

THE NAME  
**AMONG PIONEERS** **IN** **METAL CUTTING**



**MANUFACTURER :**

- ♦ MANUAL / AUTO LIFTING | ♦ SEMI / FULLY AUTOMATIC
- ♦ SPM TYPE METAL CUTTING HORIZONTAL BANDSAW MACHINE

[www.krishnabandsaw.com](http://www.krishnabandsaw.com)

**DEALERS INQUIRY SOLICITED**

**KRISHNA**  
ENGINEERING WORKS





### **KRISHNA BANDSAW MACHINES**

Krishna Engineering Works is having an experience of over 50 years this group is backed with enormous knowledge and experiences to serve their clients in a better manner. Constant efforts are made to make the design of the machine more users friendly and for better life of machine as well as the blade. Heavy client base and high level of customer satisfaction inspires us to implement all the techniques and technology which can classify our machine different from others with many unique features available in "KRISHNA BRAND".

Emerging demand and looking at the global scenario we have upcoming projects in progress which can be an additional advantageous move to our reputation. We keep ourselves in customer's shoe and deliver what exactly is required within decided time schedule.

Our company has a promising upcoming bright future with all sets of team incorporated like engineers, technicians, proper store capacity and storage, latest equipments and all other parameters which are essential for a healthy and well organized workshop. Delivering in time and serving customer with best quality is one of our undisputed working abilities which fetches us maximum inspiration to work more and more harder on customer satisfaction.

To cop-up with the advancement and modernized era of industrialization fulfilling all the quarries and requirement of our product. All the basic concept and theory's are clear so as to make necessary changes as it is required according to time and we always look forward to grab suggestions from our clients so as to make our machine more of their choice. Always a developing industry serves you better then a developed industry so we are happy to be a developing industry at present and would always be in the same path to serve our customer the best.

Uniquely designed Gear Box is a result of our continuous quality check department which came out with an idea of manufacturing a gear box which is different from other manufacturers and hence we can give higher life of the blade than any other reputed make.



## SEMI & FULLY AUTOMATIC HINGE TYPE BANDSAW

### KE-1 HSA AUTOMATIC BANDSAW (AUTO FEEDING)

OTHER  
COLORS  
AVAILABLE




#### STANDARD FEATURES

- ♦ High Productivity with low rate saves your idle time
- ♦ Improved heavy duty oil field gear box (synthetic oil)
- ♦ Hard chrome shaft in swiveling arm as well as vice jaw set
- ♦ Single acting hydraulic cylinder for main vice
- ♦ Double acting hydraulic cylinder for rear vice
- ♦ Complete hydraulic and control panel system
- ♦ Automatic machine off, in case of running blade stop / breakage
- ♦ Automatic height adjustment for saw frame to save idle time
- ♦ Mechanical bundle clamping attachment for more than 1 job to cut
- ♦ Door mounted hydraulic power pack for easy maintenance (without hydraulic oil)
- ♦ Infinitely variable feed control valve for setting the cutting rate (Rexroth made)

#### OPTIONAL ACCESSORIES

- ♦ Chip removing wire brush
- ♦ Infinitely variable speed control by A.C. Frequency drive
- ♦ Job roller stand
- ♦ Bi-metal bandsaw blades
- ♦ Lubrication system by hand operated pump / auto lubricant for all sliding area
- ♦ Servo job feeding system for accurate cutting length (**PLC Touch Screen**)

#### TECHNICAL SPECIFICATION

MODELS	KE-1 HSA	KE-6 HSA	KE-2 HSA
Capacity Round	200 mm	250 mm	300 mm
Capacity Square	175 mm	225 mm	275 mm
Blade Dimensions in mm	3000 x 27 x 0.9	3300 x 27 x 0.9	3760 x 34 x 1.07
Blade Speed meter/min	20 / 35 / 55 / 75	20 / 35 / 55 / 75	20 / 35 / 55 / 75
Drive motor 440v AC 3 phase	1 HP 1440 RPM	1.5 HP 1440 RPM	2 HP 960 RPM
Hydraulic drive 440v AC 3 phase	0.5 HP 1440 RPM	0.5 HP 1440 RPM	1 HP 1440 RPM
Coolant Pump 440v AC 3 phase	0.15 HP 440 Volts	0.15 HP 440 Volts	0.15 HP 440 Volts
Job stroke in mm	210	260	310
Bundle cutting Capacity	175 x 90	225 x 120	275 x 170
Hyd tank ltrs	40	50	60
Coolant Tank in ltrs	50	50	70
Dim in mm LxWxH	1910 x 1450 x 1000	2200 x 1610 x 1100	2400 x 1825 x 1200
Mac Weight	495 KG	670 KG	870 KG





## MANUALLY OPERATED HINGE TYPE BANDSAW

**KE-1 STD**  
FOR THE USE OF CARBON STEEL  
BANDSAW BLADE &  
BI- METAL BANDSAW BLADE

**OTHER  
COLORS  
AVAILABLE**



### STANDARD FEATURES

- ♦ High efficiency power transmission to saw thru gear box
- ♦ Adjustable roller bearing & carbide wear pad blade guide system
- ♦ Grinding vice jaw shaft for smooth rotation
- ♦ Grinding swiveling arm shaft for 0% vibration of saw head
- ♦ Specially designed hydraulic feed control jumper system
- ♦ Friction type chip removal wire brush continue cleaning blade tooth gives us extra blade life (only for HS model)
- ♦ Chip collecting tray for easy cleaning & dust proof coolant water

### OPTIONAL ACCESSORIES

- ♦ Job roller stand adjustable only for KE-1STD-KE-1CS - KE-1HS model
- ♦ Job roller stand fixed table type only for KE-2HS to KE-7HS model
- ♦ BI metal bandsaw blade available for all model
- ♦ Carbon steel bandsaw blade only for KE-1STD model
- ♦ Single phase machine available for all models
- ♦ Friction type chip removal wire brush only for HS model
- ♦ Swivel vice assembly for angular cutting (90° to 45°)-(Max cap 125mm square)
- ♦ Variable speed drive for to control blade speed by controller knob
- ♦ Semi auto function for auto saw arm lifting/feeding, vice clamping / disclamping by hydraulic only for HS model
- ♦ Auto saw arm lifting & cutting feed regulator system only for HS model
- ♦ Manual saw arm lifting after cutting job only for HS model

### TECHNICAL SPECIFICATION

MODELS	KE-1STD	KE-1 HS	KE-2 HS	KE-3 HS	KE-4 HS	KE-5 HS	KE-1 CS 150	KE-6 HS 250	KE-7HS 500
Capacity Round	150 mm	200 mm	300 mm	350 mm	400 mm	450 mm	150 mm (NEW)	250 mm (NEW)	500 mm (NEW)
Capacity Square	150 mm	175 mm	275 mm	325 mm	375 mm	425 mm	150 mm	225 mm	475 mm
Drive Motor 440v AC 3 phase	0.5 HP 1440 RPM	1 HP 1440 RPM	2 HP 960 RPM	2 HP 960 RPM	2 HP 960 RPM	2 HP 960 RPM	0.5 HP 1440 RPM	1.5 HP 1440 RPM	3 HP 960 RPM
Coolant Pump 440v AC 3 phase	0.15 HP 440 Volts	0.15 HP 440 Volts	0.15 HP 440 Volts	0.15 HP 440 Volts	0.15 HP 440 Volts	0.25 HP 440 Volts	0.15 HP 440 Volts	0.15 HP 440 Volts	0.25 HP 440 Volts
Blade Dim in mm	2540 x 20 x 0.9	3000 x 27 x 0.9	3760 x 34 x 1.07	4100 x 34 x 1.07	4420 x 34 x 1.07	4570 x 34 x 1.07	2515 x 27 x 0.9	3300 x 27 x 0.9	4600 x 34 x 1.07
Blade Speed m.min	25-30-40	20-35-55-75	20-35-55-75	20-35-55-75	20-35-55-75	20-35-55-75	20-35-55-75	20-35-55-75	20-35-55-75
Approx Dim in mm LxWxH	1500 x 570 x 870	1630 x 750 x 870	2400 x 930 x 1050	2550 x 930 x 1050	2650 x 930 x 1215	2750 x 930 x 1225	1500 x 570 x 870	2000 x 750 x 950	3000 x 930 x 1400
Net Weight Aprx.	250 KG	330 KG	770 KG	820 KG	900 KG	990 KG	270 KG	390 KG	1100 KG

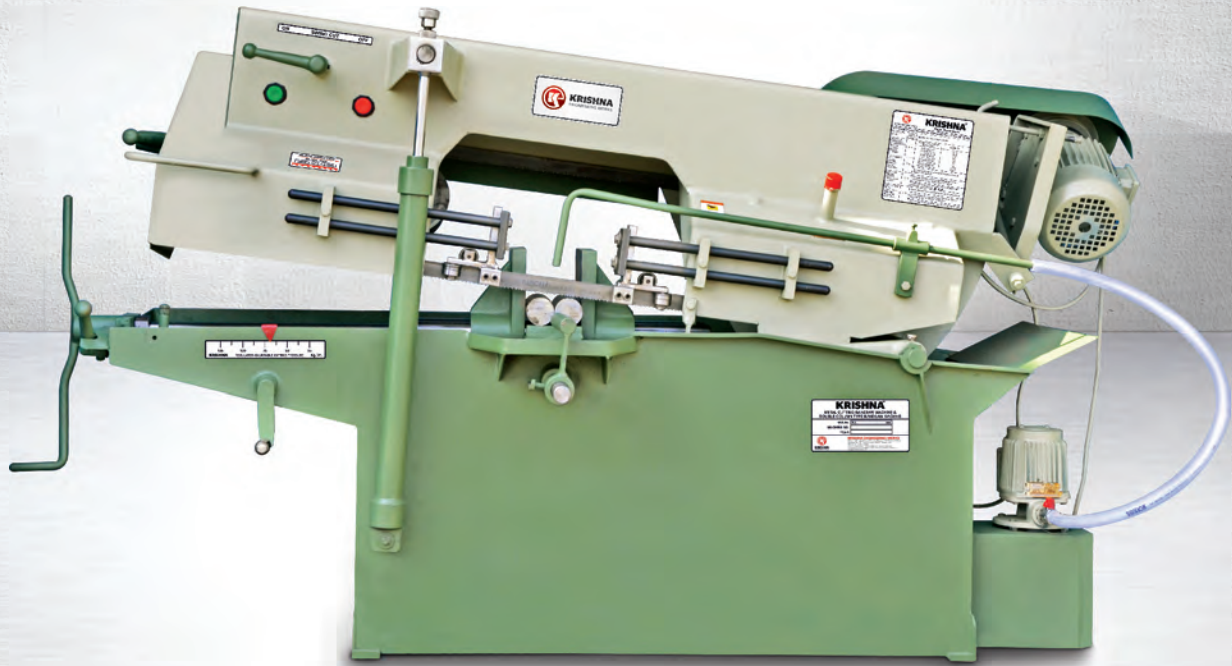


**KRISHNA**  
ENGINEERING WORKS

## MANUALLY OPERATED HINGE TYPE BANDSAW

**KE-1 HS**  
FOR THE USE OF BI-METAL  
BANDSAW BLADE

**OTHER  
COLORS  
AVAILABLE**



Adjustable cutting feed control valve



Adjustable cutting pressure regulator (Spring tension)



Chip removing wire brush assembly for longer blade life

AVAILABLE IN MODELS  
KE-1STD | KE-1CS | KE-1HS | KE-6HS



Chip collecting tray for easy cleaning



Improved blade guide mechanism (Carbide & Bearings)



# FULLY AUTOMATIC BANDSAW

## FULLY AUTOMATIC DOUBLE COLUMN BANDSAW MACHINE


**OTHER  
COLORS  
AVAILABLE**



### STANDARD FEATURES

- ♦ V-belt & Step Pulley
- ♦ One piece of Bi-metal Blade with each machine
- ♦ Power driven wire brush for continue cleaning bi-metal blade
- ♦ Shuttle type automatic feeding material system
- ♦ Automatic working height control device & fast approach
- ♦ Hydraulic vice clamping / declaiming device
- ♦ Hydraulic blade tension and blade breakage detector device
- ♦ PLC base control system

### OPTIONAL ACCESSORIES

- ♦ Automatic chip conveyor system
- ♦ Infinitely variables speed control by A.C. frequency drive
- ♦ Hydraulic bundle cutting attachment
- ♦ Job roller stand (1 meter long)
- ♦ Chip removing wire brush
- ♦ Bi-metal blade
- ♦ Lubrication system by hand operated pump / auto lubricant for all sliding area

### TECHNICAL SPECIFICATION

MODELS	KE-241 DCA	KE-311 DCA	KE-421 DCA
Capacity Round & Square	241 mm	311 mm	421 mm
Blade Dimensions in mm	3760 x 27 x 0.9	4100 x 34 x 1.07	5450 x 41 x 1.3
Blade Speed meter/min	20 / 35 / 55 / 75	20 / 35 / 55 / 75	20 / 35 / 55 / 75
Drive motor 440v AC 3 phase	3 HP 1440 RPM	4 HP 1440 RPM	5 HP 1440 RPM
Hydraulic drive 440v AC 3 phase	1 HP 1440 RPM	1 HP 1440 RPM	2 HP 1440 RPM
Coolant Pump 440v AC 3 phase	0.15 HP 440 Volts	0.15 HP 440 Volts	0.15 HP 440 Volts
Job stroke	350	350	350
Wire brush 440v AC 3phase	0.25 1440 RPM	0.25 1440 RPM	0.25 1440 RPM
Bundle cutting Capacity	210 x 150	300 x 150	420 x 150
Hyd tank ltrs	80	80	100
Coolant Tank in ltrs	60	60	80
Dim in mm LxWxH	2250 x 2125 x 1275	2425 x 2850 x 1275	2425 x 3375 x 1575
Mac Weight	1960 KG	2300 KG	2650 KG

# SEMI AUTOMATIC BANDSAW

## SEMI AUTOMATIC DOUBLE COLUMN BANDSAW MACHINE


**OTHER  
COLORS  
AVAILABLE**



### STANDARD FEATURES

- ♦ V-belt & step pulley
- ♦ One piece of Bi-metal blade with each machine
- ♦ Power driven wire brush for continue cleaning Bi-metal blade
- ♦ Automatic working height control device & fast approach
- ♦ Hydraulic vice clamping / declaiming device
- ♦ Hydraulic blade tension and blade breakage detector device
- ♦ PLC base control system

### OPTIONAL ACCESSORIES

- ♦ Automatic chip conveyor system
- ♦ Infinitely variables speed control by A.C. frequency drive
- ♦ Hydraulic bundle cutting attachment
- ♦ Job roller stand (1 meter long)
- ♦ Chip removing wire brush
- ♦ Bi-metal blade
- ♦ Lubrication system by hand operated pump / auto lubricant for all sliding area

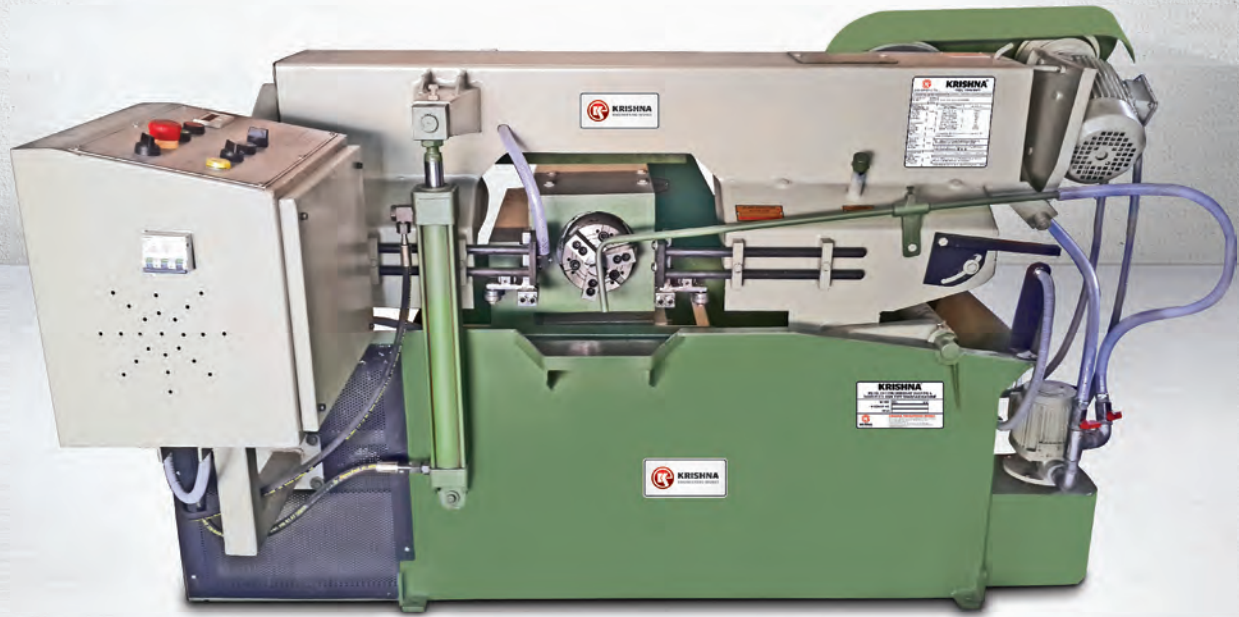
### TECHNICAL SPECIFICATION

MODELS	KE-241 DC	KE-311 DC	KE-421 DC	KE-531 DC	KE-651 DC	KE-801 DC	KE-1001 DC
Capacity Round/Square	241 mm	311 mm	421 mm	531 mm	651 mm	801 mm	1001 mm
Blade Dim in mm	3760 x 27 x 0.9	4100 x 34 x 1.07	5450 x 41 x 1.3	6900 x 54 x 1.6	8000 x 67 x 1.6	10300 x 67 x 1.6	12300 x 80 x 1.6
Blade Speed meter/min	20 / 35 / 55 / 75	20 / 35 / 55 / 75	20 / 35 / 55 / 75	20 / 35 / 55 / 75	20 / 35 / 55 / 75	20 / 35 / 55 / 75	20 / 35 / 55 / 75
Drive motor	3 HP	4 HP	5 HP	7.5 HP	10 HP	12.5 HP	12.5 HP
440v AC 3 phase	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM
Hydraulic drive	1 HP	1 HP	1 HP	2 HP	2 HP	2 HP	2 HP
440v AC 3 phase	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM
Wire brush	0.25	0.25	0.25	0.25	0.25	0.25	0.25
440v AC 3phase	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM	1440 RPM
Coolant Pump	0.15 HP	0.15 HP	0.15 HP	0.25 HP	0.25 HP	0.25 HP	0.25 HP
440v AC 3 phase	440 Volts	440 Volts	440 Volts	440 Volts	440 Volts	440 Volts	440 Volts
Hyd tank ltrs	80	80	100	100	100	120	120
Coolant tank in ltrs	60	60	80	80	100	100	100
Dim in mm	2250 x 975	2430 x 1050	2430 x 1100	3000 x 1275	3900 x 1440	4380 x 1650	4875 x 1830
LxWxH	x 1275	x 1275	x 1575	x 1950	x 2430	x 2820	x 3390
Mac Weight	1260 KG	1530 KG	1980 KG	3630 KG	5150 KG	6150 KG	12270 KG



# SPM SEMI / FULLY AUTOMATIC HINGE TYPE BANDSAW

OTHER  
COLORS  
AVAILABLE



## TECHNICAL SPECIFICATION

MODEL	KE-1 HS SPM
Capacity Ring	125 mm
Drive motor 440v AC 3 phase	1 HP 1440 RPM
Coolant Pump 440v AC 3 phase	0.15 HP 440 Volts
Hydraulic drive 440v AC 3 phase	0.5 HP
Blade Dim in mm	3000 x 27 x 0.9
Blade Speed m.min	20-35-55-75
Approx Dim in mm LxWxH	1850 x 700 x 950
Net Weight (Approx)	410 KG

## STANDARD FEATURES

- ♦ High efficiency power transmission to saw thru gear box (synthetic oil filled)
- ♦ CNC Hydro chuck for clamp and declamp the job
- ♦ Manually blade tensioning
- ♦ Infinitely variable feed control valve for setting the cutting rate. (Rexroth)
- ♦ Step pulley with V-belts & chip removing wire brush
- ♦ Automatic height adjustment for saw frame to save idle time
- ♦ Complete hydraulic & coolant system
- ♦ Door mounted hydraulic power pack for easy maintenance with a tank
- ♦ Foot switch for fast clamp and declamp

## OPTIONAL ACCESSORIES

- ♦ Chip removing wire brush
- ♦ Bi-metal bandsaw blades
- ♦ Infinitely variables speed control by A.C. frequency drive
- ♦ Automatic machine off, in case of running blade stop / breakage

- All specifications, dimensions and design characteristics shown in this browser are subject to change without prior notice.
- For optimum performance of the bandsaw machine, bandsaw blade should be selected as per the geometry and grade of the materials.

**BEWARE OF DUPLICATION BRAND PURCHASE IF YOU FOUND  
KRISHNA ENGINEERING WORKS**



**KRISHNA**  
ENGINEERING WORKS

OUR OTHER  
BRAND



## KRISHNA ENGINEERING WORKS

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