



SPM TOOLS

Horizontal Band Sawing Machine

HBM-250

Rugged & Heavy Duty

Better Cutting Performance

Highly Productive

Higher Cutting Rate



Fully Automatic



Horizontal Band Sawing Machine Model : HBM-250

The machine with a capacity to cut up to 250 mm diameter is distinguished by its robust and compact construction and its capability to cut a wide range of materials with maximum productivity. It is designed for use of Bi-metal bandsaws.

- It is suitable for cutting bars in bundles, tubes and different profiles.
- Wide and stepless range of cutting speeds.
- Length of cut can be set on Mechanical counter digit display within 0.1 mm and up to a maximum of 400 mm in single stroke.
- Number of pieces to be cut can be programmed and machine will stop after programmed number of pieces are cut.
- For longer cutting lengths multi-indexing up to 9 x 400 mm i.e. 3600 mm is feasible.

Standard Features :

- Infinitely variable speed drive for band.
- Precise hydraulic down feed system.
- Shuttle type auto hydraulic feed.
- Hydraulic dual vice clamping system. | Floating vice.
- Programming No. of pieces with auto-shut-off.
- Spring loaded carbide blade guides.
- Out of stock shut-off.
- Power driven blade cleaning brush.
- Ideal wheel motion detector with blade stalling and breakage shut-off.
- Multiple indexing for longer length cutting.
- Split front vice.
- Rapid approach & auto work height control.
- Coolant System.
- Gear box with worm & worm wheel.
- One Bi-metal band saw blade.
- Operating tool kit, spanner & Manual. | Machine lamp.

Optional Accessories :

- Nesting fixture for bundle clamping for max. width 100-150 mm and height 50-100 mm.
- Roller stock table for 1.5 meter long.
- Chip Conveyor. • Variable vice pressure.
- Hydraulic band tensioning.
- Variable frequency drive.

Specification :

| | | |
|----------------------|-----------------|----------------------------|
| Cutting Capacity | | Ø 250 mm □ 300 x 175 mm |
| Blade Size | | 3505 x 34 x 1.1 mm |
| Blade Speed | | 25-100 m/min (Stepless) |
| Blade Tension | | Spring loaded (Manual) |
| Shuttle Feed | Single stroke | 400 mm |
| | Multiple stroke | 9 x 400 mm |
| Work table height | | 700 mm |
| Motors | Blade drive | 2.2/3.0 kW/HP |
| | Hydraulic | 0.75/1.0 kW/HP |
| | Coolant | 0.1/0.125 kW/HP |
| Machine weight | | 1250 Kg |
| Floor area L x B x H | | 1975 x 1880 x 1740 mm |

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

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