

# Zeal-Tech Automation



**W**e provide a wide range of highly sophisticate Fully Automatic Numeric and Hydraulic operated PLC Control Band Saw Machines. We are renowned as one of the prominent imported sawing machine supplier in India. The machines are manufacturer from the premium quality of raw material to ensure its accuracy and high rate of production. These machines provide vibrations free cutting that optimize production and blade life. Easy Operating system long lasting life and high authenticity are the unique features of machines.



## Standard Features:

- Infinitely variable controlled cutting feed by Hydraulic control valve.
- Hydraulic Operated Blade Tensioning Arrangement.
- Hydraulic Operated job Clamping Main Vice and Shuttle Vice.
- Hydraulic Shuttle table arrangement for Automatic Indexing.
- Automatic machine stop when blade breaks.
- Inbuilt coolant tank with three way cooling arrangement.
- Powered Chips removing wire brush arrangement for cleaning of blade.
- Separate Hydraulic Power pack with all control valves, gauges & Oil level Indicator for easy check & maintenance.
- Electrical Control Panel with PLC and High quality switchgears
- Provision of length setting through Digital "Siko meter".
- Step Pulley with V-Belts for various band speed.
- Chips Conveyor arrangement.

## Standard Features:

- Main Saw Frame guided in two Hardened Ground and Hard chrome plated vertical columns.
- Rapid Up - Down movement of Cutting Arm by Hydraulic cylinders.
- Infinitely variable controlled cutting feed by Hydraulic Valve.
- Autoheight stop arrangement of cutting Arm after completion of cut.
- Cutting Tool (Blade) guided on the two wheel of graded cast Iron.
- Tungsten Carbide faces Blade Guides.
- Hydraulic Operated Blade Tensioning Arrangement.
- Hydraulic Operated job Clamping Main Vice.
- Heavy-duty reduction Gearbox for heavy cutting torque.
- Automatic machine stop when blade breaks.
- Inbuilt coolant tank and three way cooling arrangement.
- Powered Chips removing wire brush arrangement for cleaning of blade.
- Separate Hydraulic Power pack with all Control Valves, Gauges & Oil level Indicator for easy check & Maintenance.
- Electrical Control Panel with High quality switchgears
- Step Pulley with V-Belts for various Band speed.

Model	H320HA	H400HA	H500HA
Cutting Capacity	Ø 320 (400W X 320H)	Ø 400 (400W X 400H)	Ø 500 (500W X 500H)
Saw Blade	4115 X 1.1 X 34	4800 X 1.1 X 34	5650 X 1.3 X 41
Saw Motor	3 Kw / 4 HP	4Kw / 5 HP	5.5Kw X 7.5 Hp
Hydraulic Motor	1.5Kw / 2 HP	1.5Kw / 2 HP	1.5Kw / 2 HP
Coolant Motor	0.07 Kw / 0.1 HP	0.125 Kw / 0.16 HP	0.125 Kw / 0.16 HP
Single Feeding Stroke	500 mm	500 mm	500 mm
Multiple Feeding Stroke	9 Stokes	9 Stokes	9 Stokes
Working Height	670 mm	670 mm	790 mm
Wire Brush	Powdred	Powdred	Powdred
Blade Tension	Hydraulic	Hydraulic	Hydraulic
Clamping Vice	Hydraulic	Hydraulic	Hydraulic
Cutting Speed	20-90 mtr / min	20-90 mtr / min	20-90 mtr / min
Machine Weight (approx)	1700 Kgs	2300 Kgs	2800 Kgs
Packing Size (L X W X H) mm	2460 X 2150 X 1580	2300 X 2200 X 1900	3100 X 2150 X 1600

The above specifications & designs are subject to change without prior notice.

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