

# BAR BENDING MACHINE



UNICORN EQUIPMENT

Build Your Way BETTER

## UNI 50B



## UNI 40B



## Products Description

Automatic bar bending machines (UNI 40B & UNI 50B) offered by us are designed to bend the bar up-to 6m.m. to 42 mm. These bar bending machine (UNI 40B & UNI 50B) are served in the capacity of 4.5kw/6HP Power. These machines are high on demand for Construction Job Site applications. The range of bar bending machines we offer renders smooth functioning for longer time period. In addition, the high performance of our reinforced bar bending machine with working rotation speed. UNI 40B & UNI 50B is powered by 100% copper winding 4.5kw/6HP TEFC Induction electric motor running on 4P, 415v. Our fully automatic Bar Bending Machine is operated through manual button as well as automatic button and delivers stable performance with optimum safety.

### Advantage:

1. The latest heavy-duty gear box assembly, spindle is a maintenance free.
2. Column and spool adopt high quality alloy steel, high temperature quenching treatment, higher hardness, more wear-resisting.
3. Increase heavy of disc and square steel, never deformation, bend bar more accurately.
4. Enclosed electric cabinet, moisture proof, prevent dust, prevent leakage.
5. Thickening the dashboard, increase the integrity of the machine and longer service life.
6. Double-sided operation, so that people can operate in tow realizations conveniently and quickly.
7. Rotary oil-way of work station makes add oil more conveniently.
8. Advanced Electrical control panel with brake motor increases performance and durability.
9. Different Bending Bushes designed for various bending radius.
10. Ensures high durability at its user ends, effectively increases the production capacity.
11. Various sizes of bushes for bending diameter of bars.
12. Cost effective bending machines, used for bending reinforcement bars and different kind of round bars..

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## Model Type

- \* UNI 40B & UNI 50B (Automatic)
- \* POWER: 4 Kw/ 5 HP & 4.5 KW / 6 HP
- \* SAFETY: IP44, IP54, IP55 (dust proof)
- \* EFFICIENCY: 81 %
- \* VOLTAGE OPTIONS: any voltage from 220 to 440 / 220-380 (switchable)
- \* FREQUENCY OPTIONS: 50Hz / 60Hz

## Special Features

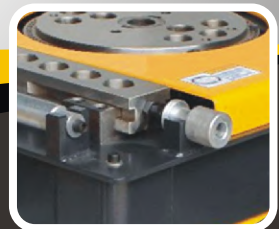
Save Labor: The Performance switch is automatically returned



Beauty: Gum Material Electrical door



Safety: Protective Covers is thick.



High Sensitivity & Long Running: Break Motor, Bending bar without inertia bending angle accurate, Can quickly automatically return. Fully enclosed housing, gears and bearings can operate for long periods under full lubrication and dust free conditions

Durable: The disc, the pile and the pile cap are all made of high quality alloy steel, which is treated by high hardness heat treatment.

Easy to Adjust: Patent Structure, adjustable square steel, Plug- type positioning disc, easy to adjustable angle.

## Products Parameters

Description	Metric	
	UNI 40B	UNI 50B
Model	UNI 40B	UNI 50B
Operation	Automatic	Automatic
Bar Bending Dia.	upto 32 mm TMT Rebar & 35 mm Plain Bar	42 mm TMT Rebar & 45 mm Plain Bar
Type of Motor	Copper Winding (Brake motor)	Copper Winding (Brake motor)
Motor Power	4 KW / 5 HP	4.5 KW / 6 HP
Motor Rotation Speed	1440 R/min	1440 R/min
Speed of Working Disk	8-11 R/min	12 R/min.
Noise Value (1m away)	≤80dB(A)	≤80dB(A)
Weight	440 Kg.	490 Kg.
Dimension	850*800*880 mm	740*940*730 mm
Production Capacity	2Ton P/h	2Ton P/h