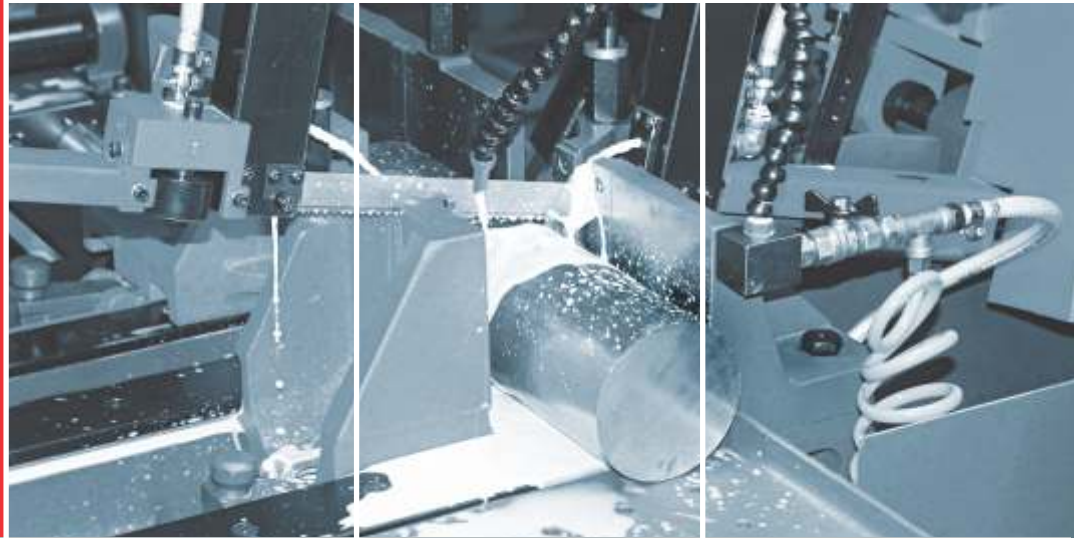




SPM TOOLS

Fully
Automatic



Horizontal Band Sawing Machine

ECOCUT-245

- Fast.. Accurate.. Rugged
- High Speed Cutting
- Improved Blade Life
- Highly Productive & Compact
- Low Operation Cost
- Precise Length Accuracy



Fully Automatic - Horizontal Band Sawing Machine

ECOCUT-245

SPM Horizontal Bandsaw Machine, Model : ECOCUT-245 is a fully automatic machine, swing type in construction. The machine is having integrated base and stock table are of heavy weld steel and is torsion and vibration free.

Cutting speed is achieved stepped pulley, so that, steel as well as non ferrous material can be cut. Blade speeds available in range 20, 40, 60, 80, 100 m/min., which enables use of Bimetal Bandsaw Blades. As such high speed cutting gives faster cutting 4 to 5 times more than that with the conventional machine. Workpiece length accuracy of ± 0.2 mm, Taper 0.1 mm for 100 mm \varnothing , can be achieved, hence minimum material wastage.

The machine is fully protected to give maximum safety and prevent accident.

The machine is provided with a centralized control panel placed within operator's reach.

The machine is fully automatic. Once the desired quantity is set on counter and machine is started, the machine stops automatically after completion of preset quantity.

The saw is precisely guided by means of a roller guide system and in addition, by solid carbide inserts.

Cutting Length Setter

Handwheel is provided to set cutting length upto 400 mm which can be easily read on a digital counter in increment of 0.1mm.

The multiple stroke counter makes it possible to multiply the number of index cycles when pieces longer than 400 mm are required.



Auto Length Indexing

The hydraulically operated rear vice mounted on a slide, moves bar stock forward as per the preset length.

The forward and backward movement of the vice is automatic.

Rear vice is moving forward & rear on round columns for better rigidity & length accuracy.



Nesting Fixture (Optional)

Nesting Fixture is provided for cutting small size bars by stacking/bundling with an additional top clamping.

This further increases productivity, ease of operation and reduction in material handling.



Chip Conveyor : (Optional)

Ø 4" open screw coil conveyor with through perforation at the charge bottom with 0.25 HP Geared Motor Drive Unit having 15° inclination for efficient conveying of scrap to the container.

PIV Drive Unit. : (Optional)

Infinitely variable band speeds :

Infinitely variable speed drive unit (PIV Unit) used for changing cutting speed of Bandsaw blade from 20-100m/min, for different types of material to be cut.

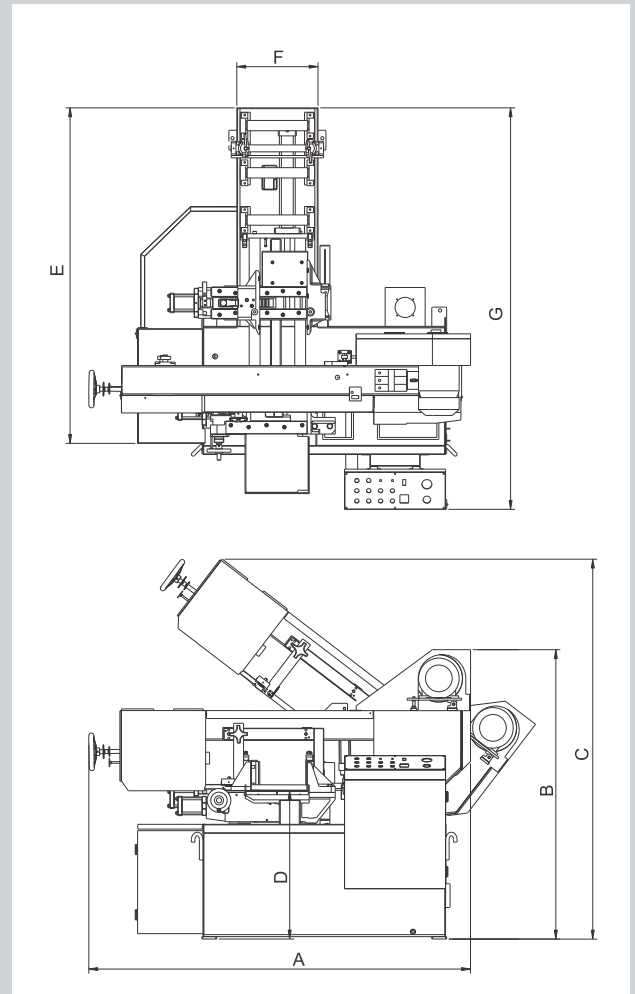
Cutting speed can be easily change during the drive motor running.

5 Speed Stepped Pulley Drive

Cutting speed can be achieved through 5 stepped pulley, so that various materials can be cut in different speeds.



Overall Dimensions of Machine



| | |
|---------|---------------------|
| A | 1930 mm |
| B | (head down) 1460 mm |
| C | (Head Up) 1920 mm |
| D | 750 mm |
| E | 1695 mm |
| F | 410 mm |
| G | 2030 mm |



The Bandsaw has a Centralized Control Panel, conveniently positioned on right side of operator.

Auto "Shut-off" counter is provided. 'Feed force control dial' is provided for adjusting down feed.

In manual mode, electrical motor of hydraulic power pack gets of after completion of cut which results in power saving.



Specifications :

| | |
|--------------------------------------|-----------------------|
| Cutting Capacity | 245 Ø 230 □ |
| Bimetal Blade Size | 3760x27x0.9 mm |
| Feeding length range | 0-400 mm |
| Drive motor | 2.2 KW |
| Band Speed (Stepped Pulley) | 20,40,60,80,100 m/min |
| Hydraulic drive | 0.75 KW |
| Floor area | 1600 X 1750 mm |
| Machine height - max. | 1920 mm |
| Machine weight net | 1075 Kg. |
| Band tension | Manual |
| Head elevation, Clamping & feed vice | Hydraulic |
| Saw feed control | Hydraulic |

Due to continuous improvement of the product, SPM reserves all rights to change the above specifications without any prior notice.

Standard Equipments :

- 1) Electrical Control equipment including motors.
- 2) Complete hydraulic system
- 3) Hydraulic adjustable feed & cutting pressure
- 4) Complete coolant system with pump & piping.
- 5) Power driven brush for Chip removal.
- 6) Blade Speed indicator chart
- 7) Pre selection of cuts via electric counter
- 8) One Bimetal Band Saw Blade 3760 x 27 x 0.9mm
- 9) Stepped Pulley
- 10) Operating tools and spanners.

Optional Accessories :

- 1) Nesting fixture with capacity of 110-150 W, 60-100 H.
- 2) Multiple indexing attachment
- 3) Variable vice pressure
- 4) Roller Stock Table for 1500 mm
- 5) Chip Conveyor
- 6) Hydraulic Band Tension
- 7) PIV Drive Unit
- 8) Floating Vice



SPM TOOLS

Corporate Office :

Sector A, Plot No. 4,5,6,7, Parvati Co-op. Ind. Estate,
YADRAV-416 145, Dist : Kolhapur, Maharashtra (INDIA)

T : +91 2322 252590

F : +91 2322 252592

E : marketing@spmttools.in
spmttools.ichal@gmail.com

U : www.spmttools.co.in



SPM TOOLS - Marketing Network - Authorised Representatives

M/s. Sree Engineers

#11, 3rd Main, 4th Cross, 4th Phase, 7th Block,
Banashankari 3rd Stage, BANGALORE -560085.
T : +91 80 26695857, F : +91 80 26797895
C : +91 9448385857, E : sreeeng@vsnl.net

M/s. RGK Engineering Enterprises (P) Ltd.

No. 218, Karthik Krupa, saraswati Nagar,
Vijay Nagar, BANGALORE -560040.
T : +91 80 23381641, 23303110
F : +91 80 23147882
C : +91 9845018313
E : narayanan_rgk@yahoo.co.in

M/s. Quality Sales & Service

68/3/1A, Bidhan Nagar Road, KOLKATTA -700 007
T : +91 33 23566199, Telefax : +91 33 23566202
C : +91 9433111218
E : quality_org@yahoo.co.in, quality_org@rediffmail.com

M/s. Precimech India (P) Ltd.

A-402, Priyadarshini Society, Plot No. 17,
Patpar Ganj, DELHI-110 092
T : +91 11 65266171, 22611292
C : +91 9810195966, E : pmikuk@gmail.com

M/s. Amey Engineers & Traders

B-23/27, Jeevan Pushpa, Behind Ambika Darshan,
Nana Shankar Seth Road,
DOMBIVLI (W)-421 202, Dist. : Thane
T : +91 251 2480490, F : +91 251 2490918
C : +91 9324803266
E : aet@vsnl.com, ameyengineers@hotmail.com

Pune Region Contact : +91 9881236403