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***MACHINERY  
SHEET METAL AND  
TOOL ACCESSORIES***

# BANDSAW



## PORTABLE BANDSAW



**Features :**

- Stand included variable speed
- For cut metal (round and square bar, pipe, angle iron, etc.)

<b>Article No.</b>	<b>10205823</b>
<b>Model No.</b>	<b>ORBSP0511</b>
<b>Description</b>	<b>Portable Bandsaw 5" 110W 220V PSH05BA</b>
<b>Specification</b>	
<b>Motor (kW/V/Ph)</b>	1100 / 220 / 1
<b>Cutting Capacity (mm) / (inchi)</b>	127 x 127 / 5
<b>Speed</b>	0 - 2.4 m/s
<b>Dimension (L x W x H) (mm)</b>	550 x 300 x 400
<b>N.W. / G. W (kg)</b>	21.5 / 22.5

# PRESS MACHINE



## HYDRAULIC PRESS



10143804



10143805



KW0500567

**Features :**

- Durable hydraulic presses
- Gauge dial
- Heavy-duty welded Construction

<b>Article No.</b>	<b>10143804</b>	<b>10143805</b>	<b>KW0500567</b>
<b>Model No.</b>	<b>ORHP1010</b>	<b>ORHP1212</b>	<b>ORHP2020</b>
<b>Description</b>	<b>Hydraulic Press Bench Type 10T</b>	<b>Hydraulic Press Floor Type 12T</b>	<b>Hydraulic Press Bench Type 30 T</b>
<b>Specification</b>			
<b>Motor (kW/V/Ph)</b>			3 / 380 / 3
<b>Capacity (T)</b>	10	12	30
<b>Bed Opening (mm)</b>	110	80	320
<b>Work Range (mm)</b>	0 - 350	0 - 920	0 - 420
<b>Stroke Length (mm)</b>	175		220
<b>Inside Bed Dimensions L x W (mm)</b>	110 x 340	80 x 500	320 x 295
<b>Dimensions L x W x H (mm)</b>	680 x 450 x 1070	770 x 500 x 1665	950 x 320 x 1730

**HYDRAULIC PRESS**



KW0501735



KW0501736

**Features :**

- Durable hydraulic presses
- Gauge dial
- Heavy-duty welded Construction

Article No.	KW0501735	KW0501736
Model No.	ORHP2020	ORHP2020
Description	Hydraulic Press Bench Type 50 Ton with Accessories	Hydraulic Press Bench Type 100 Ton with Accessories
Specification		
Motor (kW / V / Ph)	3 / 380 / 3	
Capacity (T)	50	100
Bed Opening (mm)	200	300
Work Range (mm)	0 - 1070	0 - 800
Stroke Length (mm)	-	
Inside Bed Dimensions L x W (mm)	-	
Dimensions L x W x H (mm)	1330 x 810 x 1830	1600 x 1030 x 1830



# PIPE BENDER



## MANUAL PIPE BENDER



**Features :**

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>KW1500696</b>
<b>Model No.</b>	<b>ORMPB1025</b>
<b>Description</b>	<b>Manual Pipe Bender 10-25mm</b>
<b>Specification</b>	
<b>Max Thickness (mm)</b>	0.8 - 2
<b>Max Bending Angel (°)</b>	180
<b>Dies Type (Radius) (mm (mm))</b>	10 (50), 12 (60), 14 (70), 16 (80), 19 (90), 22 (113), 25 (113)
<b>Weight (kg)</b>	24
<b>Packing Size (L x W x H) (mm)</b>	640 x 250 x 150

## MANUAL PIPE BENDER



**Features :**

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>KW1500520</b>
<b>Model No.</b>	<b>ORMPB0308</b>
<b>Description</b>	<b>Manual Pipe Bender 3/8 - 7/8"</b>
<b>Specification</b>	
<b>Max Thickness (mm)</b>	0.8 - 1.2
<b>Max Bending Angel (°)</b>	180
<b>Dies Type (Radius) (mm (mm))</b>	3/8 (50)
<b>Dies Type (Radius) - Round (inch (mm))</b>	1/2 (60), 9/16 (70), 5/8 (80), 3/4 (90), 7/8 (110)
<b>Dies Type (Radius) - Square (inch (mm))</b>	3/4 (100)
	1 (110)
<b>Weight (kg)</b>	24
<b>Packing Size (L x W x H) (mm)</b>	640 x 250 x 150

\*Capacity based on carbon steel material

## HYDRAULIC PIPE BENDER



**Features :**

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>KW1500595</b>
<b>Model No.</b>	<b>ORPBE0504</b>
<b>Description</b>	<b>Hydraulic Pipe Bender 1/2 - 4" with Electric Motor</b>
<b>Specification</b>	
<b>Motor (kW / V / Ph)</b>	0.75 / 380 / 3
<b>Max Thickness (mm)</b>	2.75 - 6
<b>Max Bending Angel (°)</b>	90
<b>Dies Type (Radius) - Round (inch (mm))</b>	1/2 (80), 3/4 (95), 1 (105), 1 1/4 (140), 1 1/2 (180), 2 (240), 2 1/2 (265), 3 (265), 4 (385)
<b>Weight (kg)</b>	173
<b>Packing Size (L x W x H) (mm)</b>	1180 x 460 x 320

\*Capacity based on carbon steel material

**HYDRAULIC PIPE BENDER**



Capacity  
1/2 ~ 2"

KW1500589



Capacity  
1/2 ~ 3"

KW1500590



Capacity  
1/2 ~ 4"

KW1500591

**Dies Included for All Type**



- Features :
- Anti Springbreak Mechanism Standard
  - Plastic Case Packing
  - Simple Installation and Easy to Operated

\*Capacity based on carbon steel material

Article No.	KW1500589	KW1500590	KW1500591
Model No.	ORPBF0502	ORPBF0503	ORPBF0504
Description	Hydraulic Pipe Bender 1/2 ~ 2" Floor Type	Hydraulic Pipe Bender 1/2 ~ 3" Floor Type	Hydraulic Pipe Bender 1/2 ~ 4" Floor Type
<b>Specification</b>			
Max Thickness (mm)	2.75 - 4.5	2.75 - 5	2.75 - 6
Max Bending Angel (°)		90	
Dies Type (Radius) (mm (mm))		1/2 (80)	
		3/4 (95)	
		1 (105)	
		1 1/4 (140)	
		1 1/2 (180)	
		2 (240)	
			2 1/2 (265)
		3 (305)	
Weight (kg)	60	140	215
Packing Size (L x W x H) (mm)	610 x 690 x 250	920 x 400 x 230	1180 x 460 x 250

**DIGITAL PIPE BENDER**



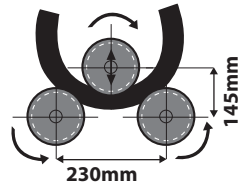
- Features :
- Anti Springbreak Mechanism Standard
  - Plastic Case Packing
  - Simple Installation and Easy to Operated

Article No.	KW1500991
Model No.	-
Description	Digital Pipe Bender 3/4 - 1 1/4"
<b>Specification</b>	
Motor (kW / V / Ph)	1.8 / 220 / 1
Max Thickness (mm)	0.8 - 1.2
Max Bending Angel (°)	180
	3/4 (77)
	1 (103)
	1 1/4 (130)
Weight (kg)	14
Packing Size (L x W x H) (mm)	720 x 230 x 910

**ELECTRIC PIPE BENDING**



Dies Included

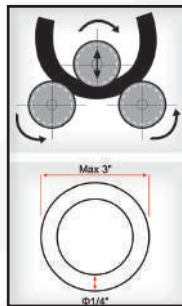


Features :

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>KW1500698</b>
<b>Model No.</b>	<b>ORPBE1676</b>
<b>Description</b>	<b>Electric Pipe Bending Machine 16-76mm</b>
<b>Specification</b>	
<b>Motor (kW / V / Ph)</b>	1.5 / 380 / 3
<b>Max Thickness (mm)</b>	0.5 - 2
<b>Max Bending Angel (°)</b>	360
<b>Bending Formers (mm)</b>	16, 19, 22, 25, 32, 38, 51, 63, 76
<b>Square Formers (mm)</b>	16, 19, 22, 25, 30, 38, 40, 50
<b>Weight (kg)</b>	250
<b>Packing Size (L x W x H) (mm)</b>	600 x 575 x 910

**ROUND BENDER MACHINE**



Features :

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>KW1500955</b>
<b>Model No.</b>	-
<b>Description</b>	<b>Round Bender Machine 1/4"</b>
<b>Specification</b>	
<b>Ring Size Range (inch)</b>	1 - 3
<b>- Round Steel (mm) 6</b>	6
<b>- Flat Steel (mm)</b>	5 - 25
<b>Dimension (L x W x H) (mm)</b>	340 x 180 x 420
<b>Weight (kg) 80</b>	80



# CUT MACHINE

## BANDSAW MACHINE



Cutting Cap. 5"

10475279

**Features :**

- Chip brush and length stopper
- Pulley system
- Ridgid casting structure



Cutting Cap. 9"

10475281

**Features :**

- Pulley system (10475280)
- Quick clamping vise (10475280, 10475282)
- Coolant system



Cutting Cap. 8"

10475280

**Also available accessories:**



10475279

Coolant system for all machine



Cutting Cap. 10"

10475282

**Features :**

- Pulley system (10475280)
- Quick clamping vise (10475280, 10475282)
- Swivel head 90°

Article No.	10475279	10475280	10475281	10475282
Model No.	OPBM1201	OPBM1803	OPBM2203	OPBM3003V
Description	Band Saw Machine 125mm	Band Saw Machine 180mm	Band saw Machine 225mm	Band Saw Machine 255mm
<b>Specification</b>				
Motor (kW / V / Ph)	0.4 / 230 / 1	0.1 / 400 / 3	1.1 / 400 / 3	1.5 / 400 / 3
- 0° Round (mm)	Ø 125	Ø 180	Ø 225	Ø 255
- 0° Rectangle (mm)	125	Ø 110	170	190
- 45° Round (mm)	Ø 85	180	Ø 145	Ø 215
- 45° Rectangle (mm)	85	150	145	190
- 60° Round (mm)	Ø 50	-	Ø 90	Ø 135
- 60° Rectangle (mm)	50	-	90	135
Blade Size (mm)	1440 x 12.5 x 0.6	2360 x 19 x 0.9	2480 x 27 x 0.9	2750 x 27 x 0.9
Dimensi (L x W x H) (mm)	795 x 382 x 640	1295 x 535 x 790	1400 x 685 x 1700	1680 x 700 x 1850
Weight (kg)	23.3	130	185	335



# BENDING MACHINE

## TUBE BENDING MACHINE



Included :  
Dies Tube Bender

Tube Bender



Features :

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>10200447</b>
<b>Model No.</b>	<b>OPTBM40</b>
<b>Description</b>	<b>Tube Bending Machine 16-40mm</b>
<b>Specification</b>	
<b>Motor (kW / V / Ph)</b>	1.5 / 380 / 3
<b>Max Thickness (mm)</b>	1 - 3
<b>Max Bending Angel (°)</b>	180
	16(96)
	20(105)
	25(129)
	32(217), 38(194)
<b>Weight (kg)</b>	290
<b>Packing Size (L x W x H) (mm)</b>	960 x 610 x122

## HYDRAULIC PIPE BENDER



Features :

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>10106068</b>
<b>Model No.</b>	<b>OPPBX2</b>
<b>Description</b>	<b>Hydraulic Pipe Bender Expander Machine 1-3"</b>
<b>Specification</b>	
<b>Motor (kW / V / Ph)</b>	3.0 / 380 / 3 (50Hz)
<b>Bending capacity</b>	1.1/2" - 3" tube
<b>Max material</b>	3" tube
<b>Packing size (mm)</b>	1800 x 860 x 1320
<b>Weight (kg)</b>	638



**HYDRAULIC PIPE BENDER**



**Features :**

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>10106047</b>
<b>Model No.</b>	<b>OPPBH2</b>
<b>Description</b>	<b>Hydraulic Pipe Bender Machine 1-2"</b>
<b>Specification</b>	
<b>Motor (kW / V / Ph)</b>	0.55 / 380 / 3 (50Hz)
<b>Bending capacity</b>	1" - 2" (schedule 40 pipe)
<b>Packing size (mm)</b>	1400 x 700 x 1160
<b>Weight (kg)</b>	111

**ARBOR PRESS**



**Features :**

- Anti Springbreak Mechanism Standard
- Plastic Case Packing
- Simple Installation and Easy to Operated

<b>Article No.</b>	<b>KW1500957</b>
<b>Model No.</b>	<b>ORPA0303</b>
<b>Description</b>	<b>Arbor Press 3T</b>
<b>Specification</b>	
<b>Pressure (Ton)</b>	3
<b>Opening Height (mm)</b>	280
<b>Dimension (L x W x H) (mm)</b>	300 x 460 x 900
<b>Weight (kg)</b>	58



# SHEET METAL WORKING

## MULTI PURPOSE MANUAL SHEAR



**Features :**

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>	<b>KW1500403</b>
<b>Model No.</b>	<b>OPSM1</b>
<b>Description</b>	<b>Multi Purpose Manual Shear 1mm</b>
<b>Specification</b>	
<b>Max. Capacity (mm)</b>	1
<b>Dimension (L x W x H) (mm)</b>	320 x 240 x 340
<b>Weight (kg)</b>	2

## STEEL PLATE SHEAR






KW1500398



**Features :**

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>		<b>KW1500399</b>	<b>KW0100739</b>
<b>Model No.</b>		-	-
<b>Description</b>		<b>Shear for plate Bar and section steel 10mm</b>	<b>Bar Cutter 32mm</b>
<b>Specification</b>			
- Round Steel (mm)		22	32
- Square Steel (mm)		20 x 20	28 x 28
- Flat Steel		90 x 14	40 x 14
<b>Dimension (L x W x H) (mm)</b>		970 x 390 x 680	490 x 240 x 450
<b>Weight (kg)</b>		99	52



**METAL SHEAR**



KW0102123

Features :

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

Article No.		KW0102123	KW0102125
Model No.		ORM6	ORM10
Description		Metal Shears 6"	Metal Shears 10"
<b>Specification</b>			
- Round Steel (mm)		11	13
- Flat Steel (mm)		70 x 16	70 x 16
- Sheet Steel (mm)		6	10
Dimension (L x W x H) (mm)		330 x 160 x 330	740 x 160 x 440
Weight (kg)		13	23

**GUILLOTINE SHEAR**



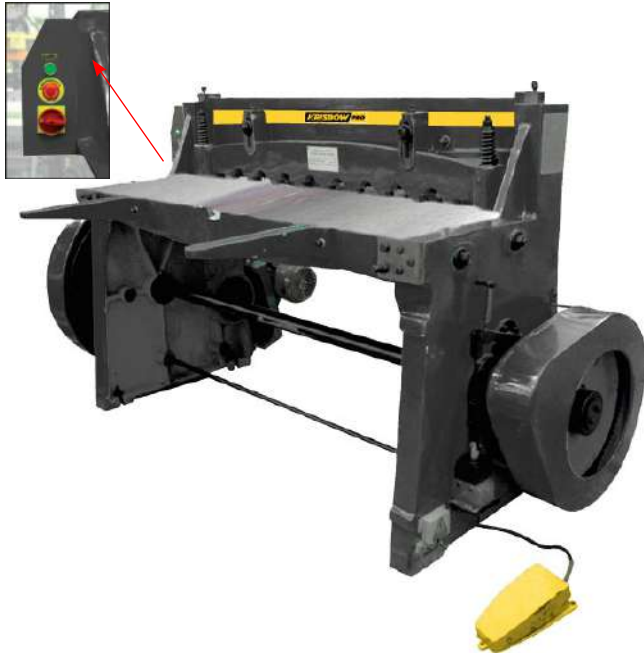
KW1500511



KW 1500513

Article No.	KW1500511	KW1500512
Model No.	ORGS1580	ORGS1510
Description	Guillotine Shear 1.5 x 800mm	Guillotine Shear 1.5 x 1000 mm
<b>Specification</b>		
Shearing Thickness (mm)	11	13
Dimension (L x W x H) (mm)	70 x 16	
Weight (kg)	6	10

Article No.	KW1500513
Model No.	OPGST1510
Description	Guillotine Shear 1.5 x 1000 mm with Table
<b>Specification</b>	
Table Width (mm)	1000
Shearing Thickness (mm)	1.5
Dimension (L x W x H) (mm)	1550 x 1000 x 580
Weight (kg)	295

**ELECTRIC SHEARING MACHINE**


Adjustable back stopper

## Features :

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>	<b>KW1500901</b>
<b>Model No.</b>	<b>OPES0313</b>
<b>Description</b>	<b>Electric Shearing Machine 3.0 x 1300mm</b>
<b>Specification</b>	
<b>Motor Power (kW / V / Ph)</b>	3 / 380 / 3
<b>Shearing Width (mm)</b>	1300
<b>Shearing Thickness (mm)</b>	3
<b>Back Gauge Range (mm)</b>	350
<b>Shearing Angle (°)</b>	2
<b>Number of Stroke (stroke / min)</b>	20
<b>Packing Size (L x W x H) (mm)</b>	2330 x 1360 x 1540
<b>Weight (kg) 1400</b>	1400

**UNIVERSAL BENDER**


## Features :

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>	<b>KW1500388</b>
<b>Model No.</b>	<b>OPUB1015</b>
<b>Description</b>	<b>Universal Bender 100 x 12mm</b>
<b>Specification</b>	
<b>Round Steel (mm)</b>	18
<b>Square Steel (mm)</b>	16 x 16
<b>Dimension (L x W x H) (mm)</b>	720 x 180 x 130
<b>Weight (kg)</b>	32

**HAND BRAKES**


## Features :

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>	<b>KW1500503</b>
<b>Model No.</b>	<b>OPBH2512</b>
<b>Description</b>	<b>Hand Brakes 2.5 x 1220mm</b>
<b>Specification</b>	
<b>Bending Width (mm)</b>	1220
<b>Bending Thickness (mm)</b>	2.5
<b>Bending Angle (°)</b>	0 – 135
<b>Dimension (L x W x H) (mm)</b>	1750 x 770 x 900
<b>Weight (kg)</b>	580

**HAND BRAKES**


KW1500497



KW1500387

**Features :**

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

Article No.	KW1500497	KW1500498	KW1500387
Model No.	OPBH1003	OPBH1006	OPBH1213
Description	Hand Brakes 1.0 x 305mm	Hand Brakes 1.0 x 610mm	Hand Brakes 1.2 x 1300mm
Specification			
Bending Width (mm)	305	610	1300
Bending Thickness (mm)	1		1.2
Bending Angle (°)	0 – 135		
Dimension (L x W x H) (mm)	540 x 300 x 380	830 x 270 x 360	1500 x 750 x 1050
Weight (kg)	30	46	148



KW1500499



KW1500502

**Features :**

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

Article No.	KW1500499	KW1500502
Model No.	OPBH1512	OPBH1513
Description	Hand Brakes 1.5 x 1220mm	Hand Brakes 1.5 x 1260mm
Specification		
Bending Width (mm)	1220	1260
Bending Thickness (mm)	1.5	
Bending Angle (°)	0 – 150	0 – 135
Dimension (L x W x H) (mm)	1610 x 480 x 680	
Weight (kg)	151	161

**FOLDING MACHINE**

**Features :**

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>	<b>KW1500504</b>
<b>Model No.</b>	<b>OPFM0213</b>
<b>Description</b>	<b>Folding Machine 2.0 x 1270mm</b>
<b>Specification</b>	
<b>Bending Width (mm)</b>	1270
<b>Bending Thickness (mm)</b>	2
<b>Bending Angle (°)</b>	0 – 135
<b>Dimension (L x W x H) (mm)</b>	1700 x 710 x 1270
<b>Weight (kg)</b>	385

**MANUAL ROTARY MACHINE**
**Include Accessories**
**DIES SET FOR KW1500526**

**Features :**

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>	<b>KW1500526</b>
<b>Model No.</b>	<b>OPRM08</b>
<b>Description</b>	<b>Manual Rotary Machine 0.8mm</b>
<b>Specification</b>	
<b>Capacity (mm)</b>	0.8
<b>Max Width (mm)</b>	177
<b>Dimension (L x W x H) (mm)</b>	500 x 450 x 160
<b>Weight (kg)</b>	24

**ELECTRIC ROTARY MACHINE**

**Features :**

- It can be used to shear non-ferrous metal or plate and bar
- The machine is easy to operate, light in weight, small in size

<b>Article No.</b>	<b>KW 1500960</b>
<b>Model No.</b>	<b>OPRME1823</b>
<b>Description</b>	<b>Electric Rotary Machine 1.8mm</b>
<b>Specification</b>	
<b>Motor Power (kW / V / Ph)</b>	1.5 / 380 / 3
<b>Capacity (mm)</b>	1.8
<b>Max Width (mm)</b>	238
<b>Dimension (L x W x H) (mm)</b>	430 x 800 x 1170
<b>Weight (kg)</b>	140

**ELECTRIC SLIP ROLL MACHINE**

**Features :**

- Asymetrical roll bending machine with 3 rolls
- High strength steel rolls
- Worm gear and motor for prebending

<b>Article No.</b>	<b>KW1500509</b>
<b>Model No.</b>	<b>OPERM1514</b>
<b>Description</b>	<b>Electric Slip Roll Machine 1.5 x 1020mm, 0.75kW</b>
<b>Specification</b>	
<b>Motor Power (kW / V / Ph)</b>	0.75 / 380 /3
<b>Max Rolling Width (mm)</b>	1020
<b>Max Rolling Thickness (mm)</b>	1.5
<b>Dia Of Roll (mm)</b>	60
<b>Dimension (L x W x H) (mm)</b>	1700 x 560 x 1140
<b>Weight (kg)</b>	300

**Features :**

- Asymetrical roll bending machine with 3 rolls
- High strength steel rolls
- Worm gear and motor for prebending



<b>Article No.</b>	<b>KW1500508</b>
<b>Model No.</b>	<b>OPERM1513</b>
<b>Description</b>	<b>Electric Slip Roll Machine 1.5 x 1300mm, 0.75kW</b>
<b>Specification</b>	
<b>Motor Power (kW / V / Ph)</b>	0.75 / 380 /3
<b>Max Rolling Width (mm)</b>	1300
<b>Max Rolling Thickness (mm)</b>	1.5
<b>Dia Of Roll (mm)</b>	75
<b>Dimension (L x W x H) (mm)</b>	1900 x 550 x 1100
<b>Weight (kg)</b>	420

**Features :**

- Asymetrical roll bending machine with 3 rolls
- High strength steel rolls
- Worm gear and motor for prebending



<b>Article No.</b>	<b>KW 1500915</b>
<b>Model No.</b>	<b>OPESR3515</b>
<b>Description</b>	<b>Electric Slip Roll Machine 3.5 x 1550mm, 3HP</b>
<b>Specification</b>	
<b>Motor Power (kW / V / Ph)</b>	2.2 / 380 /3
<b>Max Rolling Width (mm)</b>	1550
<b>Max Rolling Thickness (mm)</b>	3.5
<b>Dia Of Roll (mm)</b>	120
<b>Dimension (L x W x H) (mm)</b>	2220 x 760 x 1270
<b>Weight (kg)</b>	890

**PUNCHER and PIPE NOTCHER MACHINE**



**Optional Accessories**



**10203067**  
Right Angle Notcher  
For HYD Iron Worker



**10203068**  
Punch Heterotypic  
Hole For Iron Worker



**10203090**  
Slot Dies For HYD  
Iron Worker



**10203091**  
Pipe Notcher



**10203092**  
Pipe Shering



**10203093**  
Multi Shearing  
Dies

**Included Accessories**



**10203066**  
Punch Dies 7 Set For Hyd  
Iron Worker



**10203069**  
Brake Dies For Hyd Iron  
Worker

**Features :**

- Used for punch, shear, notch and brake mild steel plate, bar-stock and angle.
- Available to fabricate rod, square stock, sheet metal and pipe

<b>Article No.</b>	<b>10203065</b>	
<b>Model No.</b>	<b>OPIWH60</b>	
<b>Description</b>	<b>HYD Iron Worker 60T Shear Brake Notch</b>	
<b>Specification</b>		
<b>Motor (kW / V / Ph)</b>	4 / 380 / 3	
<b>Punch capacity</b>	Diameter (mm)	27
	Throat depth	7 - 1/2"
<b>Flat bar shearing</b>	Max. width (mm)	12 x 300 atau 9.5 x 355
	Max. capacity (mm)	19 x 100
	Max. round (mm)	22
	Max. square (mm)	22
<b>Angle shearing</b>	Max. capacity (mm)	100 x 100 x 9.5 or 76 x 76 x 12
	Work height (mm)	1016
<b>Open station</b>	Throat depth	7"
	Open height	8"
	Shut height	6 - 3/4"
<b>Dimension (L x W x H) (mm)</b>	1000 x 1050 x 1380	
<b>N.W/G.W (kg)</b>	1291 / 1411	



**HAND NOTCHER**



- Features :
- For mild steel and plate
  - Heavy-duty blade

<b>Article No.</b>	<b>KW 1500389</b>
<b>Description</b>	<b>Hand Notcher 1.6mm x 4ton</b>
<b>Specification</b>	
<b>Pressure (Ton) 4</b>	4
<b>Max. Thickness (mm) 1.6</b>	1.6
<b>Punches (mm)</b>	152 x 152
<b>90° Angle (mm)</b>	152 x 152
<b>Ram Stroke (m)</b>	20
<b>Dimension (L x W x H) (mm)</b>	500 x 460 x 390
<b>Weight (kg)</b>	385

**HAND PUNCHER**



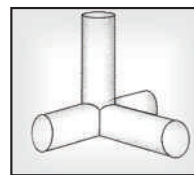
- Features :
- For mild steel and plate
  - Heavy-duty blade

<b>Article No.</b>	<b>KW 1500516</b>
<b>Description</b>	<b>Hand Puncher 8mm</b>
<b>Specification</b>	
<b>Shearing Thickness (mm)</b>	8
<b>Max Throat (mm)</b>	160
<b>Punch Mold and Dies (mm)</b>	55 x 34 x 18
<b>Dimension (L x W x H) (mm)</b>	800 x 460 x 160
<b>Weight (kg)</b>	80

**MANUAL PIPE NOTCHER**



- Features :
- For mild steel and plate
  - Heavy-duty blade



<b>Article No.</b>	<b>KW1500959</b>
<b>Description</b>	<b>Manual Pipe Notcher 1.5", 2"</b>
<b>Specification</b>	
<b>Capacity (inch) 3/4, 1, 1 1/4 1 1/2, 2</b>	1 1/2, 2
<b>Max Thickness (mm) 3 4</b>	4
<b>Dimension (L x W x H) (mm)</b>	210 x 170 x 105
<b>Weight (kg)</b>	15