

Double Column Bandsaw Machines



Features

- > Double Acting Hydraulic Cylinder for Main Vice and Shuttle Vice.
- > Infinitely variable Feed Control Valve for Setting the Cutting Rate
- > Automatic height adjustment for saw frame to save idle time.
- > Length setting thru Digital Siko meters (0.1mm Least Count)
- > Adjustable Heavy-duty movable blade guide with tungsten carbide wear pads & guide rollers.
- > Automatic Machine OFF, in case of Blade Breakage

ACCURATE CUTTING SYSTEMS

The Perfect Cut...Always

ACS - Accurate Cutting Systems has built a Reputation for High Precision and Quality Bandsaw's that work efficiently to give excellent returns on your investment.

Building on a great range of Double Column and Vertical Bandsaws, we also offer Customized Special Purpose Bandsaw's to suit your requirements

With an ACS Bandsaw you can be assured that you will get "The Perfect Cut - Always"

We also manufacture Special Purpose Bandsaws Call for Details

- > Auto indexing for shuttle
- > hydraulic band tension.
- > Step Pulley with V-Belts.
- > Rubber Bellows for Column Protection.
- > Ergonomically designed Electrical Control Panel.
- > Chain drive with gearbox driven rotating wire brush
- > Grounded and Hard chrome plated Double Columns



Vertical Bandsaw Machines

- > Rigid Construction guaranteeing vibration free operation
- > Efficient guiding of the band by tungsten carbide inserts and pre-straightening rollers
- > Hydraulic / Manual blade tension
- > Friction type rotating wire brush / motorized wire brush
- > Coolant arrangement with inbuilt tank
- > Hydraulic table fitting
- > Automatic Machine OFF, in case of Blade Breakage



Visit us at www.acs.co.in

ACS Also Offers: Excellent After Sales Support, A complete range of Bandsaw blades, Spare parts and Annual Maintenance Contracts

Specifications of ACS - Double Column Bandsaw Machines

Model	ACS 180	ACS 210	ACS 300	ACS 370	ACS 450	ACS 550	ACS 650	ACS 800	ACS 1000	ACS 1500
Round (mm)	180	210	300	370	450	550	650	800	1000	1500
Flat(mm)	180x180	210x210	300x300	370x370	420x420	550x550	650x650	800x800	1000x1000	1500x1500
Band Dimension (mm)	3000x27x.9	3505x27x.9	4100x34x1.1	4860x41x1.3	5800x41x1.3	6900x67x1.6	8000x67x1.6	8800x67x1.6	12300x80x1.6	16085x80x1.6
Cutting Speed m/min	20-100									
Saw Motor Power kw/hp	1.5/2	2.25/3	3.7/5	5.5/7.5	5.5/7.5	7.5/10	9.4/12.5	11.00/15.00	15/20	18/25
Hydraulic unit power kw/hp	.75/1		1.5/2			2.2/3				
Coolant pump power kw/hp	.12/.16					.18/.24				
App. net wt - DSA IN. - Kg.	1000	1300	1600	2200	2700	5640	6500	9850	12500	17200
App. net wt - DFA IN. - Kg.	1300	1450	2000	2750	3500					
Overall Dimension of DSA - (Double Column Semi Automatic)										
DSA IN MM - Length	1500	1900	2600	3300	3300	3700	4400	4700	6500	7800
DSA IN MM - Width	750	950	1200	1200	1700	2050	2100	2500	3200	3400
DSA IN MM - Height	1250	1450	1650	1650	2000	2200	2400	3000	3400	4250
Overall Dimension of DFA - (Double Column Fully Automatic)										
DFA IN MM - Length	1500	1900	2600	3000	3000					
DFA IN MM - Width	1050	2100	2200	2350	2400					
DFA IN MM - Height	1250	1450	1650	1650	2000					
Single indexing Stroke in mm Applicable for DFA	300	450	450	550	600					

Specifications of ACS - Vertical Bandsaw Machines

Machine Models	ACS-200V	ACS-380V	ACS-400V	ACS-650V	ACS-700V	ACS-900V
Max. Job Height in mm	200	450	500	500	500	650
Max. Throat in mm	200	380	420	650	700	900
Table Size (L x W in mm)	600 x 600	800 x 800	800 x 800	1200 x 1200	1400 x 1400	1600 x 1600
Blade Speed in mtr/min.	20-100					
Blade Size (L x W x T in mm)	3505x27x0.9	3760 x 27 x 0.9	4100x34x1.1	4860x34x1.1	4860 x 34 x 1.1	6300 x 34 x 1.1
Saw Motor Capacity in HP	3		5			7.5
Coolant Motor Capacity in HP	0.16		0.25			
Overall Size (L x W x H in mm)	900 x 700 x 2100	900 x 700 x 2100	1800 x 1750 x 2400	1800 x 1750 x 2400	1800 x 1750 x 2400	1800 x 1750 x 3000
Approx Weight in Kg	400	400	1800	2200	2300	2300

Standard Accessories

- Positive Manual Blade Tensioning
- Friction type rotating cleaning wire brush
- Hydraulic full stroke clamping
- Step Pulley with V Belt
- Coolant tank
- Tungsten Carbide face guides with ball bearings

Optional Accessories

- Hydraulic bundle cutting attachment
- Electrically Driven Swarf Conveyor
- Lubrication system by hand operated pump for main columns
- A.C. frequency control drive for infinite variation of band speed thru control panel
- Powered wire brush unit
- Blade Tension Meter for periodic checking of blade tension, optimizing tool life
- Length setting thru SIKO Meter & Lead screw arrangement
- Micromist coolant arrangement
- Roller support stand one meter long with vertical guide rolls

ACS - BR - 01_07

Accessories shown in photographs are not part of standard supply

Imp: The Specifications in this Catalogue may be changed without prior notice due to ongoing R&D programs



ACCURATE
CUTTING
SYSTEMS

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