

BUSBAR BENDING, CUTTING & PUNCHING MACHINE

Add
ENERGY
to drive your
MISSION



The Bus bar bending, cutting & punching unit **EM BU 40** machine is technologically advanced, compact & versatile machine. The machine is designed to cater the requirement of bus bar preparation & almost all operations are included in one machine. This is a highly productive machine suiting to growing demand of Industries.

The machine is equipped with three different & independent stations for **BUS BAR CUTTING, BENDING & PUNCHING**. All these stations **work parallel** to contribute **HIGH PRODUCTIVITY** of machine. International quality hydraulic & electrical components ensure maintenance free long life.

Model EM BU 40

Model	EM BU 40		
	Bending Station	Shearing Station	Punching Station
Copper	12mm X 200mm	12mm X 200mm	Ø14mm X 12mm Thk
Aluminium	14mm X 200mm	14mm X 200mm	Ø16mm X 14mm Thk
Steel Plates	10mm X 200mm	10mm X 200mm	Ø14mm X 10mm Thk
Motor Power	5 HP (3.7 KW)		
Power Supply	415 V, 3Ø, 50 Hz		
Oil Tank Capacity	75 Liters		
Overall Dimensions	1800mm X 1300mm X 1300mm		
Weight	1200 kg		
Speed	5mm/sec	6 strokes/min	13 strokes/min

**Widest Range of Machines
installed with
proven performance**

EM ENERGY MISSION
ENGINEERS

**AN ISO 9001:2008
CERTIFIED COMPANY**

BENDING STATION:



The bending unit is designed with user friendly operation with better control by providing SET & OPERATION mode. The **SET mode** is useful for adjustment & **OPERATION mode** is meant for regular production jobs. The station can also operate **INCH cycle** & **AUTO cycle** for faster productive cycle. The special micro switch is provided to have **better repeatable bending angle**. Gauge stoppers are available as an optional feature.

PUNCHING STATION :

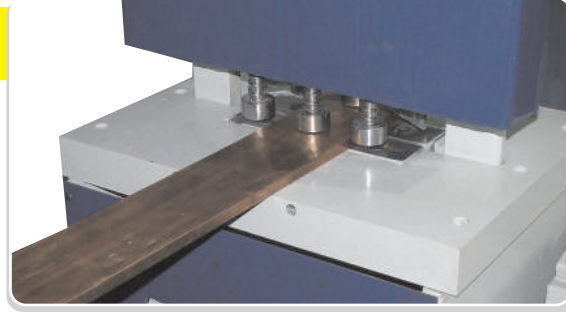


The Punching station is suitable for various sizes of hole punching like **round, square & oval shapes**. The tools are easy to replace. The punching unit is designed with user friendly operation with better control by providing SET & OPERATION mode. The **SET mode** is useful for adjustment & **OPERATION mode** is meant for regular production jobs. The station can also operate **INCH cycle** & **AUTO cycle** for faster productive cycle. Gauge stoppers are available as an optional feature.

STANDARD ACCESSORIES

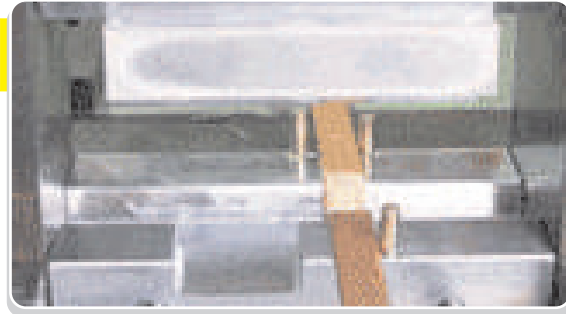
- › Parallel working of all three stations.
- › Unhardened & ungrounded suitable bending tool
- › Hardened & grounded HCHCr Blade on Shearing station
- › One suitable die & punch on Punching Station.
- › Compact Hydraulic power pack with built in control panel
- › Separate foot switch for each station

CUTTING STATION :



The bus bar cutting unit is suitable to cut the copper & Aluminum. Double shearing of bus bar ensures **distortion free cutting finish** on edge. The robust holding arrangement is provided on machine. Manual **blade gap adjustment** is also provided for different thickness to ensure better quality of cut. The hardened & grounded **HCHCr Blade** is suitable for various material grades. Gauge stoppers are available as an optional feature.

BUS BAR PROCESSING :



We can process the bus bars by using special tools in single stroke. We can improve the productivity & quality. Special tools are available as an option.

OPTIONAL ACCESSORIES

- › Gauge stoppers on Shearing, Bending & Punching stations
- › Special tools for punching station
- › Special tools for bending station
- › High Speed Version
- › First Fill of oil

PRODUCT RANGE

CNC Syncro Hyd. Press Brake, Hyd. Rear Cylinder Press Brake, Hyd. Front Cylinder Press Brake, Hyd. Shearing Machine, Plate Bending Machine, Iron Worker, Section Bending Machines, Bus Bar Unit, C-Frame Press, Hyd. Deep Drawing Press

Technical Specification and range subject to change without prior notice



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