MSS Engineering is a unique name, which is engaged in presenting a wide range of Bar Cutting Machine. This brings duty Bar Cutting Machine with strong construction and high quality components. MSS Engineering Rebar Cutting Machine is manufactured under the guidance of our skilled professionals using high grade components. Rebar Cutting Machine Mainly used for construction site for flawless smooth functionality and easy operations.

Our Products (Models: MBC 40, MBC 50) can be used efficiently to cut plain carbon steel, hot rolled steel, screw bar, flat rebar, square and angle bar which are widely used in Construction Site. We back it up with local after sales service in INDIA and readily available spares parts. Mechanical or Hydraulic shear boost of heavy duty frame providing rigidity while shearing large diameter bar. The Shearing blades are made of high tensile cutting steel with heat treatment to ensure long blade life. It's small in size, Light in weight, reliable and compact structures. These machines are portable with provisions of wheels. We back it up with local after sales service in INDIA and readily available spares parts all over world.

ADVANTAGES:

1. Cutter (Model: MBC 40 & MBC 50) adopts Gears, Shafts, Connection rod and Blades made of high-quality alloyed steel with required heat treatment (quenching/tempering / high frequency) and 15mm thick external case to ensure reliable performances also under heavy loads and long working life.

2. Connection rod has high hardness degree on attaching part with the blade; its internal side is made of tin-bronze to avoid abrasions while touching the crankshaft.

3. Thick Blades (4 edges) to ensure accurate cutting with all kinds of steel bar (square blade or moon-shape blade option with press-spring).

4. CE Certificated dust proof MOTOR with aluminium shell.

5. Clutch System is provided for your safety.

6. Blade can be easily replaced.

7. Cutting Blade is covered with the protective metal sheet to provide better safety norms.

8. Cost effective, Reliable, Durable and easy to operate.

9. Compact machine body with Reliable quality.


11. Reduce Labour cost and Low maintenance.

12. Special tool steel cutting blades are carefully heat treated for a longer cutting Life.

13. Clutch System is provided for safety Purpose.

MSS ENGINEERING & INDUSTRIAL EQUIPMENT PVT. LTD.
#156, Andhra Insurance Building Thambu Chetty Street, Chennai – 600001., INDIA
044 25340357, 25354294, 25330938, 9940615605, 9940614608
## Description

The MBC 42 and MBC 50 Bar Cutting Machines are designed for efficient and fast cutting of TMT Rebar. They are equipped with Copper Winding Motors and have Motor Safety ratings of IP44, IP54, IP 55. The Motor Power for both models is 4 KW / 5 HP for the MBC 42 and 4.5 KW / 6 HP for the MBC 50. The Motor Rotation Speed is 2860 R/min for both models. The Weight of the MBC 42 is 430 Kg. and the MBC 50 is 535 Kg. The Dimension for the MBC 42 is 1300*450*680 mm and for the MBC 50 is 1430*470*750 mm. Both models have a Production Capacity of 2.5 Ton P/h.

### Product Parameters

#### Security
- Thickening Protective Cover

#### Convenience
- Humanized feeding wheel

#### Safety
- Auto cut off circuit with 3 phase light indicators

#### Copper Key Gear
The whole machine gear and the tooth case are all cast by steel key, the large modulus gear rotates more strength, and the service life is longer.

#### ARC Cut-Off
Specific up and down knife way, ARC cut off the steel, efficient and fast, steel head can be directly set silk.

### Table: Product Parameters

<table>
<thead>
<tr>
<th>Description</th>
<th>MBC 42</th>
<th>MBC 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutting Capacity</td>
<td>≤ Ø 6-32 mm TMT Rebar</td>
<td>≤ Ø 6-42 mm TMT Rebar</td>
</tr>
<tr>
<td>Type of Motor</td>
<td>Copper Winding Motor</td>
<td>Copper Winding Motor</td>
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<tr>
<td>Motor Safety</td>
<td>IP44, IP54, IP 55</td>
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<td>Motor Power</td>
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<td>Motor Rotation Speed</td>
<td>2860 R/min</td>
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<tr>
<td>Weight</td>
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<td>535 Kg.</td>
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<tr>
<td>Dimension</td>
<td>1300<em>450</em>680 mm</td>
<td>1430<em>470</em>750 mm</td>
</tr>
<tr>
<td>Production Capacity</td>
<td>2.5 Ton P/h</td>
<td>2.5 Ton P/h</td>
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</table>