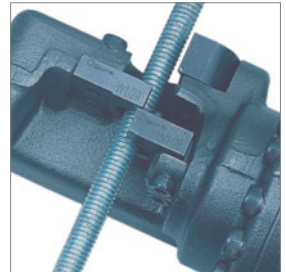


## Hydraulic Bar Cutters & Bar Benders

www.metal-cutters.co.uk



Bar Cutters  
Bar Benders

**VIMPEX**

Advancing Cutting Technology

# Why Ogura Bar Benders & Cutters?

The Ogura range of Hydraulic Bar Cutters and Benders are extremely reliable, powerful and easy to use. Both battery-powered and mains-powered tools are available.

Able to cut up to 32 mm and bend up to 38 mm rebar, the Ogura range is powerful, safe to use and proven to be robust.

Vimpex are European distributors for the Ogura range of tools and hold stock of the entire range.

Vimpex are committed to supporting customers and dealers with a high level of after sales service.

Our spares, repairs and servicing operation is all managed from our purpose-built workshop. Whether you are an existing customer, or new dealer, you can rely on our prompt service and quick supply – wherever you are.



## Li-Ion Battery Technology

A number of the battery-powered Ogura tools use the amazing Makita 18 V Li-Ion battery.

Recent tests by Ogura prove that the new Li-Ion units suffer a discharge rate of only 9% after 500 days in storage! Ogura are the only manufacturer of portable hydraulic tools with access to Makita batteries. Tests prove that the batteries used on Ogura tools have at least twice the life of other power tool batteries.

Intelligent charging means that each individual battery has its own charge profile dependent on use. This extends battery life, increases durability and means 30% more cuts per charge. Recharge time is only 22 minutes.



## Leasing Finance

We can offer leasing as a purchase option on the majority of the products we supply. Thanks to our collaboration with specialist providers we are able to offer very low rates.

Please contact us for an immediate quotation.



Also available from Vimpex is the excellent range of Ogura Hydraulic Hole Punchers. Able to cut up to 19 mm holes in 9 mm steel, these tools are powerful, safe and can save the user significant amounts of time.



Deep Throat Hydraulic Hole Puncher



Handheld Hole Punchers



High Power Double Acting Hydraulic Hole Puncher

# Bar Cutter Overview



## HBC-313

### Lightweight 13 mm Bar Cutter

Super quick lightweight bar cutter for rebar up to 13 mm.

Page 4



## HBC-316

### Lightweight 16 mm Bar Cutter

Super quick lightweight bar cutter for up to 16 mm rebar.

Page 4



## HBC-16R

### 16 mm Bar Cutter with Rotating Head

16 mm bar cutter featuring a rotating head for ease of use.

Page 4



## HBC-613

### High Tensile, High Speed 13 mm Bar Cutter

High tensile rebar cutter for 13 mm high tensile bar.

Page 5



## HBC-816

### High Tensile, High Speed 16 mm Bar Cutter

High tensile rebar cutter for 16 mm high tensile bar.

Page 5



## HBC-520

### High Tensile, High Speed 20 mm Bar Cutter

High tensile rebar cutter for 20 mm high tensile bar.

Page 5



## HBC-225

### High Tensile, High Speed 25 mm Bar Cutter

High tensile rebar cutter for 25 mm high tensile bar.

Page 5



## HBC-232

### High Tensile, High Speed 32 mm Bar Cutter

This very powerful cutter can slice up to 32 mm high tensile rebar.

Page 5



## HCC-613

### Battery Powered 13 mm Bar Cutter

Truly portable and powerful rebar cutters, battery powered and easy to use thanks to the rotating handle.

Page 6



## HCC-16HPW

### Battery Powered 16 mm Bar Cutter

Truly portable and powerful rebar cutters, battery powered and easy to use thanks to the rotating handle.

Page 6



## HCC-19HPW

### Battery Powered 20 mm Bar Cutter

Truly portable and powerful rebar cutters, battery powered and easy to use thanks to the rotating handle.

Page 6

# Bar Cutters



**HBC-313**  
Super quick lightweight bar cutter  
for up to 13 mm rebar



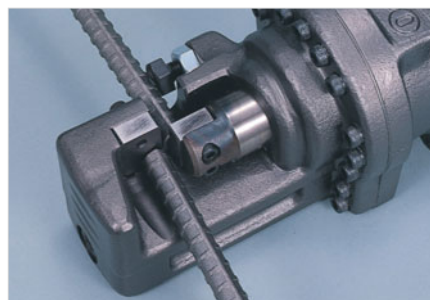
**HBC-316**  
Super quick lightweight bar cutter  
for up to 16 mm rebar



**HBC-16R**  
16 mm bar cutter featuring a  
rotating head for ease of use

## Specification

	<b>HBC-313</b> Lightweight 13 mm Bar Cutter	<b>HBC-316</b> Lightweight 16 mm Bar Cutter	<b>HBC-16R</b> 16 mm Bar Cutter with Rotating Head
Motor Type	580 W	580 W	580 W
Cutting Speed	1.5 sec.	2.0 sec.	2.0 sec.
Cutting Capacity (Rebar)	440 N/mm <sup>2</sup> , D13	440 N/mm <sup>2</sup> , D16	440 N/mm <sup>2</sup> , D16
Weight	5.3 kg	5.8 kg	5.9 kg
Dimensions L x W x H	362 x 205 x 106.5 mm	378 x 205 x 108 mm	410 x 205 x 180 mm
Standard Equipment	Carry case Hex wrenches 3, 4 and 5 mm 14 and 17 mm spanner Hydraulic oil	Carry case Hex wrenches 3, 4 and 5 mm 14 and 17 mm spanner Hydraulic oil	Carry case Hex wrenches 3, 4 and 5 mm 14 and 17 mm spanner Hydraulic oil





# High Tensile Bar Cutters



## HBC-613 High Tensile, High Speed 13 mm Bar Cutter

Motor Type:	710 W	Dimensions LxWxH:	298 x 240 x 99 mm
Cutting Speed:	1.2 sec.	Standard	Carry case
Cutting Capacity (Rebar):	490 N/mm <sup>2</sup> , D13	Equipment:	Hex wrenches: 3, 4 & 5 mm 14 & 17 mm spanner Hydraulic oil
	620 N/mm <sup>2</sup> , D13		
Weight:	7.3 kg		



## HBC-816 High Tensile, High Speed 16 mm Bar Cutter

Motor Type:	1050 W	Dimensions LxWxH:	492 x 165 x 120 mm
Cutting Speed:	1.5 sec.	Standard	Carry case
Cutting Capacity (Rebar):	490 N/mm <sup>2</sup> , D16	Equipment:	Hex wrenches: 3, 4 & 5 mm 14 & 17 mm spanner Hydraulic oil
	620 N/mm <sup>2</sup> , D16		
Weight:	8.7 kg		



## HBC-520 High Tensile, High Speed 20 mm Bar Cutter

Motor Type:	1330 W	Dimensions LxWxH:	396 x 112 x 220 mm
Cutting Speed:	2.5 sec.	Standard	Carry case
Cutting Capacity (Rebar):	490 N/mm <sup>2</sup> , D20	Equipment:	Hex wrenches: 3, 4 & 5 mm 17 & 19 mm spanner Hydraulic oil
	620 N/mm <sup>2</sup> , D20		
Weight:	12.8 kg		



## HBC-225 High Tensile, High Speed 25 mm Bar Cutter

Motor Type:	1430 W	Dimensions LxWxH:	480 x 138 x 270 mm
Cutting Speed:	3.5 sec.	Standard	Wooden box
Cutting Capacity (Rebar):	490 N/mm <sup>2</sup> , D25	Equipment:	Hex wrenches: 4, 5, 6 & 8 mm 14, 17 & 24 mm spanner Hydraulic oil
	620 N/mm <sup>2</sup> , D25		
Weight:	22.0 kg		



## HBC-232 High Tensile, High Speed 32mm Bar Cutter

Motor Type:	1430W	Dimensions LxWxH:	543 x 167.5 x 289mm
Cutting Speed:	7 sec.	Standard	Wooden box
Cutting Capacity (Rebar):	490N/mm <sup>2</sup> , D32	Equipment:	Hex wrenches: 4, 5, 6, 8 & 10mm 14 & 30mm spanner Hydraulic oil
	620N/mm <sup>2</sup> , D32		
Weight:	37.6kg		

# Battery-Powered Bar Cutters

Truly portable and powerful rebar cutters, battery powered and easy to use thanks to the rotating handle



**HCC-613**



**HCC-16HPW**



**HCC-19HPW**



## Specification

	<b>HCC-613</b> Battery Powered 13 mm Bar Cutter	<b>HCC-16HPW</b> Battery Powered 16 mm Bar Cutter	<b>HCC-19HPW</b> Battery Powered 20 mm Bar Cutter
Motor Type	12 V dc	18 V dc	18 V dc
Battery	12 V 3.0 Ah	18 V 3.0 Ah	18 V 3.0 Ah
No. of Cuts	130 cuts	D10 - 140 cuts D13 - 115 cuts D16 - 70 cuts	D10 - 120 cuts D13 - 100 cuts D16 - 80 cuts D20 - 50 cuts
Cutting Speed	4.5 sec.	4.0 sec.	6.0 sec.
Cutting Capacity (Rebar)	440 N/mm <sup>2</sup> , D13	490 N/mm <sup>2</sup> , D16	490 N/mm <sup>2</sup> , D20
Weight	4.3 kg	6.8 kg	10.5 kg
Dimensions L x W x H	298 x 240 x 99 mm	394 x 263 x 108 mm	430 x 281 x 126 mm
Standard Equipment	Battery Charger 14 mm and 17 mm spanner Carry case Hydraulic oil	Battery Charger 14 mm and 17 mm spanner Carry case Hydraulic oil	Battery Charger 17 mm and 19 mm spanner Carry case Hydraulic oil

# Bar Bender Overview



**HBB-525**  
High Tensile 25 mm  
Bar Bender  
Portable mains powered  
25 mm bar bender.

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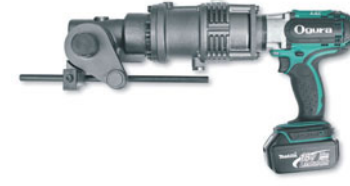
**HBB-32HPW**  
High Tensile 32 mm  
Bar Bender  
Portable mains powered  
32 mm bar bender.

Page 8



**HBB-19180**  
High Tensile 19 mm  
180° Bar Bender  
Mains powered 19 mm  
180° bar bender.

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**HBB-90DFN**  
High Tensile 16 mm  
Bar Bender  
Battery powered 16 mm  
bar bender.

Page 9



**MBB-225**  
High Tensile 25 mm  
180° Bar Bender  
Mechanical mains powered  
25 mm 180° bar bender.

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**HBB-532**  
High Tensile 32 mm  
Bar Bender  
Portable hydraulic powered  
32 mm bar bender.

Page 11



**HBB-538**  
High Tensile 38 mm  
Bar Bender  
Portable hydraulic powered  
38 mm bar bender.

Page 11



**HPP-570**  
Hydraulic Pump  
Mains powered hydraulic  
pump for HBB-532 and  
HBB-538.

Page 11



**HBB-35180**  
High Tensile 35 mm  
180° Bar Bender  
Hydraulic powered 35 mm  
180° bar bender.

Page 12



**HPP-570S**  
Hydraulic Pump  
Mains powered hydraulic  
pump for HBB-35180.

Page 12

# Portable Mains Powered Bar Benders

## HBB-525



Specification	HBB-525 High Tensile 25mm Bar Bender
Motor	1330 W
Bending Capability	Intermediate Grade 490 N/mm <sup>2</sup> - 25 mm Hard Grade 570 N/mm <sup>2</sup> - 22 mm High Grade 620 N/mm <sup>2</sup> - 22 mm
Bending Angle	0 - 90°
Bending Speed: 90°	25 mm, 8 sec. 13 mm, 5 sec.
Weight	14 kg (excluding case)
Dimensions LxWxH	486 x 194 x 226 mm
Standard Accessories	Hydraulic Oil Hex wrenches 4, 5, 6 mm Bending Roller 46 mm, 52 mm Roller Washer

## HBB-32HPW



Specification	HBB-32HPW High Tensile 32mm Bar Bender
Motor	1330 W
Bending Capability	620 N/mm <sup>2</sup>
Bending Angle	0 - 90°
Bending Speed: 90°	32 mm, 15 sec. 13 mm, 11 sec.
Weight	25.5 kg (excluding case)
Dimensions LxWxH	670 x 302 x 219 mm
Standard Accessories	Spanner 17, 19 & 24 mm Hydraulic oil Hex wrenches 3, 4, 5, 6 mm Bending roller 82 mm

## Bending & Straightening Angles

### Bending from Straight

	Bending Angle			
	With Roller		Without Roller	
	HBB-525	HBB-32HPW	HBB-525	HBB-32HPW
Ø 13	85°	82°	-	-
Ø 16	80°	78°	-	-
Ø 19	75°	69°	-	-
Ø 22	-	65°	90°	-
Ø 25	-	65°	85°	90°
Ø 29	-	-	-	85°
Ø 32	-	-	-	80°

### Modification / Straightening

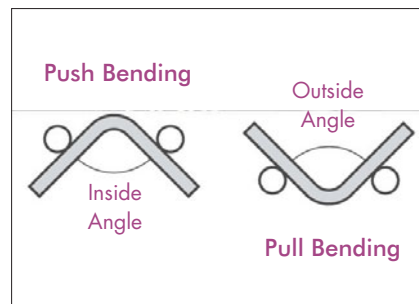
	Inside angle of Existing Bar Standard Hook*	
	HBB-525	HBB-32HPW
	Ø 13	153°
Ø 16	158°	130°
Ø 19	163°	135°
Ø 22	168°	136°
Ø 25	172°	137°
Ø 29	-	145°
Ø 32	-	147°

\* Optional bending hook 'C' is available for 90° inside angles

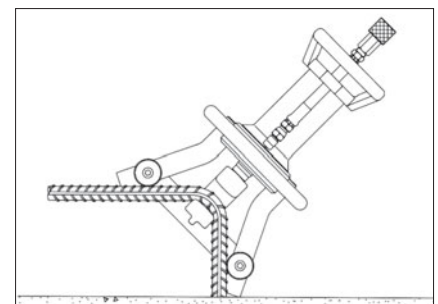
### Push and Pull Bending



### Bending Angles



### Pull Bending





# Mains Powered 180° Bar Bender

## HBB-19180



Work Stand

### Specification

### HBB-19180

#### High Tensile 19mm Bar Bender

Motor	1050 W
Bending Capability	620 N/mm <sup>2</sup>
Bending Angle	0 - 180°
Bending Speed: 180°	19 mm, 15 sec.
Weight	13 kg
Dimensions LxWxH	730 x 165 x 195 mm
Standard Accessories	Hydraulic oil Spanner 17 / 19 mm Hex wrenches 2.5, 3, 4, 5, 6, 8 mm Bending roller(32 & 52 mm) Collar (52 & 60 mm)

### Bending & Straightening Angles

	Collar	Roller	90° bending	135° bending	180° bending
D10	Shaft Ø 45	(Ø 52)	132 mm	154 mm	175 mm
	Ø 52	(Ø 52)	134 mm	158 mm	183 mm
	Ø 60	(Ø 52)	136 mm	164 mm	191 mm
D13	Ø 52	(Ø 52)	133 mm	159 mm	184 mm
	Ø 60	(Ø 52)	135 mm	164 mm	192 mm
D16	Ø 52	(Ø 52)	132 mm	159 mm	186 mm
	Ø 60	(Ø 52)	134 mm	164 mm	193 mm
D19	Ø 60	(Ø 52)	144 mm	175 mm	206 mm

# Battery Powered Bar Bender

## HBB-90DFN



### Specification

### HBB-90DFN

#### High Tensile 16 mm Bar Bender

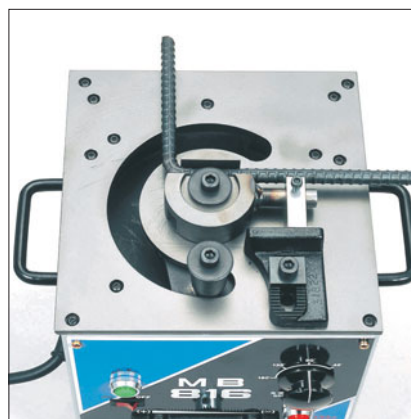
Motor	18 V dc 3.0 Ah Li-Ion
Bending Capability	490 N/mm <sup>2</sup>
Bending Angle	0 - 90°
Bending Speed: 90°	8.5 sec.
Weight	10.4 kg
Dimensions LxWxH	457 x 277 x 126 mm
Standard Accessories	Battery BL 1830 18 V 3.0 Ah Li-Ion Battery charger 230 V ac Hex wrench 5 mm Double-end spanner (14 / 17 mm) Hydraulic oil

# Mechanical Mains Powered 25mm 180° Bar Bender

MB-225



Optional Foot Pedal and Stand



Top View

Specification	MB-225
	<b>High Tensile 25 mm Bar Bender</b>
Motor	1430 W
Bending Capability	620 N/mm <sup>2</sup>
Bending Angle	0 - 180°
Bending Speed: 180°	9 sec.
Weight	94.9 kg
Dimensions LxWxH	540 x 466 x 441 mm
Standard Accessories	Roller No.s (B25, 425, 422, 416 mm) Collar No.s (425, 422, 419, 416, 413, 525, 522, 519) Hex wrench 2, 8, 17 mm Double ended spanner (17 / 19 mm) Screw driver & tool box

# Portable Hydraulic Bar Benders

These bar benders use a separate hydraulic pump for power. Available in 32 and 38 mm versions they have the advantage that the bending tools are lighter than those with integral electric motors.

**HBB-532**

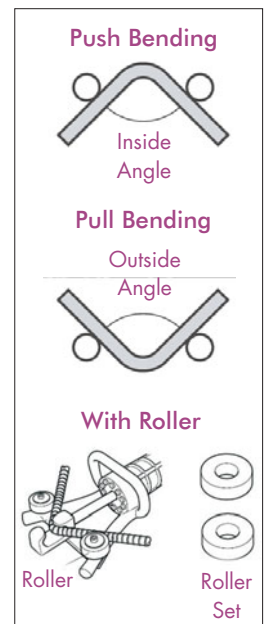


**HBB-538**



Specification	HBB-532 High Tensile 32 mm Bar Bender	HBB-538 High Tensile 38 mm Bar Bender
Pump	HPP-570	HPP-570
Bending Capability	620 N/mm <sup>2</sup>	620 N/mm <sup>2</sup>
Bending Angle	0 - 90°	0 - 90°
Bending Speed: 90°	Push Bending, 20 sec. Pull Bending, 19 sec.	Push Bending, 35 sec. Pull Bending, 30 sec.
Weight	18.5 kg	31.9 kg
Dimensions LxWxH	492 x 311 x 175.5 mm	558 x 356 x 205 mm
Standard Accessories	Hydraulic oil Hex wrench 8 mm Spanner 36 mm Bending roller set	Hydraulic oil Hex wrench 8 mm Spanner 36 mm Bending roller set

## Bending Angles



## Bending & Straightening Angles

	Bending Angle				Inside Angle of Exiting Bends	
	With Roller		Without Roller		Standard Hook	
	HBB-532	HBB-538	HBB-532	HBB-538	HBB-532	HBB-538
Ø 13	82°	96°	-	-	125°	134°
Ø 16	78°	92°	-	-	130°	136°
Ø 19	69°	89°	-	-	135°	138°
Ø 22	65°	85°	-	-	137°	141°
Ø 25	65°	81°	90°	-	138°	143°
Ø 29	-	76°	85°	91°	145°	146°
Ø 32	-	-	80°	87°	147°	148°
Ø 38	-	-	-	80°	-	154°

## HPP-570 Double-Acting Hydraulic Pump for HBB-532/538

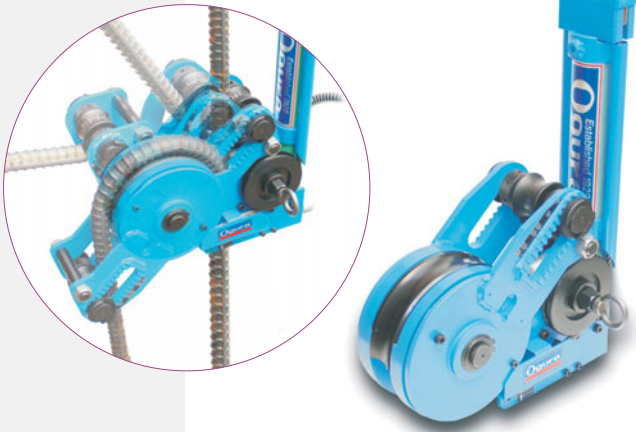


**Specification** **HPP-570**  
Hydraulic Pump

Oil Flow	1 l/min
Max. Oil Pressure	68.6 Mpa
Weight	22.0 kg
Dimensions LxWxH	257 x 257 x 327 mm
Standard Accessories	Hydraulic oil

# Hydraulic Powered 35mm 180° Bar Bender

## HBB-35180



### Specification

### HBB-35180

#### High Tensile 35 mm Bar Bender

Pump	HPP-570S
Bending Capability	620 N/mm <sup>2</sup> : 19 - 32 mm 560 N/mm <sup>2</sup> : 35 mm
Bending Angle	0 - 180°
Bending Diameter (Inner Dimensions)	4 - 6 D (4 - 6 times diameter of rebar) 19 mm rebar - 5 D 35 mm rebar - 5 D
Weight	with collar 41 kg, without collar 36 kg
Dimensions LxWxH	409 x 156 x 552 mm
Standard Accessories	Collar No.s (632, 629/535) Rebar setting stopper (x 2) Nut retaining bar

### Bending Table

The following table gives information on the inner distance between the bent angles. e.g. if a piece of rebar is 35 mm in diameter and the bar is bent 180°, the distance (D) is measured in multiples of the rebar width.

Rebar Diameter	Bending Diameter (Inside Dimensions)					
	4D Bending		5D Bending		6D Bending	
	Collar No. (Dia.)	Roller Setting	Collar No. (Dia.)	Roller Setting	Collar No. (Dia.)	Roller Setting
Ø 19	-	-	*519 (F 95)	19 (5D)	*619/429 (F 116)	19 (6D)
Ø 22	*422 (F 88)	22 (4D)	*522 (F 110)	22 (5D)	*622 (F132)	22 (6D)
Ø 25	*425 (F 100)	25 (4D)	*525 (F125)	25 (5D)	*625 (F 174)	25 (6D)
Ø 29	*619/429 (F 116)	29 (4D)	*529 (F 145)	29 (5D)	629/535 (F 174)	29 (6D)
Ø 32	*432 (F 128)	32 (4D)	*532 (F 160)	32 (5D)	632 (F192)	32 (6D)
Ø 35	*435 (F 140)	35 (4D)	629/535 (F 174)	35 (5D)	-	-

\* Optional extra

## HPP-570S Single-Acting Hydraulic Pump for HBB-35180



### Specification

### HPP-570S

#### Hydraulic Pump

Oil Flow	1 l/min
Max. Oil Pressure	68.6 Mpa
Weight	22.0 kg
Dimensions LxWxH	257 x 257 x 327 mm
Standard Accessories	Single action switch Hydraulic oil

Established for 17 years, VimpeX are specialist suppliers of industrial bar cutter, benders and hole punches to the construction and metal fabrication industries.

We are sole European distributor for the Ogura Range of Hydraulic Tools.

### Quality Statement

VimpeX staff are trained in the demonstration, service and repair of all tools and equipment we sell. We are an official service and warranty repair agent for all petrol and electric Makita products as well as the European service and warranty repair agent for Ogura Tools.



### VimpeX Ltd

Star Lane, Great Wakering  
Essex SS3 0PJ England  
Tel: +44 (0) 1702 216999  
Fax: +44 (0) 1702 216699  
E-mail: sales@vimpeX.co.uk  
[www.metal-cutters.co.uk](http://www.metal-cutters.co.uk)

# VIMPEX

Advancing Cutting Technology

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