



VIJAY MACHINERY

The technology for the next generation.

ABOUT VIJAY MACHINERY

Vijay Machinery Pvt Ltd. was founded in 1985, located in Ahmedabad City of Gujarat State. The main products include various types of horizontal and vertical metal band sawing machines, CNC high speed metal circular saws, etc. It covers 66,000 square meters: and the building density is 28,000 square meters. In Vijay Machinery, there are more than 500 employees, including 60 engineers and technicians.

Besides one of the leading band saws manufacturers in India, **Vijay Machinery** is a member of the council of India Machinery & Tool Association. It has set up a complete quality control system and obtained

ISO 9001 and ISO 14001 certificates and all the products have passed CE approval.

Vijay Machinery has its own independent R&D department with 35 technicians and the lab covers 800 sq Meters. Until now the products have obtained 8 national patents, including 2 invention patents.

Vijay Machinery can offer you the biggest horizontal sawing machine, O 3M and the longest vertical sawing Machine, L7.5M

Because of the superior quality and the large commercial networks, Vijay Machinery band saws are very Popular in India. In the international market, we had exported to over 7 countries and regions, Enjoying a good reputation.

Making better band saws is Vijay Machinery pursuit. Vijay Machinery Sawing Machine will have a brighter future Because of you.

New Processing

New Design

Automatic Band Saw

Intelligent welding: robot welding, surpassing the limit of manual operation to ensure stability, uniformity and consistency Special processing: micron-level precision CNC multi-faceted processing at one time, shot blasting, corrosion-resistant and wear-resistant coating to ensure high precision, durability and reliability of parts Precision assembly: years of technology accumulation, process assembly, stable and efficient operation of equipment.

38+ Years of Experience

20+ Technical Engineers

120+ Employees

ISO 9001 and ISO 14001 Certification

This machine is an equipment for sawing metal materials by bimetallic saw blades. It has the advantages of compact structure, fast cutting speed, high precision, narrow saw gap, low noise, convenient operation, etc. It is a new energy-saving product that replaces circular saws and hack saws. Widely used in various industries such as electromechanical, metallurgy, automobile, bridge, ship, etc., sawing various metal materials





FULLY AUTOMATIC BANDSAW MACHINE

Atal | 330A | 330B | 430A | 430B | 530A



Model Number	Atal330A	Atal330B	Atal430A	Atal430B	Atal530A
Cutting Capacity (MM)	○ 330	○ 330	○ 430	○ 430	○ 530
	□ 330W x 330H	□ 330W x 330H	□ 430W x 430H	□ 430W x 430H	□ 530W x 530H
Saw Blade Size	4115x34x1.1	4115x34x1.1	5100x41x1.3	5100x41x1.3	6350x41x1.3
(MM)Saw Blade Speed	0-80	0-80	0-80	0-80	0-80
(M/Min)Saw Motor (Hp ,Kw)	5Hp , 3.75Kw	5Hp , 3.75Kw	7Hp , 7.25Kw	7Hp , 7.25Kw	10Hp , 5.25Kw
Hydraulic Motor (Hp ,Kw)	1Hp , 0.75Kw	1Hp , 0.75Kw	1.5Hp , 1.12Kw	1.5Hp , 1.12Kw	2Hp , 1.5Kw
Coolant Motor (Kw)	0.18 Kw	0.18 Kw	0.18 Kw	0.18 Kw	0.18 Kw
Hydraulic Tank (L)	60	60	60	60	60
Coolant Tank (L)	50	50	80	80	100
Table Height (MM)	685	685	745	745	780
Work piece Clamping	Hydraulic Vice	Hydraulic Vice	Hydraulic Vice	Hydraulic Vice	Hydraulic Vice
Blade Tension Hydraulic	NO ✗	YES ✓	NO ✗	YES ✓	YES ✓
Main Drive	Worm wheel Drive	Worm wheel Drive	Helical gear Drive	Helical gear Drive	Helical gear Drive
Multiple Feed	500mm x 9times	500mm x 9times	500mm x 9times	500mm x 9times	500mm x 9times
NC Control	NO ✗	YES ✓	NO ✗	YES ✓	NO ✗
Power Blade Cleaning Brush	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
Automatic Feed Roller	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
Working Light	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
Saw Frame Height Selector Gauge	YES	YES	YES	YES	YES
Bundle Cutting Device	NO ✗	YES ✓	NO ✗	YES ✓	NO ✗
Out Feed With Auxiliary Plate Table	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
One Piece Of Bi-metal Saw Blade	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
One Set Of Tools With Tools Box	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
Blade Speed Control Type	VFD With Step Drive	VFD With Step Drive	VFD Drive	VFD Drive	VFD Drive
Automatic Chip Conveyor	NO ✗	YES ✓	NO ✗	YES ✓	YES ✓
Free Drive Roller Table	NO ✗	YES ✓	NO ✗	YES ✓	NO ✗
Safety System	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
Floating Vice Device	NO ✗	YES ✓	NO ✗	YES ✓	NO ✗
Blade Detection Device	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
Material Detection Device	YES ✓	YES ✓	YES ✓	YES ✓	YES ✓
Machine Dimension	2350x2350x1520	2350x2350x1520	2600x2430x1750	2600x2430x1750	3150x2560x2100
Machine Wight Kg	2150kg	2300kg	3000kg	3200kg	4500kg



SEMI AUTOMATIC DOUBLE COLUMN BANDSAW MACHINE

STRONGER | 300 | 330 | 430



Model Number	Stronger300	Stronger330	Stronger430
Cutting Capacity(mm) Round	300mm	330mm	430mm
Cutting Capacity(mm) Square	300x300mm	330x400mm	430x500mm
Blade Size (mm)	3760x34x1.1mm	4115x34x1.1mm	5100x41x1.3mm
Blade Speed(m/min)	20-50-80	20-50-80	20-65 inveter
Saw Motor (HP -KW)	3hp-2.25kw	5hp-3.75kw	7hp-5.5kw
Hydraulic Motor (HP -KW)	0.5hp-0.37kw	0.5hp-0.37kw	1hp-0.75kw
Coolant Pump(Hp)	0.15Hp	0.15Hp	0.15Hp
Workpiece Clamping	Hydraulic Vice	Hydraulic Vice	Hydraulic Vice
Blade Tensioning	Manual	Manual	Manual
Main Drive	Worm drive	Worm drive	Worm drive
Machine Size (LxWxH)mm	1900x1500x950mm	2060x1910x1320mm	2750x2410x1700mm



MITER SAW CUTTING SEMI AUTOMATIC BANDSAW

MITER SAW | 225 | 330



Model Number	Miter Saw 225	Miter Saw 330
Cutting Capacity(mm) Round		
0 Degree °	225mm	330mm
45 Degree °	200mm	300mm
60 Degree °	110mm	170mm
Cutting Capacity(mm) Square		
0 Degree °	225x300mm	330x400mm
45 Degree °	200x225mm	250x330mm
60 Degree °	110x225mm	160x330m
Blade Size (mm)	3300x27x0.9mm	3760x27x0.9mm
Blade Speed(m/min)	25-75	25-75
Saw Motor (HP -KW)	2hp-1.5kw	3hp-2.75kw
Coolant Pump(Hp)	0.15Hp	0.15Hp
Hydraulic Motor (HP -KW)	0.5Hp - 0.37kw	0.5Hp - 0.37kw
Machine Size (LxWxH)mm	1500x1200x950	1900x1600x1100

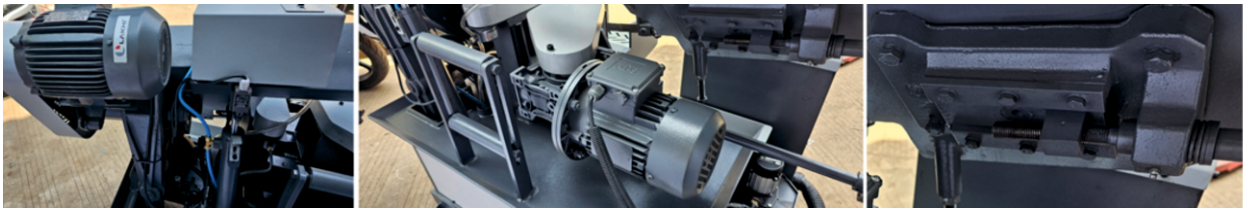


MANUAL BANDSAW MACHINE

CLASSIC I 225 I 300
SWIVEL I 225 I 300
STEEL MASTER I 225 I 330



Model Number	Classic225	Classic300	Swivel 225	Swivel 300	Steel Master225	Steel Master330
Cutting Capacity(mm) Round	225mm	300mm	225mm	300mm	225mm	330mm
Cutting Capacity(mm) Square	150x300mm	250x300mm	200x25mm	250x300mm	150x300mm	250x400mm
45° Degree Angle Cutting			100x100mm	200x200mm		
Blade Size (mm)	3000x27x0.9mm	3760x27x0.9mm	3000x27x0.9mm	3760x27x0.9mm	3000x27x0.9mm	3760x34x1.1mm
Blade Speed(m/min)	25-75	20-75	25-75	25-75	15-70	15-70
Saw Motor (HP -KW)	1hp-0.75kw	2hp-1.5kw	1hp-0.75kw	2hp-1.5kw	2hp-1.5kw	3hp-2.25kw
Coolant Pump(Hp)	0.15Hp	0.15Hp	0.15Hp	0.15Hp	0.15Hp	0.15Hp
Machine Size (LxWxH)mm	1570x1060x650	1940x1200x740	1570x1060x650	1940x1200x740	1570x1060x6503	1940x1200x740
Weight	360kg Appx.	650kg Appx.	360kg Appx.	650kg Appx.	370kg Appx.	700kg Appx.



FULLY AUTOMATIC BANDSAW

STEEL MASTER | 150A
COMPACT | 150NC
HBM | 250NC



Model Number	Steel Master150A	Compact 150NC
Cutting Capacity(mm) Round	150mm	150mm
Cutting Capacity(mm) Square	150x150mm	150x150mm
Blade Size (mm)	3000x27x0.9mm	3000x27x0.9mm
Blade Speed(m/min)	20-50-80	20-50-80
Multiple Feed	5000mm x 1 Time	300mm x 9 Time
Saw Motor (HP -KW)	2hp-1.5kw	2hp-1.5kw
Hydraulic Motor (HP -KW)	0.5hp-0.37kw	0.5hp-0.37kw
Coolant Pump(Hp)	0.15Hp	0.15Hp
Feeding Motor(HP-KW)	0.75hp-0.5kw	
Bundle Cutting Device	No ✖	Yes ✔
Workpiece Clamping	Manual One time	Manual One time
Blade Tensioning	Manual	Manual
Main Drive	Worm drive	Worm drive
Machine Size (LxWxH)mm	1570x1060x650	1570x1060x650



SEMI AUTOMATIC DOUBLE COLUMN BANDSAW MACHINE (High HRC Material Cutting)

Atal I 330S I 430S I 530S



Model Number	Atal330S	Atal430S	Atal530S
Cutting Capacity(mm) Round	330mm	430mm	530mm
Cutting Capacity(mm) Square	330x400mm	430x500mm	530x600mm
Blade Size (mm)	4115x34x1.1mm	5100x41x1.3mm	6350x41x1.3mm
Blade Speed(m/min)	15-70 inveter	15-60 inveter	15-60 inveter
Saw Motor (HP -KW)	5hp-3.75kw	7.5hp-5.5kw	10hp-7.5kw
Hydraulic Motor (HP -KW)	1hp-0.75kw	1.5hp-1.12kw	2hp-1.5kw
Coolant Pump(Hp)	0.25Hp	0.25Hp	0.25Hp
Hydrolic Tank	30	40	50
Table Height	685	745	780
Workpiece Clamping	Hydraulic Vice	Hydraulic Vice	Hydraulic Vice
Working Light	Yes	Yes	Yes
Blade Tensioning	Hydraulic	Hydraulic	Hydraulic
Blade Cleaning Brush	Power Drive	Power Drive	Power Drive
Blade Detection Device	Yes ✓	Yes ✓	Yes ✓
Main Drive	Worm Drive	Helical Drive	Helical Drive



SEMI AUTOMATIC SWING TYPE BANDSAW MACHINE

HBM | 225S | 300S | 350S



Model Number	HBM225S	HBM250S	HBM350S
Cutting Capacity(mm) Round	225mm	250mm	350mm
Cutting Capacity(mm) Square	200x250mm	250x300mm	300x400mm
Blade Size (mm)	3000x27x0.9mm	3505x34x1.1mm	4115x34x1.1mm
Blade Speed(m/min)	20-50-80	20-50-80	20-50-80
Saw Motor (HP -KW)	2Hp-0.75kw	2hp-1.5kw	3hp-2.25kw
Hydraulic Motor (HP -KW)	0.5hp-0.37kw	0.5hp-0.37kw	0.5hp-0.37kw
Coolant Pump(Hp)	0.15Hp	0.15Hp	0.15Hp
Workpiece Clamping	Hydraulic	Hydraulic	Hydraulic
Blade Tensioning	Manual	Manual	Manual
Main Drive	Worm drive	Worm drive	Worm drive
Machine Size (LxWxH)mm	1570x1260x650mm	1800x1380x1050mm	2410x1380x1050mm
Weight	490kg Appx.	800kg Appx.	1200kg Appx.



SEMI AUTOMATIC LINEAR MOTION GUIDE BANDSAW MACHINE

LINEAR | 300 | 350 | 450 | 550 | 650 | 800 | 1000



Model Number	Linear300	Linear350	Linear450	Linear550	Linear650	Linear800	Linear1000
Cutting Capacity(mm) Round	300mm	350mm	450mm	550mm	650mm	800mm	1000mm
Cutting Capacity(mm) Square	300x300mm	350x350mm	450x450mm	550x550mm	650x650mm	800x800mm	1000x1000mm
Blade Size (mm)	3505x34x1.1mm	4115x34x1.1mm	5100x41x1.3mm	6350x41x1.3mm	6860x41x1.3mm	8820x67x1.6mm	9820x67x1.6mm
Blade Speed(m/min)	25-50-80	20-80 Inveter	20-80 Inveter	20-80 Inveter	20-65 Inveter	20-60 Inveter	15-65 Inveter
Saw Motor (HP -KW)	2hp -1.5kw	3hp-2.25kw	5hp-3.75kw	7hp-5.5kw	10hp-7.5kw	12hp-9kw	15hp-11.25kw
Hydraulic Motor (HP -KW)	0.5hp-0.37kw	1hp-0.75kw	1hp-0.75kw	2hp-1.5kw	2hp-1.5kw	3hp-2.25kw	3hp-2.25kw
Coolant Pump(Hp)	0.15Hp	0.15Hp	0.25Hp	0.25Hp	0.25Hp	0.25Hp	0.25Hp
Workpiece Clamping	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Blade Tensioning	Manual	Manual	Manual	Manual	Manual	Hydraulic	Hydraulic
Main Drive	Worm drive	Helical Drive	Helical Drive	Helical Drive	Helical Drive	Helical Drive	Helical Drive
Machine Size (LxWxH)mm	1750x870x1550mm	1950x870x1770mm	2700x980x2000mm	2950x1050x2100mm	3270x1640x2160mm	4130x2150x2500mm	4560x2170x3040mm

Our Valued Customer





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156/B/2 Kailashnagar Estate Opp. BSNL Office Ph-1 Vatva GIDC Ahmedabad-382445

Email. Vijaymachinery9898@gmail.com, **Email.** v_techmachinery98@yahoo.com

Mo. +91 97370 10607 , +91 97373 74442

www.vijaymachinery.co.in

Bangalore Office

Shiva Machine Tools

No.40 ASB Layout Doddabidakal.Bangalore-560073

Email. Shivamachine.brl@gmail.com

Yogesh Murthy :- 9900900955