

# DIAMOND

## PORTABLE REBAR BENDERS

Portable table-type and hand-held benders for on-site work

DBD series benders are fast, accurate and easy to use: just set the bending angle and press the button.

### Rebar Bender Model DBD-16L



■ Extension working table(standard accessory)

■ This small unit may be carried in one hand but has all the attributes of its bigger brethren and can make a 180 degrees bend of a 16mm rebar in just 1.5 seconds.

### Rebar Bender Model DBD19L



■ Roller kit (standard accessory).

■ For rebars of up to 20mm, the DBD-19L is similarly treasured. May we also suggest optional foot pedal and stand..

## SPECIFICATIONS

Model	Max.rebar diameter	Bending speed	Max.tensile strength	Bending angle(degrees)	Power supply	Voltage	Power Input	Weight	Dimensions(mm)
DBD-16L	16mm (5/8")	180 degrees/1.5sec	490N/mm <sup>2</sup>	Up to 180	Electric motor	100V/115V/230V	1050W	20 kg	320x350x245
DBD-19L	20mm (3/4")	180 degrees/5 sec	490N/mm <sup>2</sup>	Up to 180	Electric motor	100V/115V/230V	1050W	40.8 kg	320x425x415

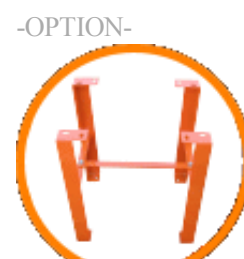
### Rebar Bender Model DBD-25L



■ Foot pedal

■ Both the DBD-25X and the smaller, lighter DBD-25L are prized field models because of their proven durability and ability to bend 25mm rebars. This strong electrical-mechanical bender has two presets angle locks for repeating the same angle bends. Optional foot pedal and stand are available for all DBD series.

### Rebar Bender Model DBD-25X



■ Stand

## SPECIFICATIONS

Model	Max.rebar diameter	Bending speed	Max.tensile strength	Bending angle(degrees)	Power supply	Voltage	Power Input	Weight	Dimensions(mm)
DBD-		180			Electric				

25L	25mm (1")	degrees/7 sec	490N/mm <sup>2</sup>	Up to 180	motor	100V/115V/230V	1700W	61 kg	462x320x415
DBD-25X	25mm (1")	180 degrees/6 sec	560N/mm <sup>2</sup>	Up to 180	Electric motor	100V/115V/230V	1330W	86 kg	490x550x440

Rebar Bender Model DBD-25H



■ Fast and accurate bending.

Rebar Bender Model DBD-32X



■ Features counter and ammeter.

■ Our latest table-type bender is a heavy-duty model for rebars of up to 25mm 620N/mm<sup>2</sup> tensile strength. It comes fully equipped with a set of nine bending rollers in a steel carrying case.

■ The largest single-phase bender. The lever-type angle selector can be set to accurately bend any angle from 0 - 180 degrees. (DBD-32X, 25H and 25X)

SPECIFICATIONS

Model	Max.rebar diameter	Bending speed	Max tensile strength	Bending angle(degrees)	Power supply	Voltage	Power Input	Weight	Dimensions(mm)
DBD-25H	25mm (1")	180 degrees/9 sec	620N/mm <sup>2</sup>	Up to 180	Electric motor	100V/115V/230V	1330W	96.5 kg	540x580x440
DBD-32X	25mm (1")	180 degrees/8 sec	560N/mm <sup>2</sup>	Up to 180	Electric motor	100V/115V/230V	1500W	180 kg	590x620x480

HandyBender Model HB-16W



■ Bending rebar up to 16mm 490N/mm<sup>2</sup>(T.S) from 0-135 degrees in-place at the job site.



■ The optional 90 degree bending die and collar make it simple to repeat 90 degree bends without a guide.

■ The electro-hydraulic hand-held bender for use where table-type machines cannot go. An optional bending die and shoe cover (collar) are available for larger radius bends.

**SPECIFICATIONS**

Model	Max.rebar diameter	Bending speed	Max tensile strength	Bending angle(degrees)	Power supply	Voltage	Power Input	Weight	Dimensions(mm)
HB-16W	16mm (5/8")	135 degrees/8 sec	490N/mm <sup>2</sup>	Up to 135	Electric motor	100V/115V/230V	1050W	15 kg	585x195x205

**Rebar Straightener Model DBR-32WH**

**DBR-32WH**



Pull

Push

Push

- A dual-purpose tool that cleanly straightens bent rebars and functions as a simple bender. Accepts any 490N/mm<sup>2</sup> tensile strength rebar up to 32mm.

Rebar diameter	Straightening capacity(degrees)		Bending capacity(degrees)	
	Push	Pull	Push	Pull
13mm(1/2")	up to 125	up to 121	up to 94	up to 92
16mm(5/8")	128	124	90	90
20mm(3/4")	130	126	90	90
25mm(12)	132	124	90	90
29mm(1 1/8")	140	135	90	90
32mm(1 1/4")	144	138	90	90

-Option-

- Large radius bending hook



**SPECIFICATIONS**

Model	Max.rebar diameter	Bending speed	Max tensile strength	Bending angle(degrees)	Power supply	Voltage	Power Input	Weight	Dimensions(mm)
DBR-32WH	32mm (1 1/4")	90 degrees/4 sec	490N/mm <sup>2</sup>	Up to 144	Electric motor	100V/115V/230V	1050W	26 kg	660x270x200

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