.12 / 0.16
		2800 RPM	2800 RPM	2800 RPM
Hyd. Tank ltr		80	80	80
Coolant Tank ltr		80	80	80
Apx. Dimensions		2 x 2.5 x 1.3	2.3 x 2.5 x 1.3	2.5 x 3.5 x 1.7
Approx. Weight Kg		1900	2200	2500
Bunddle Cutting W		150 to 210	150 to 300	150 to 421
(Optional) mm H		30 to 150	30 to 150	30 to 220
Shuttle Bar Feed Single		350	350	350

MACHINE OPERATION :- (AUTOMATIC)

The job is placed for initial cut (first cut). After pushing the 'CYCLE START' button job would be clamped by front vice and rear vice. Blade would come rapidly down (quick approach) up to the job height and then after it would slow down as per cutting feed valve setting (manual setting one time as per requirement), and the cutting operation continues, after finishing the cutting operation blade would be moved upward up to the set height (Quick approach sensor) then rear vice would push the job automatically as per its set length (length counter). Again blade would come down rapidly up to the job height and then starts cutting and this cycle repeats as per our required number of pieces, set on pieces counter. Multiple indexing is also possible in this cycle for longer job length cutting for more than 350 mm. PLC operated panel would display the no of operation completed. Bundle cutting (more than 2 jobs) facility is available as optional in this type of machine.

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
■ M-42 Bi Metal Bandsaw Blade

Optional Accessories :-

■ Chip Conveyor
■ A.C. Drive for Infinitely variable speed control
■ Bundle cutting attachment
■ Job Roller Stand

■	Variable Vise pressure for thin walled job
■	Wire Brush



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