



## Collection of **Sheet Metal** Machines

- HYDRAULIC NOTCHING MACHINE
- LOCK FORMING MACHINE
- POWER SLITTER
- HAND OPERATED SWAGER
- ROTARY CLADDING MACHINE
- HAND NOTCHER



**Y-16**

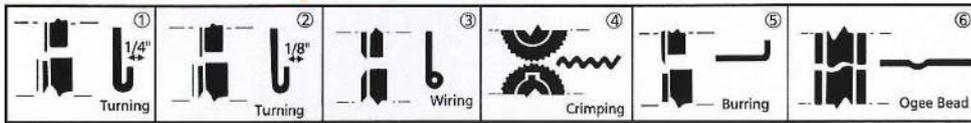


## HAND NOTCHER

Maximum Force	4 tons.
Maximum capacity Mild steel	1.6 mm (16GA)
Notch	152mm x 152 mm x 90° (6"x 6"x 90°)
Stroke	19 mm (3/4")
Table size	457 x 305 mm (18"x 12")
Shipping weight. Net / Gross	90 / 110 kgs
Packing size	630 x 600 x 600 mm

## ROTARY CLADDING MACHINE

### STANDARD EQUIPMENTS



**U-22**

Model	Capacity mild steel	Dis. between shaft center	Depth of throat	Net/Gross weight	Packing size
U-22	0.8mm / 22GA	50mm / 2"	178mm / 7"	35 / 40kgs	530 x 530 x 230mm



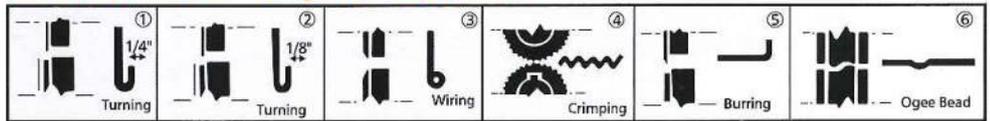
**U-22**



**K-20**

## HAND OPERATED SWAGER

### STANDARD EQUIPMENTS



**K-20**

Model	Capacity mild steel	Dis. between shaft center	Depth of throat	Net/Gross weight	Packing size
K-20	1.0mm / 20GA	50mm / 2"	100mm / 4"	45 / 55kgs	550 x 350 x 650mm

## POWER SLITTER

**SFS-548**

Capacity	5 Cuts on 26GA and lighter
Speed	Approximately 60 feet per minute.
Motor	1 HP. 110V/Single phase/60Hz.
Drive	Chain
Stand	Arc welded steel.
Shipping weight	430 kgs
Packing size	1800 X 1000 X 1280 mm



**SFS-548**

• The above specifications subject to change without prior notice.

# LOCK FORMING MACHINE



**L-20**

PITTSBURGH  
LOCK BUILT IN.

5/16" (8mm)



Flange Attachment  
(STANDARD FOR L-24)

## OPTIONAL ROLLS MOUNTED ON OUTBOARD SHAFTS FOR L-20

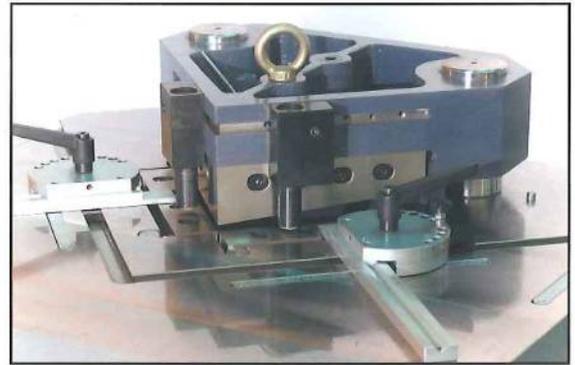
Rolls	 Double seam rolls	 Drive cleat rolls	 Flange attachment	 Right angle rolls
Capacity	20-26GA	20-26GA	20-26GA	20-26GA
Approx. material used	1" (25mm)	2-1/8" (54mm)	up to 3/16" (5mm)	up to 3/8" (9.5mm)
Size	3/8" Seam (9.5mm)	1-1/8" Width (28mm)	up to 3/16" Height (5mm)	up to 3/8" Height (9.5mm)

## L-20/24 SPECIFICATION

	L-20	L-24
Capacity	20GA and lighter	24GA and lighter
Depth of pocket	5/16"(8mm) Width of hammer-over edge adjustable up to 3/8" (9.5mm).	5/16" Width of hammer-over edge.
Speed	25 feet per minute.	30 feet per minute.
Motor	1 hp	1/2 hp
Drive	V-BELT.	
Stand	Arc welded steel. Heavy top plate	
Feature	All steel forming head, hardened and ground shafts, Case hardened steel forming rolls, Machine cut gear and needle type roller bearing throughout.	
Dimensions	1080 x 550 x 1150 mm	1000 x 600 x 730 mm
Shipping weight	160 kgs	100 kgs

\*The above specifications subject to change without prior notice.

# HYDRAULIC NOTCHING MACHINE



STURDY WORKHEAD, CONICAL GROOVES WITH SET OF GONIOMETRY SQUARES ON RIGID CAST IRON WORKTABLE.



SAFETY POWER ON/OFF.



LATERAL MECHANICAL HOLDDOWN IS STANDARD EQUIPMENT.

## HY-4 SPECIFICATION

Maximum capacity mild steel	4 mm
Max. notch	220 x 220 mm
Ram stroke	25 mm
Stroke per minute	35 spm
Motor	3 HP
Shipping weight	450 kgs
Packing size	1000 x 900 x 1350 mm

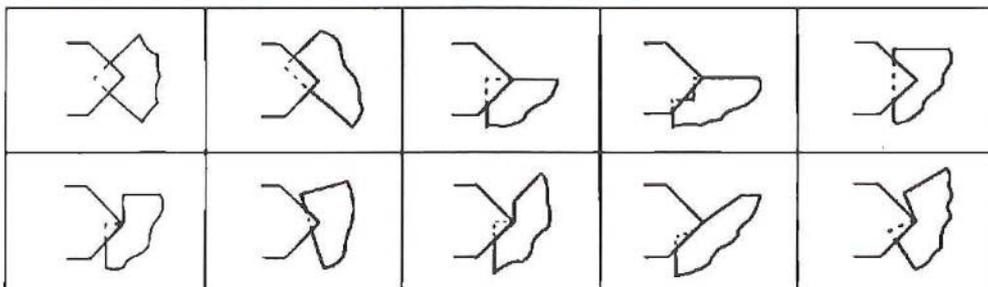
• The above specifications subject to change without prior notice.

## HY-4

### OPTIONAL ACCESSORY:

- FRONT SLIDING SUPPORTER FOR OVERSIZE WORKPIECE.
- INTERNAL STOP-ROD WITH DUAL SCALE FROM BACK SIDE.

## WORKING METHOD: NOTCHING



**FINTEK**

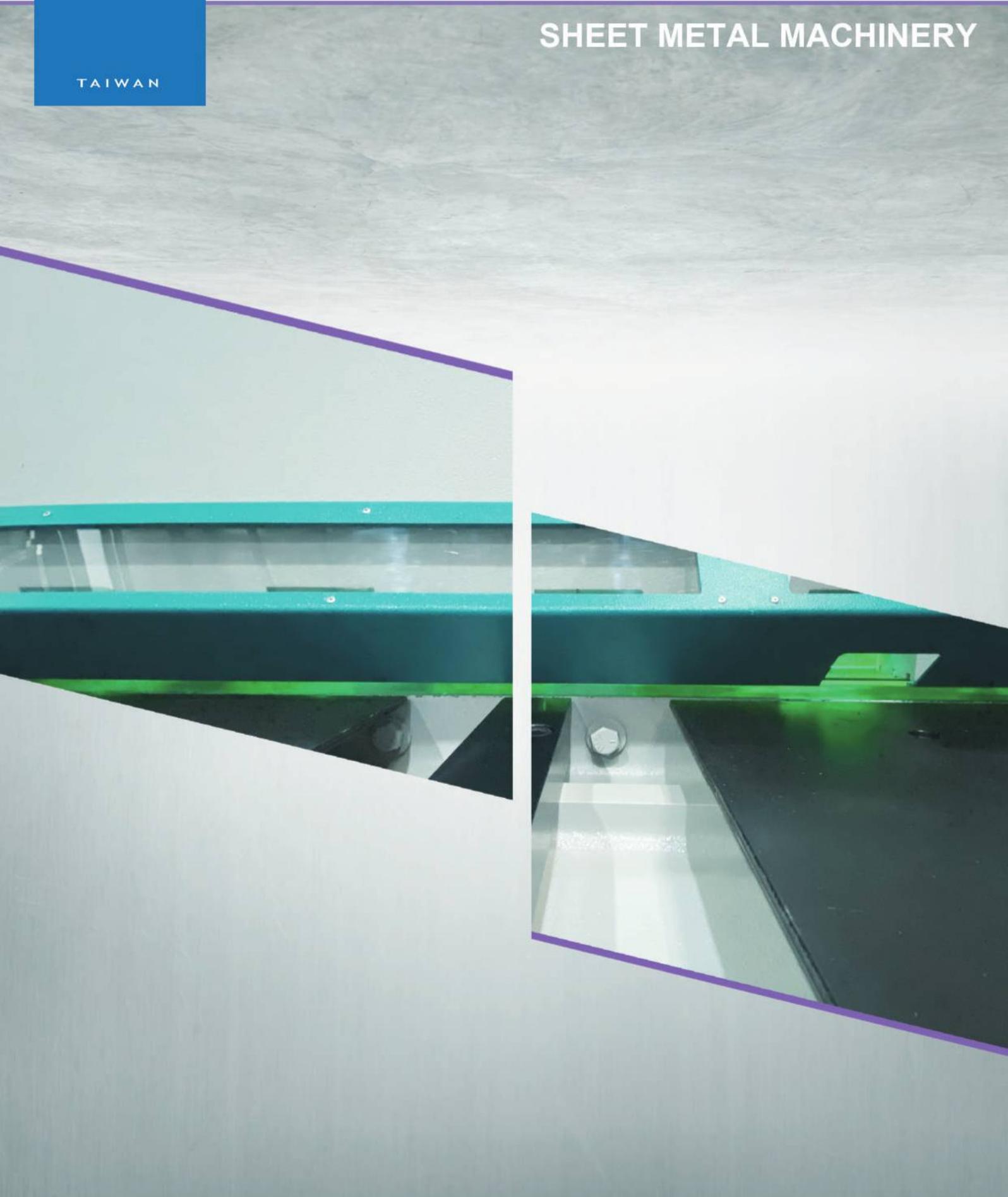
FINTEK INDUSTRY COMPANY LIMITED

**FINTEK**

TAIWAN

# SHEARING

SHEET METAL MACHINERY





# Hydraulic Shear

## Heavy-Duty Hydraulic Shear

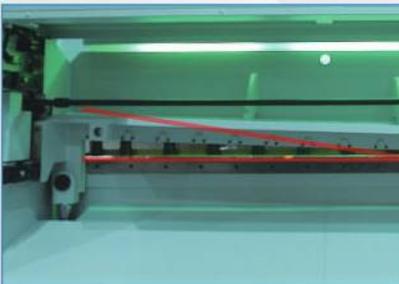


**H-0465**  
Hydraulic Shearing machine (standard)

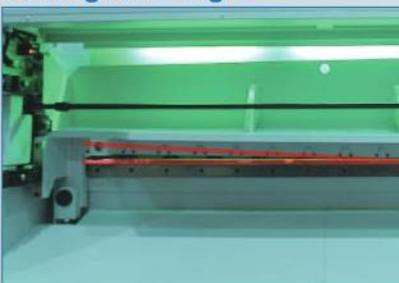


**H-0665**  
Hydraulic Shearing machine with FATEK NC controller (optional)

Cutting rake angle +



Cutting rake angle -



Blade-cutting rake angle adjustable for various thickness material

**H-0835**  
Hydraulic Shearing machine with M15s NC controller (optional)



# SPECIFICATION

SPEC	MODEL	UNIT	H-0435	H-0445	H-0465	H-0535	H-0545	H-0565
Max. Cutting Length		mm	1320 / 4 ft			1580 / 5 ft		
Max. Cutting Thickness - Mild Steel		mm	3.5 / 10 GA	4.5 / 7 GA	6.5 / 3 GA	3.5 / 10 GA	4.5 / 7 GA	6.5 / 3 GA
Max. Cutting Thickness - Stainless Steel		mm	2.2 / 14 GA	3.5 / 10 GA	4.5 / 7 GA	2.2 / 14 GA	3.5 / 10 GA	4.5 / 7 GA
Strokes per Minute		s.p.m	35 - 47	30 - 42	30 - 42	32 - 44	28 - 40	28 - 40
Hold-Downs	Numbers	pcs	9	9	9	10	10	10
	Pressure	Tons	2.5	3.2	3.2	3.5	4.5	4.5
Gauge	Front	mm	1000 / 39"			1000 / 39"		
	Back	mm	600 / 24"			600 / 24"		
Top Blade Cut Angle		degree	1/2 - 2° Hydraulic Adjustment Rake Angle			1/2 - 2° Hydraulic Adjustment Rake Angle		
Blade Gap Clearance Adjuster		-	N/A	Standard	Standard	N/A	Standard	Standard
Motor		HP	7.5	10	15	7.5	10	15
Oil Tank		L	106	106	130	106	106	130
Packing Dimension		mm	2250 x 1150 x 1650	2250 x 1300 x 1650	2250 x 1400 x 1650	2450 x 1150 x 1650	2500 x 1300 x 1650	2550 x 1450 x 1650
Packing Weight		kgs	2000	2450	2600	2400	2600	2900

SPEC	MODEL	UNIT	H-0635	H-0645	H-0665	H-0835	H-0845	H-0865
Max. Cutting Length		mm	2080 / 6 ft			2540 / 8 ft		
Max. Cutting Thickness - Mild Steel		mm	3.5 / 10 GA	4.5 / 7 GA	6.5 / 3 GA	3.5 / 10 GA	4.5 / 7 GA	6.5 / 3 GA
Max. Cutting Thickness - Stainless Steel		mm	2.2 / 14 GA	3.5 / 10 GA	4.5 / 7 GA	2.2 / 14 GA	3.5 / 10 GA	4.5 / 7 GA
Strokes per Minute		s.p.m	28 - 40	24 - 36	24 - 36	26 - 36	22 - 32	18 - 26
Hold-Downs	Numbers	pcs	12	12	12	16	16	16
	Pressure	Tons	4.2	5.6	5.6	6.7	7.8	12
Gauge	Front	mm	1000 / 39"			1000 / 39"		
	Back	mm	600 / 24"			600 / 24"		
Top Blade Cut Angle		degree	1/2 - 2° Hydraulic Adjustment Rake Angle			1/2 - 2° Hydraulic Adjustment Rake Angle		
Blade Gap Clearance Adjuster			N/A	Standard	Standard	N/A	Standard	Standard
Motor		HP	7.5	10	15	10	15	20
Oil Tank		L	160	160	180	214	214	284
Packing Dimension		mm	3000 x 1200 x 1650	3100 x 1300 x 1650	3150 x 1450 x 1650	3500 x 1250 x 1650	3550 x 1400 x 1650	3570 x 1500 x 1900
Packing Weight		kgs	2700	3000	3300	3480	4000	4600

SPEC	MODEL	UNIT	H-1035	H-1045	H-1065	H-1335	H-1345	H-1365
Max. Cutting Length		mm	3100 / 10 ft			4080 / 13 ft		
Max. Cutting Thickness - Mild Steel		mm	3.5 / 10 GA	4.5 / 7 GA	6.5 / 3 GA	3.5 / 10 GA	4.5 / 7 GA	6.5 / 3 GA
Max. Cutting Thickness - Stainless Steel		mm	2.2 / 14 GA	3.5 / 10 GA	4.5 / 7 GA	2.2 / 14 GA	3.5 / 10 GA	4.5 / 7 GA
Strokes per Minute		s.p.m	24 - 34	20 - 30	18 - 26	16 - 24	16 - 24	16 - 24
Hold-Downs	Numbers	pcs	18	18	18	23	23	23
	Pressure	Tons	8.2	9.6	12	9.2	10.1	12
Gauge	Front	mm	1000 / 39"			1000 / 39"		
	Back	mm	600 / 24"			600 / 24"		
Top Blade Cut Angle		degree	1/2 - 2° Hydraulic Adjustment Rake Angle			1/2 - 2° Hydraulic Adjustment Rake Angle		
Blade Gap Clearance Adjuster			N/A	Standard	Standard	N/A	Standard	Standard
Motor		HP	10	15	20	15	20	20
Oil Tank		L	214	214	284	214	214	240
Packing Dimension		mm	4100 x 1250 x 1650	4200 x 1400 x 1650	4220 x 1820 x 1900	5120 x 1500 x 1800	5120 x 1700 x 1880	5120 x 1920 x 1900
Packing Weight		kgs	3850	4700	5700	5400	6640	8500

## CONTROLLERS



### Control Panel

#### Electric panel with buttons

- Control cabinet with buttons
- Main power on/off switch
- Rake angle adjustment button
- Emergency Stop button



### MIKRA

#### M15S NC Controller

- 1-Axis control system
- 6 programs available, 16 bending steps each.
- Single / Manual / Program modes
- 800 mm motorized back gauge



### FATEK

#### Touch Screen NC Controller

- 7" Touch screen display
- Taiwan brand 2-Axis NC control system
- Blade gap clearance NC control adjustment
- 800 mm motorized back gauge
- Programmable functions - 50 programs available
- FINTEK Special designed Graphical interface
- Multiple languages available

STANDARD

OPTIONAL

OPTIONAL

## EQUIPMENTS



### Digi-counter & Stroke Adj

- Counter for number of cuts
- Cutting length (speed) adjustment timer
- Power light



### Rake Angle Adjustment

- Hydraulic powered rake angle adjustment
- Adjustment via buttons



### Blade Clearance Adjuster

- Manually adjust blade gap
- Adjust in accordance to cutting thickness
- For H-4.5/6.5 mm thickness models only

STANDARD

STANDARD

STANDARD



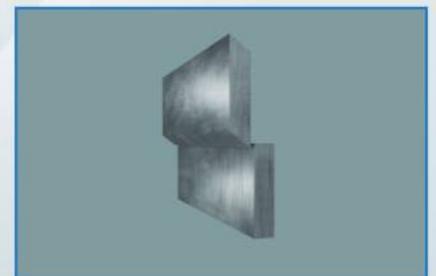
### Smooth Table

- 1000 mm side gauge
- 1000 mm front support arm
- Full length finger guard
- Feeding table with rollers
- Metric / Imperial unit options available



### Hydraulic Hold-down

- Independent hydraulic hold-down
- Quantity depends on machine models
- Powerful than mechanical hold-down



### High-quality Alloy Blade

- High carbon, chrome alloy-tool steel blades
- 2-edge upper blade & 4-edge bottom blade
- Long product longevity

STANDARD

STANDARD

STANDARD



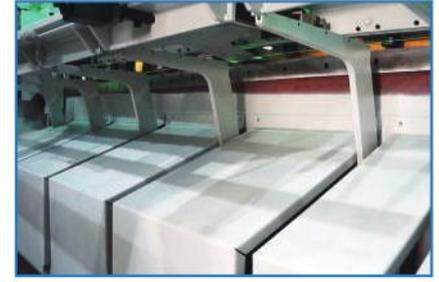
### Manual Back Gauge

- 600 mm manual back gauge
- Hand-wheel adjustment
- Metric / Imperial unit options available



### Motorized Back Gauge

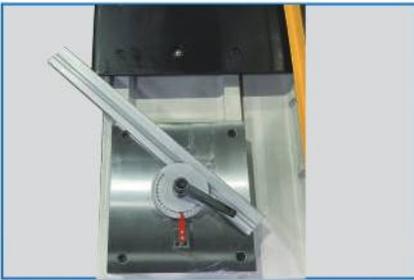
- 800 mm NC motorized back gauge
- Control by NC controller
- Metric / Imperial unit options available



### Rear Sheet Supporter

- Pneumatic sheet supporter
- For thin plate cutting support
- On / Off switchable

#### STANDARD



### Angle Gauge

- Angle gauge for angle plate cutting

#### OPTIONAL



### Extend Side Gauge

- 1250 / 1500 mm side gauge with base

#### OPTIONAL



### CE Conformity machine

- CE certified electrical components
- Rear guard with safety sensor barrier

#### OPTIONAL

#### OPTIONAL

#### OPTIONAL



## H-1065

Hydraulic Shearing machine with M15s NC controller (optional) & Angle gauge (optional)

### Pneumatic Rear Sheet Supporter

H-0835 with M15s NC controller motorized back gauge  
Pneumatic sheet supporter (optional)





# Compact Hydraulic Shear

## Compact type Hydraulic Shear



**P-12010**  
Compact type Hydraulic Shearing machine



Retractable front supporting arm for  
P-12010 / P-10010 only



**P-5210**  
Compact type Hydraulic Shearing machine  
with Special window Hold-down & Oil lubricator (optional)



**P-12014**  
Compact type Hydraulic Shearing machine  
with Pneumatic Sheet supporter & M15s NC motorized back gauge (opt.)

# CONTROLLERS



## Control Cabinet

Electric cabinet with buttons

- Control cabinet with buttons
- Main power on/off switch
- Rake angle adjustment button
- Emergency stop button



## MIKRA

M15S NC Controller

- 1-Axis control system
- 6 programs available, 16 bending steps each.
- Single / Manual / Program modes
- 800 mm motorized back gauge



## FATEK

Touch Screen NC Controller

- 7" Touch screen display
- Taiwan brand 2-Axis NC control system
- Blade gap clearance NC control adjustment
- 800 mm motorized back gauge
- Programmable functions - 50 programs available
- FINTEK Special designed Graphical interface
- Multiple languages available

STANDARD

OPTIONAL

OPTIONAL

# SPECIFICATION

SPEC	MODEL	UNIT	P-5214	P-5210	P-6014	P-6010	P-8014	P-8010
Max. Cutting Length		mm	1320 / 52"		1550 / 60"		2050 / 80"	
Max. Cutting Thickness - Mild Steel		mm	2.0 / 14 GA	3.5 / 10 GA	2.0 / 14 GA	3.5 / 10 GA	2.0 / 14 GA	3.5 / 10 GA
Max. Cutting Thickness - Stainless Steel		mm	1.2 / 18 GA	2.3 / 13 GA	1.2 / 18 GA	2.3 / 13 GA	1.2 / 18 GA	2.3 / 13 GA
Strokes per Minute		s.p.m	35	28	30	26	26	24
Hold-down		-	Mechanical		Mechanical		Mechanical	
Front Gauge		mm	600 / 24"		600 / 24"		600 / 24"	
Back Gauge		mm	600 / 24"		600 / 24"		600 / 24"	
Cutting Rake Angle		degree	1°40'		1°40'		1°40'	
Motor		HP	3.0	5.0	3.0	5.0	3.0	5.0
Oil Tank		L	64	66	64	66	64	66
Packing Dimension		mm	1920 x 850 x 1360	1920 x 900 x 1450	2160 x 900 x 1350	2160 x 900 x 1450	2700 x 950 x 1400	2700 x 950 x 1450
Packing Weight		kgs	780	1200	1000	1390	1170	1730

SPEC	MODEL	UNIT	P-10014	P-10010	P-12014	P-12010
Max. Cutting Length		mm	2540 / 100"		3100 / 122"	
Max. Cutting Thickness - Mild Steel		mm	2.0 / 14 GA	3.5 / 10 GA	2.0 / 14 GA	3.5 / 10 GA
Max. Cutting Thickness - Stainless Steel		mm	1.2 / 18 GA	2.3 / 13 GA	1.2 / 18 GA	2.3 / 13 GA
Strokes per Minute		s.p.m	22	22	20	20
Hold-down		-	Mechanical	Hydraulic	Mechanical	Hydraulic
Front Gauge		mm	600 / 24"		600 / 24"	
Back Gauge		mm	600 / 24"		600 / 24"	
Cutting Rake Angle		degree	2°		2°	
Motor		HP	5.0	7.5	5.0	7.5
Oil Tank		L	81	97	81	97
Packing Dimension		mm	3150 x 1000 x 1500	3270 x 1000 x 1500	3820 x 1100 x 1500	3820 x 1100 x 1500
Packing Weight		kgs	2230	2700	2800	3200

# EQUIPMENTS



## Mechanical Hold-down

- Mechanical hold-down with finger guard
- Except P-10010 / P-12010

STANDARD



## Table with Side Gauge

- 600 mm side gauge on table
- Metric / Imperial unit options available
- Extendable to 1250 / 1500 / 2000 mm
- Polished front feeding table

STANDARD



## Manual Back Gauge

- 600 mm hand-wheel manual back gauge
- Metric / Imperial unit options available

STANDARD



## Angle Gauge

- Angle gauge for angle plate cutting

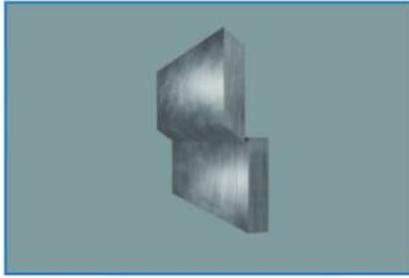
OPTIONAL



## Hydraulic Hold-down

- Hydraulic hold-down with finger guard
- Available for P-10010/P-12010

STANDARD



## High-quality Alloy Blade

- High carbon, chrome alloy-tool steel blades
- 2-edge upper & 4-edge bottom blade
- 2-edge upper & 2-edge bottom blade for P-5214

STANDARD



## Motorized back gauge

- 800 mm motorized back gauge
- Controlled by NC controller

OPTIONAL



## Rear Sheet Supporter

- Pneumatic sheet supporter
- For thin plate cutting support
- On / Off switchable

OPTIONAL



## Viewing Window Hold-down

- Hold-down with transparent window
- Easy to align cutting position

OPTIONAL



## Front Support Arm

- 600 mm front support arm
- Extendable to 1250 / 1500 / 2000 mm
- Except P-12010 models

STANDARD



## CE Conformity machine

- CE certified electrical components
- Rear guard with safety sensor barrier

OPTIONAL



## Extend Side Gauge

- 1000 / 1250 / 1500 mm side gauge with base

OPTIONAL

# Foot Shear / Air Shear

Foot manual shear / Air power shear

# F/A



**F-5216**  
Foot Shear



**A-5216**  
Air-power Shear

## Equipments



### Compact Back gauge

- 600 mm manual back gauge
- Metric / Imperial unit options available



### Foot Cutting Pedal

- Foot pedal with spring for F-5216
- 600 mm front support arm



### Pneumatic Power system

- Pneumatic system for A-5216

STANDARD

STANDARD

STANDARD

## SPECIFICATION

SPEC	MODEL	UNIT	F-5216	A-5216
Max. Cutting Length		mm	1320 / 52"	
Max. Cutting Thickness - Mild Steel		mm	1.6 / 16 GA	1.6 / 16 GA
Max. Cutting Thickness - Stainless Steel		mm	0.9 / 20 GA	0.9 / 20 GA
Strokes per Minute		s.p.m	-	20
Hold-down		-	Mechanical	
Front Gauge		mm	600 / 24"	
Back Gauge		mm	600 / 24"	
Cutting Rake Angle		degree	1°40'	
Power		-	Foot manual	Air power
Packing Dimension		mm	1700 x 770 x 1350	1920 x 850 x 1360
Packing Weight		kgs	430	720



### High Quality Blade

- 2-edge upper blade, 2-edge lower blade
- High grade, high carbon Alloy-steel blades

STANDARD



# Electric Shear

## NC Mechanical shear



### E-12014

Electric Shear with M15s NC power back gauge  
Front & Rear Blanking device

## Front-drop view



Front Blanking for short & small workpieces to drop in the front of the machine



Front cut pieces collecting device for user to easily collect the workpieces in the front



### Front / Rear blanking system

Pneumatic switch for user to switch front or rear drop mode.

## Rear-drop view



Rear Blanking for long width workpieces to drop in the back of the machine

## MAIN FEATURES



### Hold-down & Front Table

- Special window viewing hold-down
- 600 mm side gauge with scale
- Polish front feeding table
- Sensor barrier safety finger guard
- 1000 mm retractable front support arm

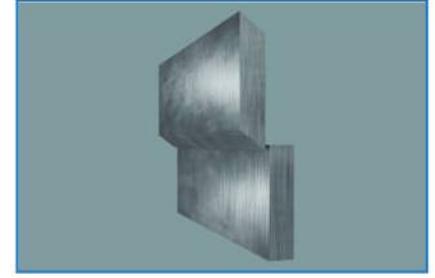
STANDARD



### Motorized back gauge

- 800 mm motorized Power back gauge
- Pneumatic Sheet supporter for thin plate
- Operated by NC control system
- Metric / Imperial unit options available
- Front & Rear drop modes

STANDARD



### High-quality Alloy Blade

- High carbon, chrome alloy-tool steel blades
- 2-edge upper blade & 4-edge bottom blade
- Long product longevity

STANDARD

## CONTROLLERS



### MIKRA M15S NC Controller

- 1-Axis NC controller - 800 mm motorized back gauge
- 6 programs available, 16 bending steps each.
- Single / Manual / Program modes

STANDARD



### FATEK Touch Screen NC Controller

- 7" Touch screen display
- Blade gap clearance NC control adjustment
- 800 mm motorized back gauge
- Programmable functions - 50 programs available
- Multiple languages available

OPTIONAL



### CE Conformity Machine

- Rear safety guard with sensor barriers
- CE certified electrical components

OPTIONAL

## SPECIFICATION

SPEC	MODEL	UNIT	E-10014	E-12014
Max. Cutting Length		mm	2540 / 100"	3100 / 120"
Max. Cutting Thickness - Mild Steel		mm	2.0 / 14 GA	2.0 / 14 GA
Max. Cutting Thickness - Stainless Steel		mm	1.2 / 18 GA	1.2 / 18 GA
Stroke per Minute		S.P.M	26	26
Cutting Angle		degree	2°	2°
Front Support Arm		mm	600 / 24"	600 / 24"
Motorized Back Gauge		mm	800 / 31"	800 / 31"
Motor		HP	5.0	5.0
Packing Dimension		mm	3150 x 1100 x 1500	3820 x 1100 x 1500
Packing Weight		kgs	2450	3050

**FINTEK**

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# ROLLING

SHEET METAL MACHINERY



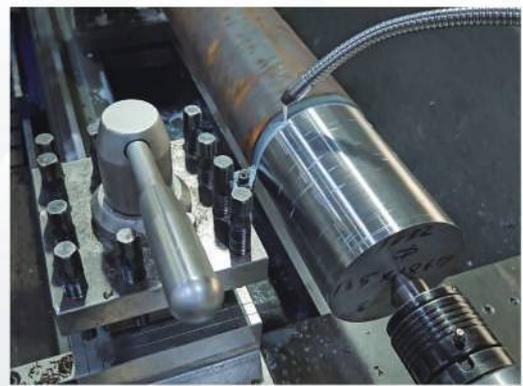


## From 0 to 100%, Made in TAIWAN



### High Grade Materials

- High grade alloy steels rolls
- Hardness HRC 52-55



### Self-production Rolls

- All rolls machining process done by FINTEK factory
- Quality and modification controllable
- Customized wire grooves on request
- Polished rolls surface



### Experienced Production

- Machines are assembled by experienced technician
- Modular assembling line
- High yield rate & great efficiency



### Completed Line-Up

- Hydraulic, Manual, Power models on request
- 3-Roll, 4-Roll, Heavy, Slight models all included

# ROLLING TECHNOLOGY

R



**R-5016E**  
Power Rolling machine

**Workshop / DIY / Self-production Application**

**Bending Thickness:** 0.8 ~ 1.6 mm



**Working Length:** 610 ~ 1270 mm



PR



**PR-0465H**  
Hydraulic Rolling machine

**Workshop / DIY / Self-production Application**

**Bending Thickness:** 2.0 ~ 8.0 mm



**Working Length:** 1270 ~ 2540 mm



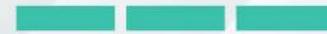
4R



**4R-0660**  
4-Roll Hydraulic Rolling machine

**Industrial / Heavy material Application**

**Bending Thickness:** 6.0 ~ 10.0 mm



**Working Length:** 1550 ~ 3050 mm



HR



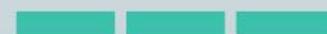
**HR-0610**  
Heavy-Duty Hydraulic Rolling machine

**Industrial / Heavy material Application**

**Bending Thickness:** 4.5 ~ 16.0 mm



**Working Length:** 1550 ~ 3050 mm



**PR**

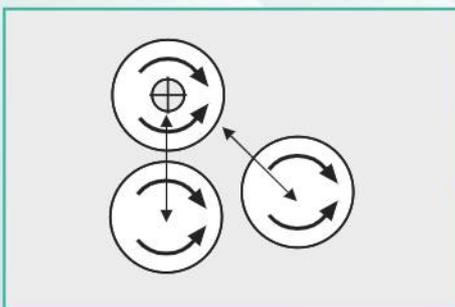
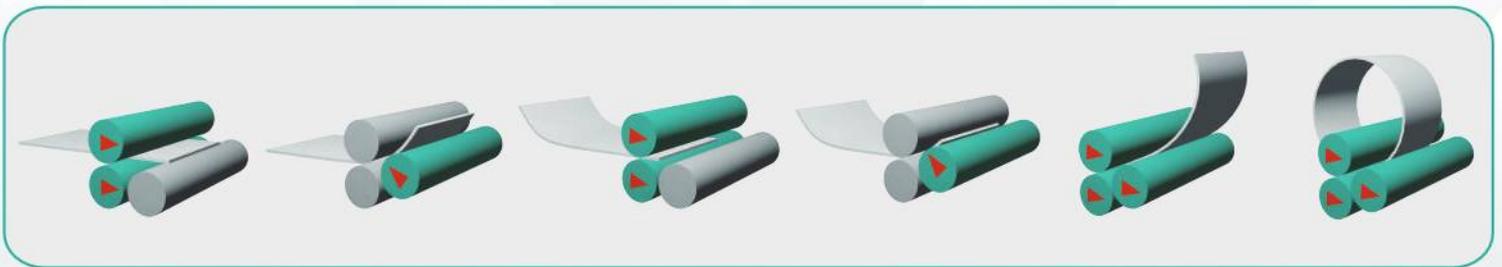
# Initial-Pinch Bending Roll

Hydraulic Single-pinch Rolling machine



**PR-0465H**  
Hydraulic Rolling machine

## MAIN FEATURES



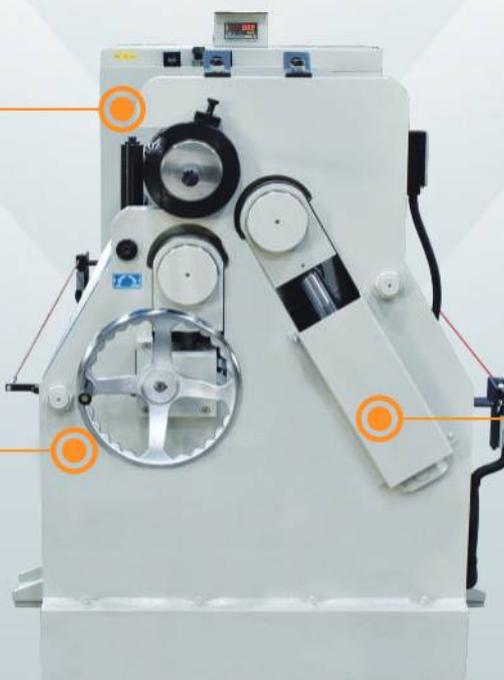
3 rolls driven by the hydraulic system



Portable foot pedal controller



Hand-wheel manual adjustment lower roll



Hydraulic adjustment pinch roll

**PR-0650H**  
Hydraulic Rolling machine



**PR-0425H**  
Hydraulic Rolling machine



Cone bending attachment (opt.)



**PR-0535H**  
Hydraulic Rolling machine with cone attachment (opt.)

## SPECIFICATION

SPEC	Max. Bending Length	Max. Bending Thickness	Roll Diameter	Motor	Roll Speed	Min. Workpiece Diameter	Max. Workpiece Diameter	Packing Dimension	Packing Weight
MODEL	mm	mm	mm	HP	m / min	mm	mm	mm	kgs
PR-0425H	1270 / 4 ft	2.5 / 12 GA	95	1.5	3.6	133	760	2150 x 850 x 1350	690
PR-0440H	1300 / 4 ft	4.0 / 9 GA	120	2.0	2.6	168	960	2500 x 1000 x 1450	1250
PR-0465H		6.5 / 3 GA	150	3.0	2.2	210	1200	2500 x 1100 x 1500	1630
PR-0480H		8.0	180	5.0	2.37	252	1440	2500 x 1200 x 1570	2210
PR-0520H	1550 / 5 ft	2.0 / 14 GA	95	1.5	3.6	133	760	2350 x 850 x 1350	765
PR-0535H		3.5 / 10 GA	120	2.0	2.6	168	960	2700 x 1000 x 1450	1350
PR-0545H		4.5 / 8 GA	150	3.0	2.2	210	1200	2700 x 1100 x 1500	1790
PR-0570H		7.0	180	5.0	2.37	252	1440	2750 x 1200 x 1570	2375
PR-0625H	2050 / 6 ft	2.5 / 12 GA	120	2.0	2.6	168	960	3200 x 1000 x 1450	1580
PR-0640H		4.0 / 9 GA	150	3.0	2.2	210	1200	3200 x 1100 x 1500	2080
PR-0650H		5.0 / 6 GA	180	5.0	2.37	252	1440	3250 x 1200 x 1570	2800
PR-0830H	2540 / 8 ft	3.0 / 11 GA	150	3.0	2.2	210	1200	3750 x 1100 x 1500	2400

# EQUIPMENTS



## Digital Read Out

- For display the pinch roll position
- Pinch roll position reset on request

STANDARD



## Top Roll Drop End

- Take out finished workpiece easily
- Manually open by handle bar
- Lock pin to fix the top roll

STANDARD



## Foot pedal controller

- Portable foot pedal controller
- Rolls rotation forward & reverse
- Pinch Roll Up & Down

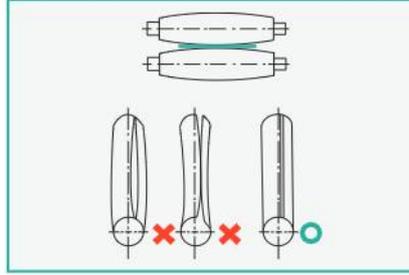
STANDARD



## Cone Attachment

- Attachment for cone bending
- Use with side up & down buttons

OPTIONAL



## Rolls Camber Design

- For perfect round shape bending

STANDARD



## Single Side Up & Down

- Buttons for pinch roll single side up & down
- For cone bending operation

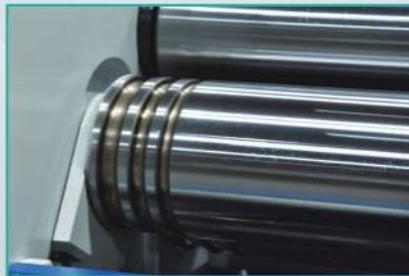
STANDARD



## Planetary Gear & Pump

- High efficiency motor
- Planetary reduction gear & pump

STANDARD



## Wire Grooves

- Wire grooves for wire bending
- Groove size customize on request
- Standard for PR-0425H & PR-0520H

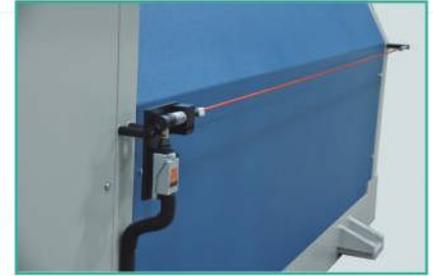
OPTIONAL



## High Quality Rolls

- All rolls made of top-grade alloy steel
- Rolls are hardened up to HRC 52-55

STANDARD



## Emergency Stop Device

- Touch rope to stop machines immediately
- Equipped on both sides of machine

STANDARD



## CE Conformity machine

- CE certified electrical components

OPTIONAL



## Wireless Remote Control

- Wireless remote control unit
- Replacement for foot pedal controller

OPTIONAL

# R

# Manual & Power Slip Roll

## Manual & Power Rolling machine



**R-5016E**  
Table type manual slip roll



**R-5016**  
Table type manual slip roll



**R-2420**  
Table type manual slip roll

## SPECIFICATION

SPEC	Max. Bending Length	Max. Bending Thickness	Roll Diameter	Motor	Roll Speed	Min. Workpiece Diameter	Gear Ratio	Packing Dimension	Packing Weight
MODEL	mm	mm	mm	HP	rpm	mm	mm	mm	kgs
UNIT	mm	mm	mm	HP	rpm	mm	mm	mm	kgs
R-2420	610 / 24 inch	1.0 / 20 GA	50	Manual	-	70	1:1	1000 x 480 x 510	75
R-3622	915 / 36 inch	0.8 / 22 GA	50	Manual	-	70	1:1	1350 x 480 x 510	105
R-5016	1270 / 50 inch	1.6 / 16 GA	75	Manual	-	105	3:1	1760 x 480 x 630	270
R-2420E	610 / 24 inch	1.0 / 20 GA	50	0.5	38	70	-	1030 x 600 x 1100	175
R-3622E	915 / 36 inch	0.8 / 22 GA	50	0.5	38	70	-	1350 x 600 x 1100	200
R-5016E	1270 / 50 inch	1.6 / 16 GA	75	1.0	16	105	-	1850 x 600 x 1150	395

## EQUIPMENTS



### High Grade Rolls

- 3-rolls made of polished
- High grade carbon steel
- Rolls were driven by gears
- 3 wire grooves are standard

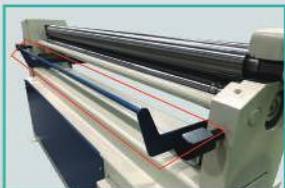
STANDARD



### Single Phase Motor

- Single phase motor for power models

OPTIONAL



### Emergency Stop Device

- For power models only

STANDARD



### Cone Attachment

- Attachment for cone bending

OPTIONAL



### Foot Pedal / Crank Handles

- Foot pedal for power models
- Crank Handles for manual models

STANDARD



### Floor Stand

- Floor stand for manual models

OPTIONAL

# 4R

## 4-Rolls Plate Bending Roll

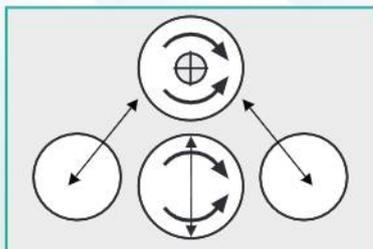
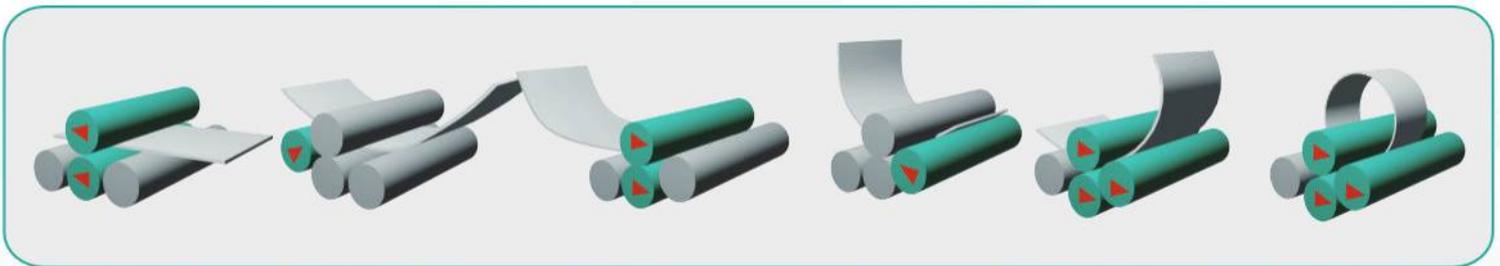
### Hydraulic 4-Rolls Rolling machine



**4R-0560H**

Hydraulic 4-Rolls rolling machine

### MAIN FEATURES



4 rolls are driven by hydraulic system



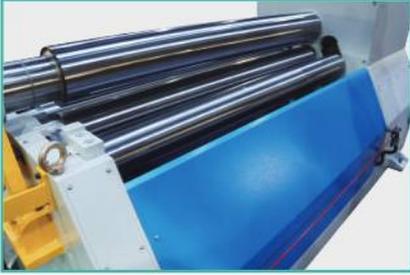
**4R-0660H**

Hydraulic 4-Rolls rolling machine

### SPECIFICATION

SPEC	MODEL	UNIT	4R-0560H	4R-0660H	4R-0860H	4R-1060H
Max. Bending Length		mm	1550 / 5 ft	2050 / 6 ft	2550 / 8 ft	3050 / 10 ft
Work piece Diameter = Top roll Ø x 5	Bending Thickness	mm	10.0	10.0	10.0	10.0
	Pre-Bend Thickness	mm	8.0	8.0	8.0	8.0
Work piece Diameter = Top roll Ø x 1.5	Bending Thickness	mm	8.0	8.0	8.0	8.0
	Pre-Bend Thickness	mm	6.0	6.0	6.0	6.0
Central Roll (Top Roll) Diameter		mm	190	220	240	260
Bottom Roll Diameter		mm	170	200	210	230
Side Roll Diameter		mm	150	180	190	210
Motor		HP	7.5	7.5	10.0	10.0
Roll Speed		m/mIn	3.2	3.2	3.0	3.0
Packing Dimension		mm	3000 x 1270 x 1370	4120 x 1640 x 1700	4620 x 1670 x 1750	5000 x 1600 x 1700
Packing Weight		kgs	3800	5650	6450	7300

# EQUIPMENTS



## Top Roll & Bottom Roll

- Hydraulic powered Top & Bottom rolls
- Synchronized rotation

STANDARD



## Hydraulic Drop End

- Hydraulic powered drop end
- Safety railing of the outboard end

STANDARD



## Mobile Control Panel

- Digital Read Out for rolls position
- Rolls rotation forward & reverse
- Pinch & Bottom rolls Up & Down

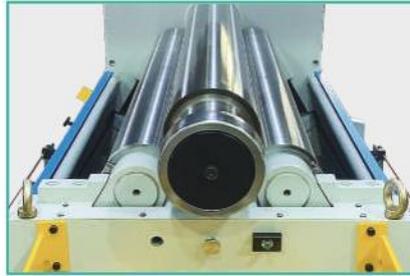
STANDARD



## CE Conformity machine

- CE certified electrical components

OPTIONAL



## Double Pinch Rolls

- Hydraulic powered pinch rolls (side rolls)
- Single side up & down movement available

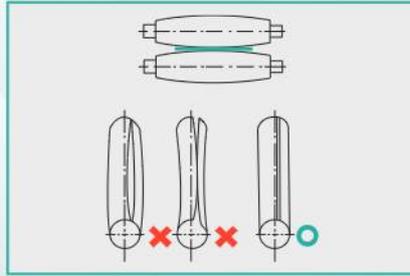
STANDARD



## Hydraulic Power adjuster

- Hydraulic clamping force adjustment
- Adjustment depends on material thickness

STANDARD



## Rolls Camber Design

- For perfect round shape bending

STANDARD



## Infinitely Variable Rotation

- Infinitely speed rotation system

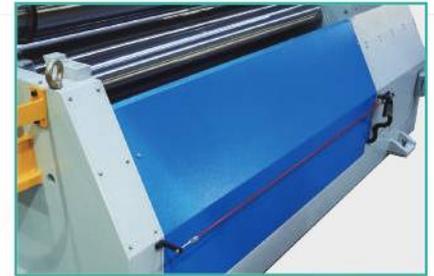
OPTIONAL



## High Quality Rolls

- All rolls made of top-grade alloy steel
- Rolls are hardened up to HRC 52-55

STANDARD



## Emergency Stop Device

- Touch rope to stop machines immediately
- Equipped on both sides of machine

STANDARD



## Cone Attachment

- Attachment for cone bending

OPTIONAL



## Wireless Remote Control

- Wireless remote control unit
- Replacement for foot pedal controller

OPTIONAL

# HR

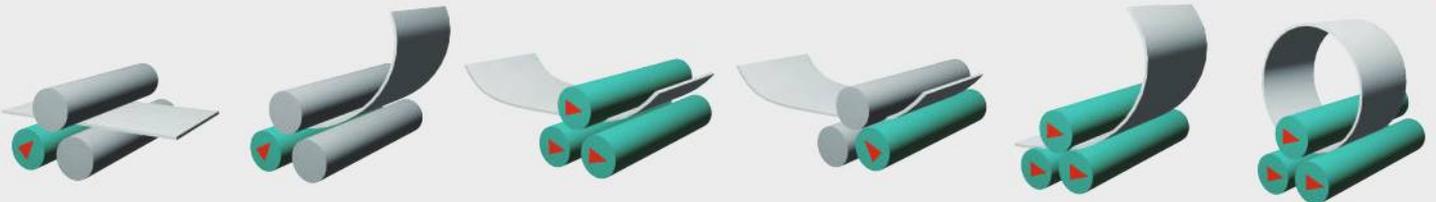
## Double-Pinch Plate Bending Roll Hydraulic Double-pinch Rolling machine



### HR-0813

Hydraulic double-pinch rolling machine

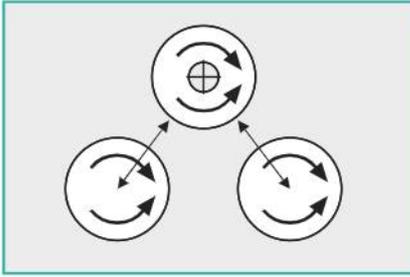
## MAIN FEATURES



## SPECIFICATION

SPEC	Max. Bending Length	Max. Bending Thickness	Roll Diameter	Motor	Roll Speed	Packing Dimension	Packing Weight
MODEL	mm	mm	mm	HP	m / min	mm	kgs
UNIT	mm	mm	mm	HP	m / min	mm	kgs
HR-0506	1550 / 5 ft	6.5	205	5.0	2.25	3920 x 1100 x 1560	3300
HR-0508		8.0	230	7.5	2.20	3920 x 1400 x 1740	4700
HR-0510		10.0	255	7.5	2.15	3920 x 1400 x 1750	5000
HR-0606	2050 / 6 ft	6.5	205	5.0	2.25	4020 x 1100 x 1600	3700
HR-0608		8.0	230	7.5	2.20	4420 x 1300 x 1750	4400
HR-0610		10.0	255	7.5	2.15	4420 x 1300 x 1740	5750
HR-0613		13.0	280	10.0	2.0	4620 x 1500 x 1940	7710
HR-0616		16.0	310	15.0	2.0	5400 x 1450 x 2230	11000
HR-0805	2550 / 8 ft	5.0	205	5.0	2.25	4620 x 1100 x 1620	4300
HR-0806		6.5	230	7.5	2.20	4920 x 1400 x 1750	5600
HR-0808		8.0	255	7.5	2.15	4920 x 1400 x 1750	6500
HR-0810		10.0	280	10.0	2.0	5020 x 1500 x 1940	9100
HR-0813		13.0	310	15.0	2.0	5920 x 1490 x 2300	12700
HR-1004	3050 / 10 ft	4.5	205	5.0	2.25	5320 x 1150 x 1650	4820
HR-1005		5.0	230	7.5	2.20	5420 x 1300 x 1750	6000
HR-1006		6.5	255	7.5	2.15	5420 x 1300 x 1750	7000
HR-1008		8.0	280	10.0	2.0	5720 x 1520 x 1970	10200
HR-1010		10.0	310	15.0	2.0	5520 x 1600 x 2050	15400

# EQUIPMENTS



## Hydraulic Powered Rolls

- 3-rolls are driven hydraulically & independently
- Double-pinch rolls (side rolls)

STANDARD



## Hydraulic Drop End

- Hydraulic powered drop end
- Safety railing of the outboard end

STANDARD



## Planetary Gear & Pump

- High efficiency motor
- Planetary reduction gear & pump

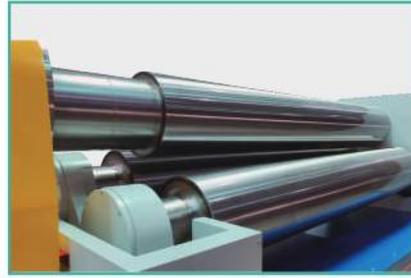
STANDARD



## Infinitely Variable Rotation

- Infinitely speed rotation system

OPTIONAL



## Double Pinch Rolls

- Hydraulic powered pinch rolls (side rolls)
- Single side up & down movement available

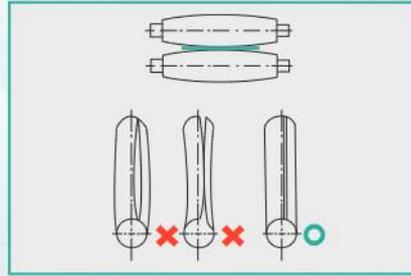
STANDARD



## Mobile Control Panel

- Digital Read Out for rolls position
- Rolls rotation forward & reverse
- Pinch & Bottom rolls Up & Down

STANDARD



## Rolls Camber Design

- For perfect round shape bending

STANDARD



## Wireless Remote Control

- Wireless remote control unit
- Replacement for foot pedal controller

OPTIONAL



## High Quality Rolls

- All rolls made of top-grade alloy steel
- Rolls are hardened up to HRC 52-55

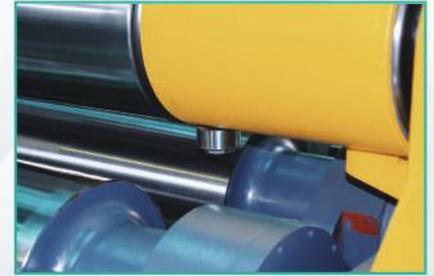
STANDARD



## Emergency Stop Device

- Touch rope to stop machines immediately
- Equipped on both sides of machine

STANDARD



## Cone Attachment

- Attachment for cone bending

OPTIONAL



## CE Conformity machine

- CE certified electrical components

OPTIONAL



# Press Brake

Sheet Metal Forming Solution



[www.fintekwell.com](http://www.fintekwell.com)

**30 - 45 TON**



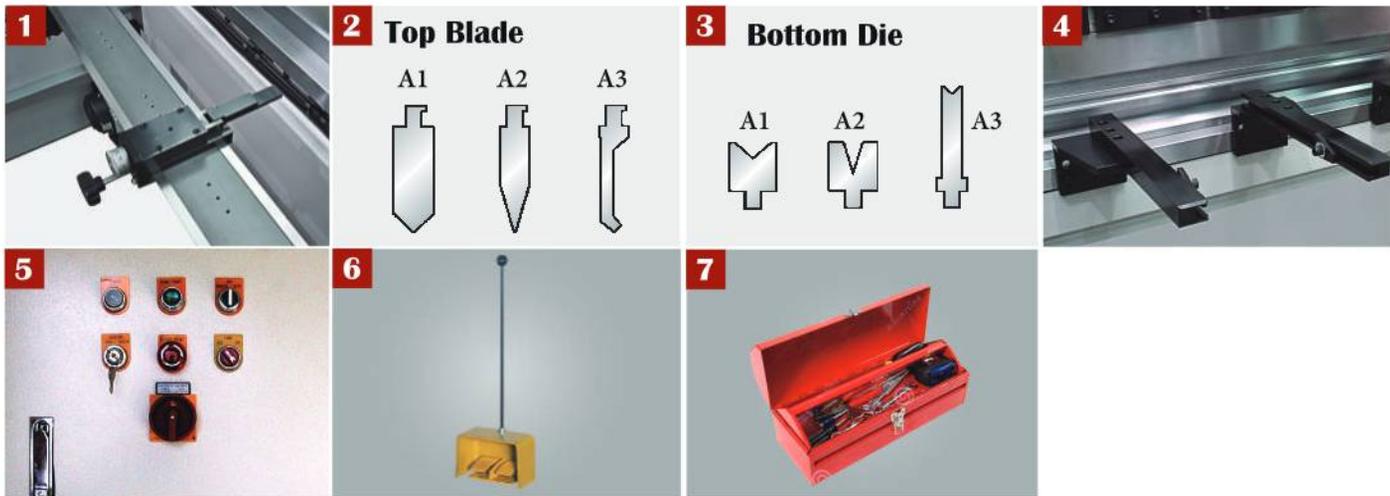
**PB-4515NC**

**HYDRAULIC PRESS BRAKE**

MODEL	PB-3012	PB-3015	PB-3020	PB-4515
Bending Length Capacity	1270 mm	1550 mm	2000 mm	1550 mm
Maximum Pressure	30 Ton	30 Ton	30 Ton	45 Ton
Bending Thickness	2.5mm	2.0mm	1.5mm	3.0mm
Distance Between Housings	970mm	1250mm	1550mm	1250mm
Ram Stroke	150 mm	150 mm	150 mm	150 mm
Table Width	Bottom Die Holder	Bottom Die Holder	Bottom Die Holder	Bottom Die Holder
Distance between Table/Ram surface	250 mm	250 mm	250 mm	250 mm
Oil Tank	20 Gallon	24 Gallon	24 Gallon	28 Gallon
Main Motor	3 HP	3 HP	3 HP	5 HP
Approach Speed	80 mm/sec.	80 mm/sec.	80 mm/sec.	80 mm/sec.
Bending Speed	7 mm/sec.	7 mm/sec.	7 mm/sec.	7 mm/sec.
Return Speed	60 mm/sec.	60 mm/sec.	60 mm/sec.	60 mm/sec.
Power Back Gauge	600mm	600mm	600mm	600mm
Back Gauge Motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Throat Depth	200mm	200mm	200mm	200mm
Gross Weight	1200 kgs	1500 kgs	2400 kgs	2800 kgs
Packing Size	1400 x 1200 x 2050 mm	1700 x 1200 x 2050 mm	2300 x 1200 x 2050 mm	1900 x 1300 x 2200 mm

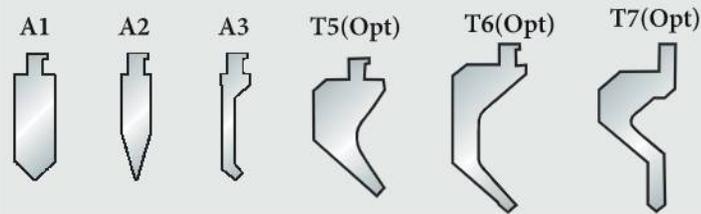
· All specifications & design are subject to change without prior notice.

## STANDARD ACCESSORIES

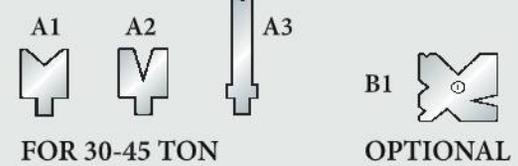


### A WIDE VARIETY OF STANDARD TOOLING

#### Top Blade



#### Bottom Die



- 1 Manual back gauge micro adjustor.
- 2 One top blade. (see standard tooling chart A1-3)
- 3 One bottom blade. (see standard tooling chart A1-3)
- 4 Front supporting arm.
- 5 Control panel with low voltage switches / buttons.
- 6 Foot switch w / safety protection housing.
- 7 Tool box w / maintenance tools and leveling pads.

## ACCESSORIES for 30-45 ton

## OPTIONAL ACCESSORIES



- A Power bending angle setting device. (Optional for PB-3012/3015/3020/4515)
- B Power ballscrew back gauge w/counter display and frontal control.
- C 2 Axes (Depth & Length Axis) NC control system.
- D Bottom-die/table hydraulic crowning auto compensation.
- E 4-face bottom die for PB-3012/3015/3020/4515 (Multi-size v-slot design).
- F Safety sensor protection system.
- G Deeper throat.
- H Special blade and die.
- I Power grease injecting system.

**60 - 80 TON**



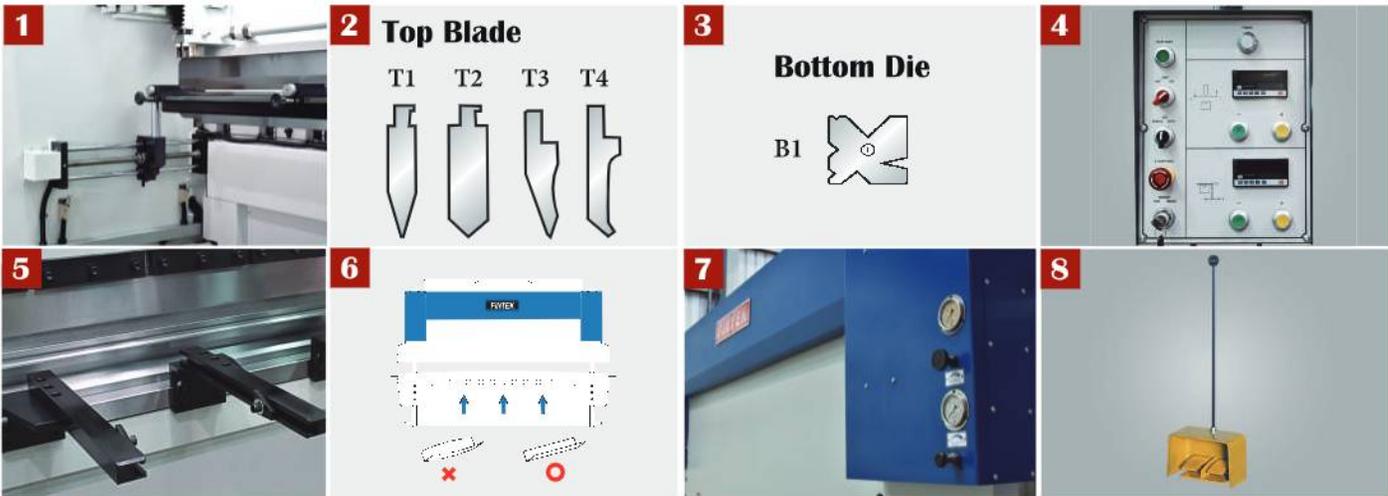
**PB-6032NC**

## HYDRAULIC PRESS BRAKE

MODEL	PB-6020	PB-6026	PB-6032	PB-8020	PB-8026	PB-8032
Bending Length Capacity	2000 mm	2600 mm	3200 mm	2000 mm	2600 mm	3200 mm
Maximum Pressure	60 Ton	60 Ton	60 Ton	80 Ton	80 Ton	80 Ton
Bending Thickness	4.0mm	3.2mm	2.5mm	5.0mm	4.0mm	3.2mm
Distance Between Housings	1550mm	2100mm	2600mm	1550mm	2100mm	2600mm
Ram Stroke	150 mm					
Table Width	160 mm					
Distance between Table/Ram surface	300 mm					
Oil Tank	35 Gallon					
Main Motor	7.5 HP	7.5 HP	7.5 HP	10 HP	10 HP	10 HP
Approach Speed	80 mm/sec.					
Bending Speed	7 mm/sec.	7 mm/sec.	7 mm/sec.	6 mm/sec.	6 mm/sec.	6 mm/sec.
Return Speed	60 mm/sec.					
Power Back Gauge	600mm	600mm	600mm	600mm	600mm	600mm
Back Gauge Motor	1/2 HP					
Throat Depth	200mm	200mm	200mm	200mm	200mm	200mm
Gross Weight	3500 kgs	4000 kgs	4500 kgs	4000 kgs	5000 kgs	5600 kgs
Packing Size	2300 x 1550 x 2400 mm	2900 x 1550 x 2430 mm	3500 x 1550 x 2450 mm	2400 x 1600 x 2400 mm	3000 x 1600 x 2430 mm	3600 x 1600 x 2450 mm

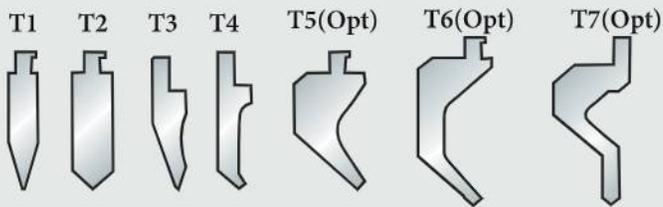
· All specifications & design are subject to change without prior notice.

## STANDARD ACCESSORIES



### A WIDE VARIETY OF STANDARD TOOLING

#### Top Blade



#### Bottom Die



- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>① Power ballscrew back gauge w/counter display and frontal control.</li> <li>② One top blade.(see standard tooling chart)</li> <li>③ One bottom die.(see standard tooling chart)</li> <li>④ Powered bending angle setting device.</li> <li>⑤ Front support arm.</li> </ul> | <ul style="list-style-type: none"> <li>⑥ Bottom-die/ table hydraulic crowning auto compensation.</li> <li>⑦ Main bending forces and table crowning forces easy adjusted at front.</li> <li>⑧ Foot switch w/safety protection housing.</li> <li>⑨ Tool box w/maintenance tools and leveling pads.</li> </ul> |
|---|---|

## ACCESSORIES for 60-80 ton

## OPTIONAL ACCESSORIES



- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Ⓐ Customized top blade.</li> <li>Ⓑ 2 axes (depth &amp; length axis) NC control system.</li> <li>Ⓒ Safety sensor protection system.</li> </ul> | <ul style="list-style-type: none"> <li>Ⓓ Deeper throat.</li> <li>Ⓔ Special blade and die.</li> <li>Ⓕ Power grease injecting system.</li> </ul> |
|--|--|

# 110 - 220 TON



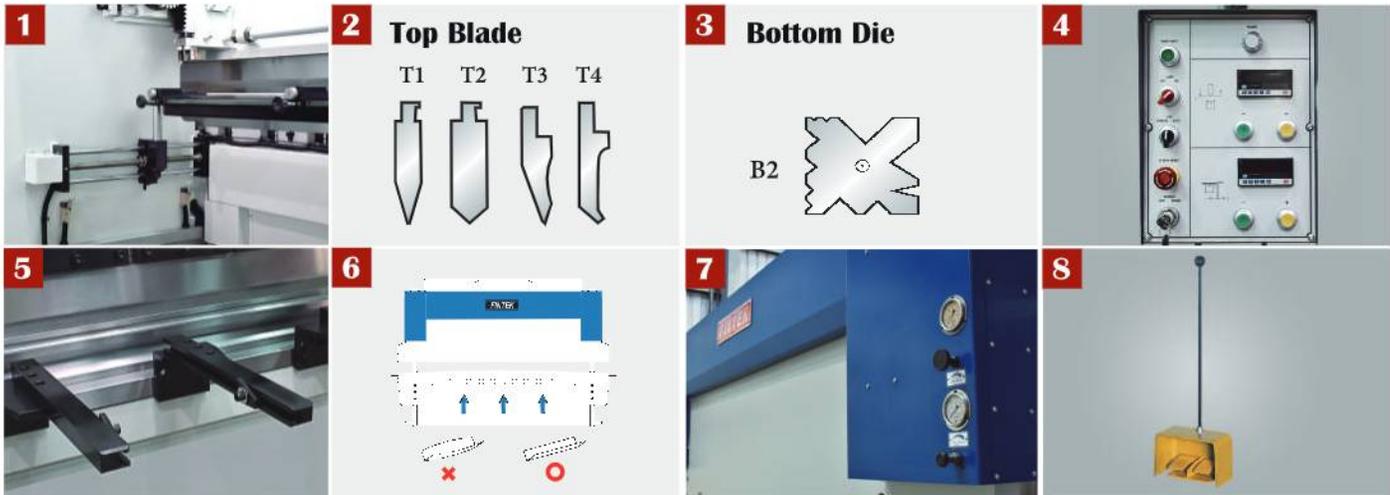
**PB-22040**

## HYDRAULIC PRESS BRAKE

MODEL	PB-11026	PB-11032	PB-11040	PB-16026	PB-16032	PB-16040	PB-22026	PB-22032	PB-22040
Bending Length Capacity	2600 mm	3200 mm	4000 mm	2000 mm	3200 mm	4000 mm	2600 mm	3200 mm	4000 mm
Maximum Pressure	110 Ton	110 Ton	110 Ton	160 Ton	160 Ton	160 Ton	220 Ton	220 Ton	220 Ton
Bending Thickness	4.5mm	3.5mm	2.5mm	6.5mm	5.0mm	4.3mm	9.0mm	8.0mm	6.5mm
Distance Between Housings	2100mm	2600mm	3400mm	2100mm	2550mm	3350mm	2100mm	2500mm	3300mm
Ram Stroke	200 mm								
Table Width	200 mm								
Distance between Table/Ram surface	350 mm	350 mm	350 mm	400 mm					
Oil Tank	55 Gallon	55 Gallon	55 Gallon	80 Gallon	80 Gallon	80 Gallon	100 Gallon	100 Gallon	100 Gallon
Main Motor	10 HP	10 HP	10 HP	15 HP	15 HP	15 HP	20 HP	20 HP	20 HP
Approach Speed	80 mm/sec.								
Bending Speed	6 mm/sec.								
Return Speed	60 mm/sec.								
Power Back Gauge	600mm								
Back Gauge Motor	1/2 HP								
Throat Depth	250mm								
Gross Weight	6200 kgs	7000 kgs	9000 kgs	8000 kgs	10000 kgs	13000 kgs	11000 kgs	12000 kgs	15000 kgs
Packing Size	3050 x 1650 x 2500 mm	3650 x 1650 x 2550 mm	4450 x 1800 x 2600 mm	3050 x 1800 x 2650 mm	3650 x 1800 x 2700 mm	4500 x 1800 x 2800 mm	3100 x 1950 x 2900 mm	3700 x 2000 x 2950 mm	4500 x 1800 x 3200 mm

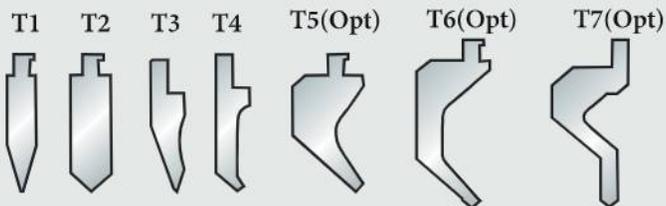
· All specifications & design are subject to change without prior notice.

## STANDARD ACCESSORIES



### A WIDE VARIETY OF STANDARD TOOLING

#### Top Blade



#### Bottom Die



FOR 110-220 TON

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1 Power ballscrew back gauge w/counter display and frontal control</li> <li>2 One top blade. (see standard tooling chart)</li> <li>3 One bottom die. (see standard tooling chart)</li> <li>4 Powered bending angle setting device.</li> <li>5 Front support arm.</li> </ul> | <ul style="list-style-type: none"> <li>6 Bottom-die / table hydraulic crowning auto compensation.</li> <li>7 Main bending forces and table crowning forces easy adjusted at front.</li> <li>8 Foot switch w/ safety protection housing.</li> <li>9 Tool box w / maintenance tools and leveling pads.</li> </ul> |
|--|---|

## ACCESSORIES for 110-220 ton

## OPTIONAL ACCESSORIES



- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>A Customized top blade.</li> <li>B 2 axes (depth &amp; length axis) NC control system.</li> <li>C Safety sensor protection system.</li> </ul> | <ul style="list-style-type: none"> <li>D Deeper throat.</li> <li>E Special blade and die.</li> <li>F Power grease injecting system.</li> </ul> |
|--|--|

## HYDRAULIC PRESS BRAKE FEATURE

### 1. OVERSIZED HYDRAULIC OIL TANK, HIGH PERFORMANCE PUMP

The big tank capacity and high performance pump increases oil flow smoothness and better oil cooling efficiency.

### 3. RIGID CONSTRUCTION

The entire machine frame is manufactured from high-tension steel plates, which has longer using years.

### 5. ACCURATE DEPTH OF BENDING

High accuracy depth positioning is controlled by mechanical stops inside cylinder, assuring accurate angle of bending at all times.

### 2. BLADE

One piece top blade.

One piece 4-face bottom die. (multi-size v-slot)

### 4. DEPENDABLE HYDRAULIC SYSTEM

High quality solenoid valves and two powerful cylinders, featuring powerful force output and stable motions.

Two-step downward speed design, which greatly shortens operating time.



### 6. HIGH ACCURACY NC CONTROLLER

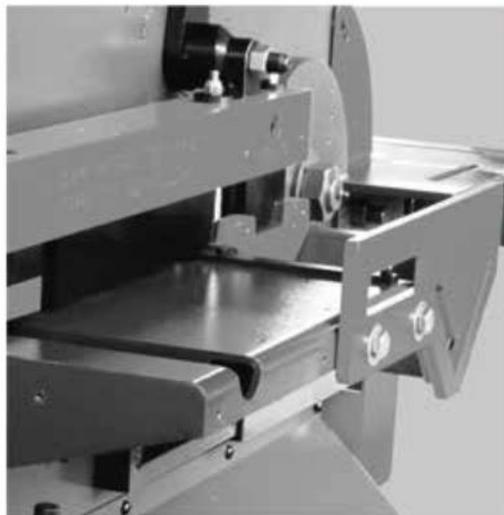
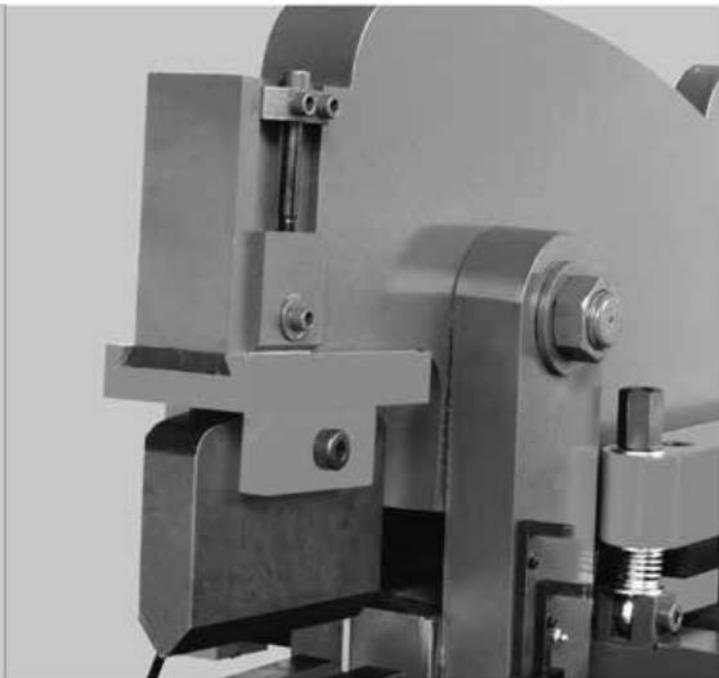
Two axes NC controller (Opt.), Automatic bending and back gauge with programmable function, more accuracy and efficiency.

### 7. POWER BACK GAUGE

The motorized back gauge is transmitted by high precision ball screw, tolerance is within  $\pm 0.1$  mm.

# *IRON WORKER*

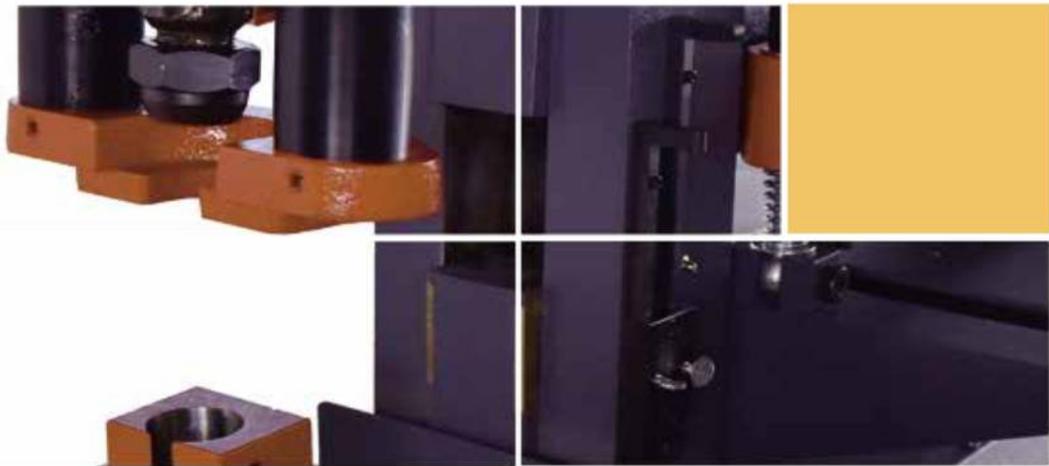
STURDY. STABLE. HIGH QUALITY



[www.fintekwell.com](http://www.fintekwell.com)



**FINTEK**'s *IRON WORKER* combines shearing, coping, punching, notching, and bending into one compact box. With replaceable tooling design and hydraulic powered are fused in its gene, you can break through barriers to regular-fabricate applications and discover a truly infinite possibility.



## Exclusive Feature

- Complete punching attachment with split dove - tail mounting.
- 14 punch and die sets for i-55T.
- 10 punch and dies sets for i-45T, i-100T.
- Bending attachment with split dove - tail mounting.
- Automatic urethane hold down on the punch stripper and on angle.
- Plate and bar shear.
- Set of round bar knives (2 way).
- Set of plate shear knives (4 way).
- Set of angle knives (8 way top) (4 way bottom).
- Set of coper knives (2 way top) (4 way bottom).
- Chip buckets (2 each).
- Coupling wrench &  $\frac{3}{8}$ " allen wrench.

# Specifications



	<b>i-100t</b>	<b>i-55t</b>	<b>i-45t</b>
<b>Throat depth</b>	12" (304 mm)	8" (203 mm)	5" (127 mm)
<b>Open height</b>	15 ½" (393 mm)	13 ½" (343 mm)	12 ¼" (311 mm)
<b>Closed height</b>	10 ¼" (260 mm)	9 ¼" (235 mm)	8 ¼" (210 mm)
<b>Stroke</b>	5 ¼" (133 mm)	4 ¼" (108 mm)	4" (101 mm)
<b>Table size</b>	14 ½" x 21" (368 mm x 533 mm)	10" x 17" (254 mm x 432 mm)	8" x 16 ½" (203 mm x 419 mm)
<b>Punch(short ton)</b>	100 Tons	55 Tons	45 Tons
<b>Hole size (max.material)</b>	1 ⅛", 28 mm ( 1", 25mm)	13/16", 20 mm( ¾", 19 mm)	1", 25 mm( ½", 12 mm)
<b>Max.hole(special tooling)</b>	5", 127 mm(3/16", 4 mm)	5", 127 mm(⅛", 3 mm)	1 ½", 38 mm(3/16", 4 mm)
<b>Plate shear</b>	20 ½" (520 mm) Long	15 ½" (393 mm) Long	13" (330mm) Long
<b>W/Fixed hold down</b>	1" x 12" (25 mm x 304 mm) ¾" x 18" (19 mm x 457 mm) ½" x 20" (12 mm x 508 mm)	1" x 4" (25 mm x 101 mm) ¾" x 10" (19 mm x 254 mm) ⅝" x 15" (15 mm x 381 mm)	⅝" x 6" (15 mm x 152 mm) ½" x 8" (12 mm x 203 mm) ¼" x 13" (6 mm x 330 mm)
<b>Angle shear</b>	6" x 6" x ⅝" (152 mm x 152 mm x 15 mm)	5" x 5" x ⅜" (127 mm x 127mm x 9.5 mm) W/ Fixed Hold Down 4"x 4" x ½" (101 mm x 101 mm x 12 mm)	3 ½" x 3 ½" x 5/16" (88 mm x 88 mm x 8 mm)
<b>Bar shear(Round)</b>	1 ¼" (31 mm)	1" (25 mm)	½" (12 mm)
<b>Coper-Notcher(Max.)</b>	4" x 6" x ⅜" (101mm x 152 mm x 9.5 mm)	2 ¾" x 4" x ¼" (69 mm x 101 mm x 6 mm)	2 ¼" x 3" x ¼" (57 mm x 76 mm x 6 mm)
<b>Bending Attach</b>	12" (304 mm)	8" (203 mm)	6" (152 mm)
<b>Punch end</b>			
<b>Stroke per Minute</b>	40@ ¾" (19 mm)	60@ ½" (12mm)	50@ ½" (12mm)
<b>Work Station Height</b>	43" (1092 mm)	43" (1092 mm)	43" (1092 mm)
<b>Fuel Capacity</b>	25 Gallons (100 Liters)	20 Gallons (80 Liters)	12 Gallons (48 Liters)
<b>Motor</b>	15 HP	10 HP	6.5 HP
<b>Dimensions</b>	35" x 90" x 66 ½" (889 mm x 2286 mm x 1689 mm)	24" x 66" x 60" (610 mm x 1676 mm x 1524mm)	24" x 55" x 58" (610 mm x 1397 mm x 1473 mm)
<b>Weight(Net)</b>	5642 LBS (2560 kg)	2600 LBS (1230 kg)	1100 LBS (1100 kg)

· All specifications & design are subject to change without prior price.



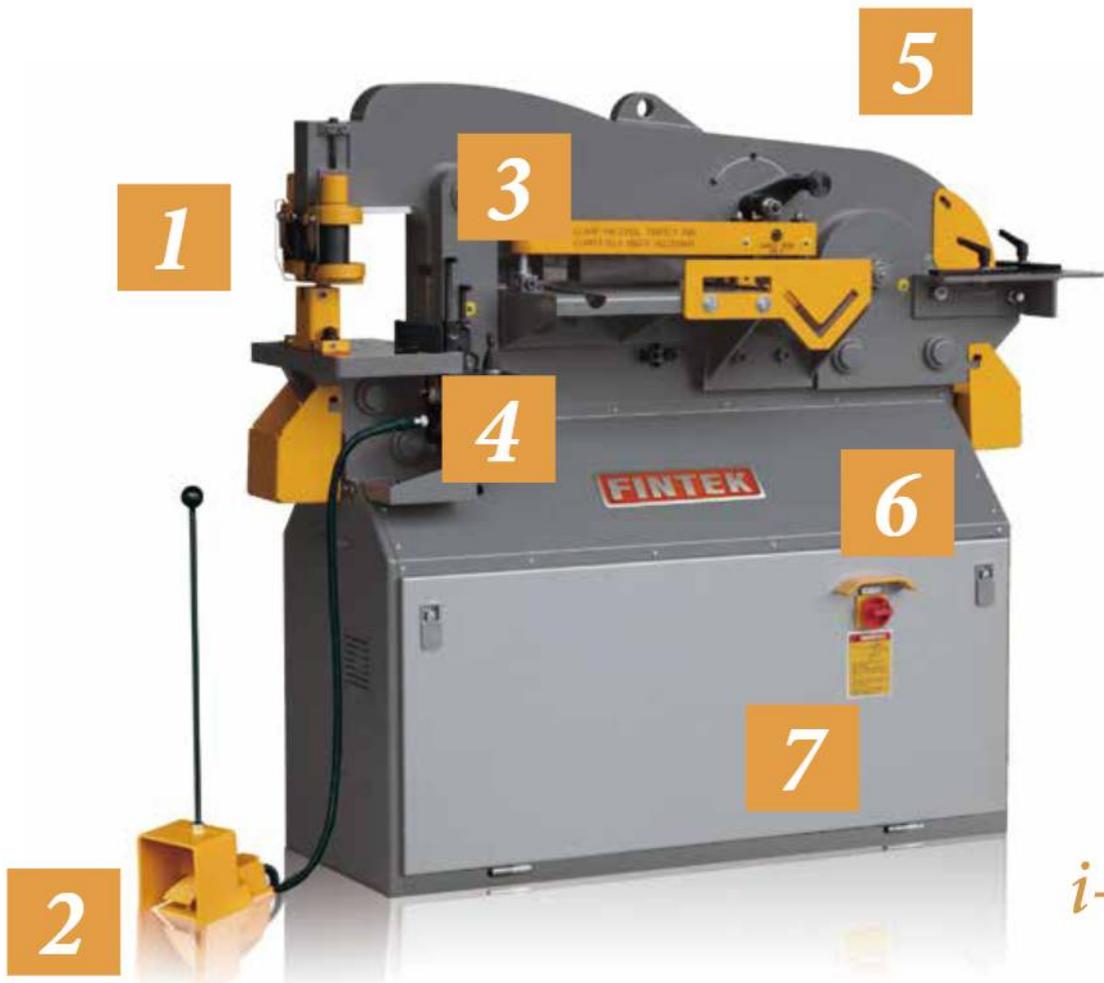
# Feature



## Quick-Release Punching-Die

1

- Simple: Effortless to fasten or loosen a screw.
- Fast: Changing different tools just within a minute.
- Infiniteness: The inherent changeability enables unlimited design and jobs.



*i-55t*

## 2 Foot-Switch-Control

- Extends the control: Using foot pedal allows hands fully concentrate on works.
- Control accessible: Connect-ports from both ends of the machine makes jobs conveniently perform.

## 3 Limit-Switch-Adjustment

- Range flexible: With wider range of stroke control is received, foot-switch-control can be more powerful.

## 4 Joy-Stick-Control (JOG mode only)



- Accessible design: Joy sticks from both the front and the rear expend huge flexibility.
- 5 positioning control: Intuitive adjust through speeds- fast/neutral/low & up/low.

## 5 Clamping-Thickness-Adjustment

- Arc-like switch: Intuitive control switching among three stages settings.
- To be fast or flexible: Either choosing usual-setting or seeking fine-tune are possible.



## 6 Auto Power Off Switch



- Safety Protection to users: Power shut-down while cabinet's door is being opened.

## 7 Heavy Duty Powerful Hydraulic System

- Strong force: Hydraulic system can perform jobs smoothly & stably.
- Protection to machine: Hydraulic system can also prevent damage from excessive workload and unsuitable work piece input.



## Standard Accessories



1. Punch attachment
2. Manual back gauge & Side guard
3. Fixed angle hold down (for i-55T only)
4. Bending attachment
5. Attached oil tank
6. Coping or notching





## Optional Accessories



1. 24" bending attachment
2. Plate Gauging Table
3. Quick set table assembly with quick set bar gauge assembly
4. Safety rear guard
5. Quick set angle gauge assembly
6. Safety front guard + chip bucket

**FINTEK**

TAIWAN

# FOLDING

SHEET METAL MACHINERY



# Hydraulic Up & Down NC Folding Machine

# VHS

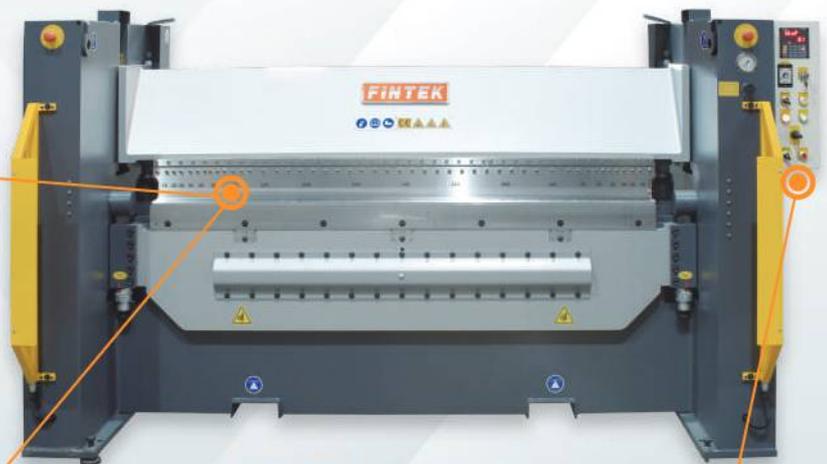


## VHS-1035

Hydraulic Up & Down NC Folding machine  
with Schneider NC controller (opt.)



100 mm tall segmented upper tools  
Maximum stroke up to 300 mm (without tools)



## VHS-0635

Hydraulic Up & Down NC Folding machine



Quick tool change design, move & take off tools in  
accordance to various work piece



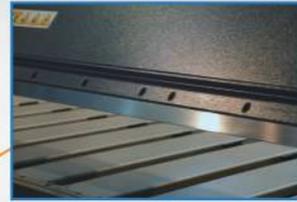
M15s NC controller (Angle adjustment) Standard  
Upgrade to 2-axis NC controller available. (opt.)

# VHS-1020X

Hydraulic 2-in-1 Up & Down NC Folding machine



## SPECIAL FEATURES



2-in-1 special designed replaceable clamping tools replaceable. VHS-1020X can install straight tool (standard) & segmented tool (optional).



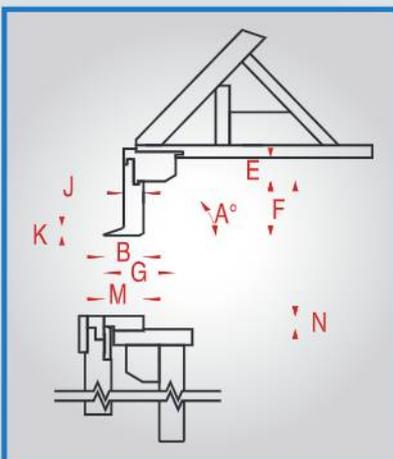
45 degree Top Beam

## SPECIFICATION

SPEC	MODEL	UNIT	SPECIAL EDITION			
			VHS-0635	VHS-0835	VHS-1035	VHS-1020X
Max. Bending Length		mm	2050	2550	3100	3100
Max. Bending Thickness - Mild Steel		mm	3.5	3.5	3.5	2.0
Max. Bending Thickness - Stainless Steel		mm	2.5	2.5	2.5	1.2
Bending Angle Degree		degree	0 - 135	0 - 135	0 - 135	0 - 135
Max. Open Height		mm	300 (without tools)	300 (without tools)	300 (without tools)	235 - Straight Tool 135 - Segmented tool
Box Height (Segmented 4" top tools)		mm	100	100	100	100
Min. Reverse Bend		mm	35	35	35	35
Motor		HP	5.0	7.5	7.5	7.5
Packing Dimension		cm	3420 x 1500 x 1750	3920 x 1750 x 1860	4370 x 1770 x 1890	4370 x 1770 x 1890
Packing Weight		kgs	2540	3900	4520	4800

## TOOLS TABLE

Tool Size	200 mm	180 mm	150 mm	100 mm	70 mm	65 mm	60 mm	55 mm	50 mm	40 mm	35 mm	30 mm	R75 mm	Total Length	Qty
VHS-0635	5	1	1	1	1	1	1	1	2	1	1	1	2	2035 mm	19
VHS-0835	7	1	1	2	1	1	1	2	1	1	1	1	2	2540 mm	22
VHS-1035	10	1	1	1	1	2	1	1	2	1	1	1	2	3100 mm	25



Size	VHS
A	30
B	48
E	47
F	100
G	86
I	300
J	24
K	18
M	48
N	25



**VHS-0635 (Rear view)**  
with CE safety sensor guard (optional)

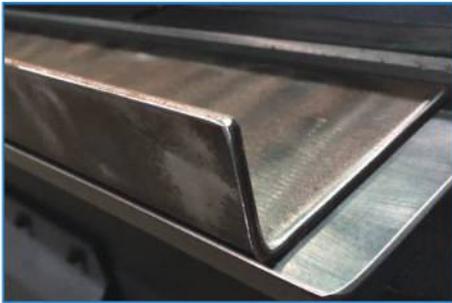
**VHHC**

# Hydraulic Heavy-Duty NC Folding Machine



## VH-0665-6HC

Hydraulic Folding machine  
with FATEK 2-axis NC controller (opt.)



Maximum Bending Thickness up to  
6.5 mm mild steel

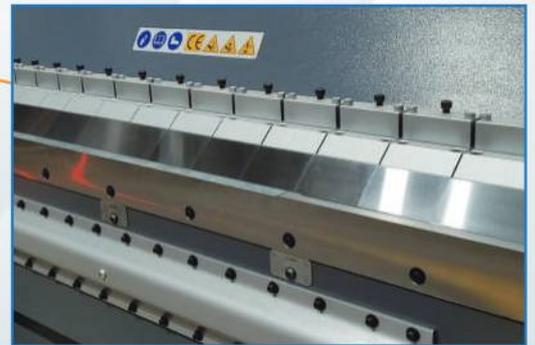


M15s NC controller (Angle adjustment) Standard  
Upgrade to 2-axis NC controller available. (opt.)



## VH-0635-6HC

Hydraulic NC Folding machine



Segmented type Box & Pan Tools



One-piece Alloy steel Top clamping tool



## VH-0825-HC

Hydraulic NC Folding machine  
(Straight type)

# SPECIFICATION

■ VH-HC = Straight Type Tool

■ VH-6HC = Segmented Type Tool

SPEC	MODEL	UNIT	VH-0625-HC	VH-0635-HC	VH-0645-HC	VH-0665-HC	VH-0825-HC	VH-0835-HC	VH-0845-HC	VH-0865-HC
			VH-0625-6HC	VH-0635-6HC	VH-0645-6HC	VH-0665-6HC	VH-0825-6HC	VH-0835-6HC	VH-0845-6HC	VH-0865-6HC
Max. Bending Length	mm		2050				2550			
Max. Bending Thickness - Mild Steel	mm		2.5	3.5	4.5	6.5	2.5	3.5	4.5	6.5
Max. Bending Thickness - Stainless Steel	mm		1.6	2.5	3.0	4.0	1.6	2.5	3.0	4.0
Bending Angle Degree	degree		0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°
Min. Reverse Bend	mm		15	25	30	35	15	25	30	35
Motor	HP		3.0	5.0	7.5	7.5	3.0	5.0	7.5	10.0
Packing Dimension	cm		300 x 110 x 175	300 x 110 x 175	330 x 155 x 190	330 x 155 x 190	385 x 170 x 180	385 x 170 x 186	390 x 170 x 190	390 x 175 x 205
Packing Weight	Straight Type Segmented Type	kgs	1950 2100	2200 2450	3050 3200	3550 3710	3200 3400	3700 3900	4900 5100	6000 6200

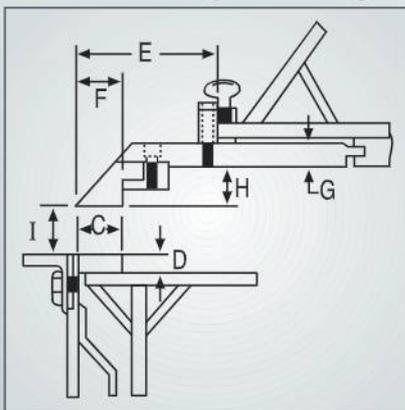
SPEC	MODEL	UNIT	VH-1025-HC	VH-1035-HC	VH-1045-HC	VH-1065-HC	VH-1220-HC	VH-1235-HC	VH-1245-HC
			VH-1025-6HC	VH-1035-6HC	VH-1045-6HC	VH-1065-6HC	VH-1220-6HC	VH-1235-6HC	VH-1245-6HC
Max. Bending Length	mm		3100				3700		
Max. Bending Thickness - Mild Steel	mm		2.5	3.5	4.5	6.5	2.0	3.5	4.5
Max. Bending Thickness - Stainless Steel	mm		1.2	2.5	3.0	4.0	1.2	2.5	3.0
Bending Angle Degree	degree		0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°
Min. Reverse Bend	mm		15	25	30	35	25	30	35
Motor	HP		3.0	5.0	7.5	10.0	3.0	5.0	7.5
Packing Dimension	cm		430 x 177 x 189	430 x 177 x 189	450 x 175 x 195	450 x 175 x 205	520 x 175 x 195	520 x 175 x 195	530 x 175 x 205
Packing Weight	Straight Type Segmented Type	kgs	3700 4000	4220 4520	5200 5500	6800 7100	5200 4850	5500 5150	7000 6650

SPEC	MODEL	UNIT	VH-4020-HC	VH-4035-HC	VH-4045-HC
			VH-4020-6HC	VH-4035-6HC	VH-4045-6HC
Max. Bending Length	mm		4000		
Max. Bending Thickness - Mild Steel	mm		2.0	3.5	4.5
Max. Bending Thickness - Stainless Steel	mm		1.2	2.5	3.0
Bending Angle Degree	degree		0 - 135°	0 - 135°	0 - 135°
Min. Reverse Bend	mm		25	30	35
Motor	HP		3.0	5.0	7.5
Packing Dimension	cm		560 x 175 x 205	560 x 180 x 205	560 x 180 x 210
Packing Weight	Straight Type Segmented Type	kgs	4600 5000	6100 6500	7600 8000

## VH-6HC Tools Quantity

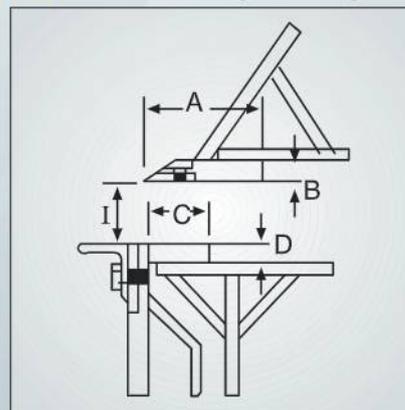
Tool Size	VH-06-6HC	VH-08-6HC	VH-10-6HC	VH-12-6HC	VH-40-6HC
75 mm	6	6	6	6	6
100 mm	3	4	5	5	5
125 mm	8	10	10	10	10
150 mm	2	3	6	10	12
Total Qty	19	23	27	31	33
Total Length	2050 mm	2550 mm	3100 mm	3700 mm	4000 mm

## VH-6HC NC Segment Folding



Size	VH-0625-6HC VH-0825-6HC VH-1025-6HC VH-1220-6HC VH-4020-6HC	VH-0635/45/65-6HC VH-0835/45/65-6HC VH-1035/45/65-6HC VH-1235/45-6HC VH-4035/45-6HC
C	50	50
D	23	23
E	150	150
F	50	73
G	30	36.5
H	33	48
I	100	100

## VH-HC NC Straight Folding



Size	VH-0625-HC VH-0825-HC VH-1025-HC VH-1220-HC VH-4020-HC	VH-0635/45/65-HC VH-0835/45/65-HC VH-1035/45/65-HC VH-1235/45-HC VH-4035/45-HC
A	100	138
B	30	34
C	50	50
D	23	23
I	100	100

## EQUIPMENTS



### Gap Clearance Adjustor

- Adjust the bending gap clearance depending on sheet metal thickness



### Low-Crowning Compensation

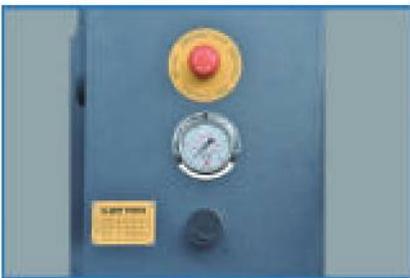
- Quick crowning adjustment by hex wrench
- Mechanical crowning make bending perfectly
- Available for machine model 25/35
- Except 45/65 models



### 3 functions Foot Pedal

- Clamp / Unclamp / Bend, 3 pedals
- Emergency Stop Button
- Portable with cable, easy to operate

STANDARD



### Hydraulic Pressure Adjustor

- Adjust the top clamping pressure depending on sheet metal thickness

STANDARD



### 2-Stage type Angle Bar

- 2-Stage type angle bar for multiple bending
- Available for machine model 45/65
- Except 25/35 models

STANDARD



### Flat type Angle Bar

- Special angle bar for reverse bending
- Available for machine model 25/35
- Except 45/65 models

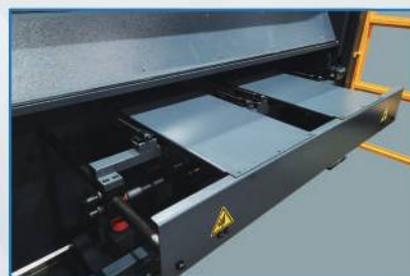
STANDARD

## BACK GAUGE



### Manual Back Gauge

- 600 mm hand-wheel type manual back gauge
- Upgrade to motorized back gauge available (optional)



### 800 mm Manual Back Gauge

- 800 mm hand-wheel type manual back gauge
- Rear support feeding table



### Motorized Back Gauge

- 800 / 1000 / 1250 mm motorized back gauge
- Rear support feeding table
- Available for 2-axis NC controller only

STANDARD

OPTIONAL

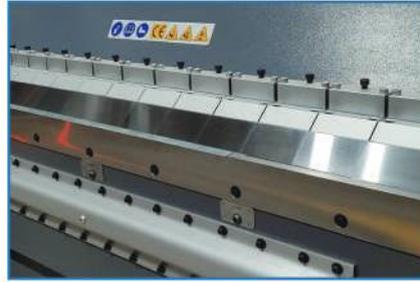
OPTIONAL

## TOOLS



### High-Segment Tools (VHS)

- High-grade alloy steel blades
- 100 mm tall segmented tools
- Quick tool change holder design
- Arc shape design on 2 sides



### Segment Tools (VH-6HC)

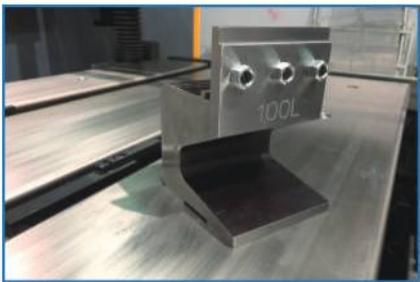
- High-grade alloy steel blades
- Segmented type clamping tools
- Changeable tools design
- For Box & Pan Bending



### Straight Tools (VH-HC)

- High-grade alloy steel blades
- One-piece straight type tool
- For long workpiece bending

STANDARD



### Special Customized Tools

- Customized Tools on request

STANDARD



### Segmented Bottom Die

- Segmented Bottom Die on request

STANDARD



### CE Conformity machine

- CE certified electrical components
- Front / Rear guard with safety barrier

OPTIONAL

OPTIONAL

OPTIONAL

## CONTROLLERS



### MIKRA M15S 1-Axis NC Controller

- 1-Axis control system - Bending degree setting
- 6 programs available, 16 bending steps each.
- Single / Manual / Program modes

STANDARD



### SCHNEIDER 2-Axis Touch Screen NC Controller

- 7" Touch screen display
- 2-Axis NC control system
- 0-135 Bending degree NC setting
- 800 / 1000 / 1250 mm motorized back gauge
- Programmable functions - 256 programs available
- FINTEK Special designed Graphical interface
- Multiple languages available

OPTIONAL



### FATEK 1-AXIS / 2-Axis Touch Screen NC Controller

- 7" Touch screen display
- Taiwan brand 2-Axis NC control system
- 0-135 Bending degree NC setting
- 800 / 1000 / 1250 mm motorized back gauge
- Programmable functions - 50 programs available
- FINTEK Special designed Graphical interface
- Multiple languages available

OPTIONAL

**VH**

# Hydraulic Brake

## Box & Pan Brake / Straight Brake



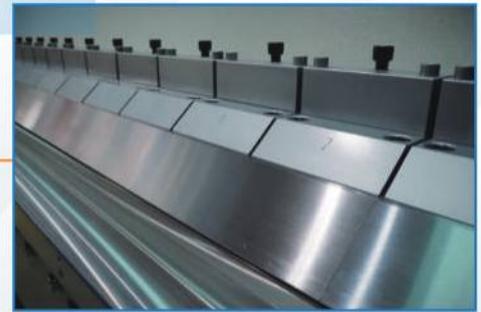
**VH-1014-6**  
Hydraulic Box & Pan Brake  
with 2-Axis NC controller



Segmented Finger Top blades for  
Multiple size workpiece and  
up to 6" height Box & Pan Bending.



**VH-1010-6**  
Hydraulic Box & Pan Brake



Segment type finger blade VH-6 series



Straight type blade VH series



**VH-1014**  
Hydraulic Straight Brake  
with CE safety guard & NC controller

# SPECIFICATION

■ VH = Straight Type Tool

■ VH-6 = Segmented Type Tool

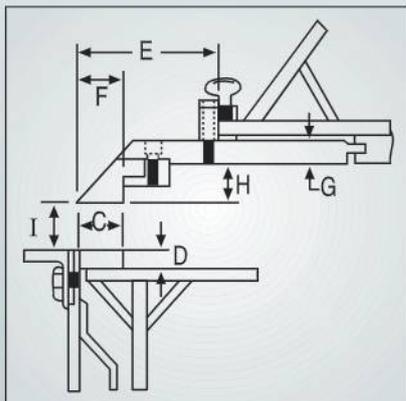
SPEC	MODEL	UNIT	VH-412	VH-410	VH-612	VH-610	VH-812	VH-810	VH-1014	VH-1010	
			VH-412-6	VH-410-6	VH-612-6	VH-610-6	VH-812-6	VH-810-6	VH-1014-6	VH-1010-6	
Max. Bending Length	mm		1220 / 4 ft		1830 / 6 ft		2440 / 8 ft	2540 / 8 ft	3050 / 10 ft		
Max. Bending Thickness - Mild Steel	mm		2.5 / 12GA	3.5 / 10GA	2.5 / 12GA	3.5 / 10GA	2.5 / 12GA	3.5 / 10GA	2.0 / 14GA	3.5 / 10GA	
Max. Bending Thickness - Stainless Steel	mm		1.6 / 16GA	2.5 / 12GA	1.6 / 16GA	2.5 / 12GA	1.6 / 16GA	2.5 / 12GA	1.2 / 18GA	2.5 / 12GA	
Bending Angle Degree	degree		0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	
Top Beam Adjustment	mm		25								
Min. Reverse Bend	mm		16	25	16	25	16	25	16	25	
Motor	HP		2.0	3.0	3.0	5.0	3.0	5.0	3.0	5.0	
Packing Dimension	cm		210 x 116 x 157	220 x 130 x 168	270 x 105 x 168	280 x 110 x 175	335 x 105 x 168	350 x 110 x 175	390 x 105 x 166	400 x 110 x 175	
Packing Weight	Straight Type Segmented Type	kgs	900	1700	1200	2200	1500	2800	2000	3150	
			1000	1850	1400	2400	1700	3000	2250	2480	

SPEC	MODEL	UNIT	VH-1216	VH-1214	VH-1210	VH-4020	VH-4016	VH-4014
			VH-1216-6	VH-1214-6	VH-1210-6	VH-4020-6	VH-4016-6	VH-4014-6
Max. Bending Length	mm		3710 / 12 ft			4010 / 13 ft		
Max. Bending Thickness - Mild Steel	mm		1.6 / 16GA	2.0 / 14GA	3.5 / 10GA	1.0 / 20GA	1.6 / 16GA	2.0 / 14GA
Max. Bending Thickness - Stainless Steel	mm		0.8 / 22GA	1.2 / 18GA	2.5 / 12GA	0.6 / 24GA	0.8 / 22GA	1.2 / 18GA
Bending Angle Degree	degree		0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°	0 - 135°
Top Beam Adjustment	mm		25					
Min. Reverse Bend	mm		16	16	25	16	16	16
Motor	HP		3.0	5.0	5.0	3.0	3.0	5.0
Packing Dimension	cm		460 x 116 x 170	460 x 116 x 170	460 x 116 x 170	505 x 110 x 175	505 x 110 x 175	505 x 110 x 175
Packing Weight	Straight Type Segmented Type	kgs	2600	2800	3700	3700	3900	4200
			2800	3100	4000	4000	4200	4500

## Tools Quantity

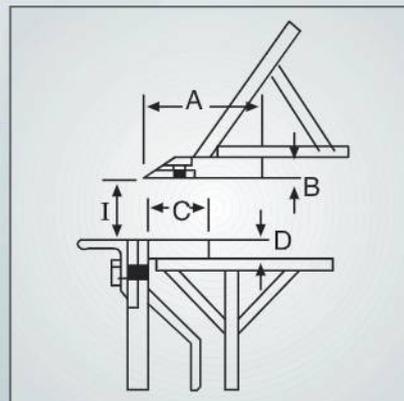
Tool Size	VH-4	VH-6	VH-8	VH-10	VH-12	VH-40
3" (76 mm)	3	6	6	6	6	6
4" (102 mm)	2	3	4	4	6	6
5" (127 mm)	5	6	10	10	10	10
6" (152 mm)	1	2	2	6	9	11
Total Quantity	11	17	22	26	31	33
Total Length - inch	48"	72"	96"	120"	146"	158"
Total Length - mm	1220	1828	2438	3048	3708	4013

## VH-6 Hydraulic Box & Pan Brake



Size	VH-412-6 VH-612-6 VH-812-6 VH-1014-6 VH-1216-6 VH-4016-6 VH-4020-6	VH-410-6 VH-610-6 VH-810-6 VH-1010-6
	C	50
D	23	23
E	150	150
F	50	73
G	30	30
H	48	33
I	100	70

## VH Straight Brake



Size	VH-412 VH-612 VH-812 VH-1014 VH-1216 VH-4016 VH-4020	VH-410 VH-610 VH-810 VH-1010
	A	138
B	34	34
C	50	50
D	23	23
I	100	70

# VHAU

## Hydraulic Brake High-Segment tool edition



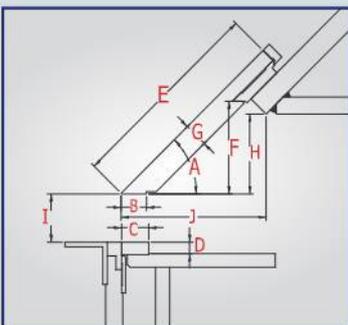
**VH-810-AU**  
Hydraulic High-Segment Tool  
Box & Pan Brake with NC controller



High-Segmented Finger Top blades for  
Multiple size workpiece

### SPECIFICATION

SPEC	MODEL	UNIT	VH-610-AU	VH-810-AU	VH-1010-AU
Max. Bending Length		mm	2050 / 6 ft	2550 / 8 ft	3100 / 10 ft
Max. Bending Thickness - Mild Steel		mm	3.5 / 10GA	3.5 / 10GA	3.5 / 10GA
Max. Bending Thickness - Stainless Steel		mm	2.0 / 14GA	2.0 / 14GA	2.0 / 14GA
Bending Angle Degree		degree	0 - 135°	0 - 135°	0 - 135°
Maximum Top Beam Open Height		mm	80	80	80
Min. Reverse Bend		mm	25	25	25
Motor		HP	5.0	5.0	5.0
Packing Dimension		cm	287 x 147 x 175	357 x 147 x 175	417 x 147 x 175
Packing Weight		kgs	2470	3070	3665



Tools Dimension			
A	45°	F	160 mm
B	45 mm	G	42 mm
C	48 mm	H	140 mm
D	20 mm	I	80 mm
E	355 mm	J	257 mm

Tools Quantity			
Tool Size	VH-6-AU	VH-8-AU	VH-10-AU
75 mm	6	6	6
100 mm	3	4	5
125 mm	8	10	10
150 mm	2	3	6
Total Quantity	19	23	27
Total Length	2050 mm / 80"	2550 mm / 100"	3100 mm / 120"

## EQUIPMENTS



### Bending Degree Indicator

- Adjust the bending degree indicator on request
- Bending Degree range from 0 to 135°

STANDARD



### Hydraulic System

- Hydraulic System with Overload Protection System
- Taiwan brand high quality motor and valve

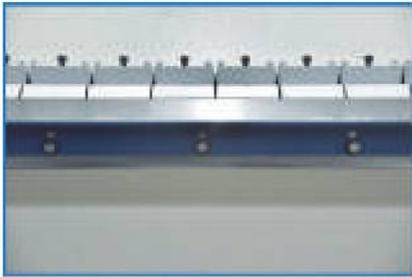
STANDARD



### Crowning Compensation

- Crowning compensation by screw and nut
- Mechanical crowning

STANDARD



### 2-Stage type Angle Bar

- 2-Stage type angle bar for multiple bending
- Available for all VH models

STANDARD



### Top Beam Adjust Assembly

- Adjust the top beam front / back by hand wheel
- For radius-angle workpiece bending

STANDARD



### 3 functions Foot Pedal

- Clamp / Unclamp / Bend, 3 pedals
- Portable with cable, easily operate

OPTIONAL

## BACK GAUGE



### Manual Back Gauge

- 600 mm manual back gauge
- Upgrade to motorized back gauge available (optional)

STANDARD



### Motorized Back Gauge

- 800 / 1000 / 1250 mm motorized back gauge
- Rear support feeding table

OPTIONAL



### CE Conformity machine

- CE certified electrical components
- Front / Rear guard with safety barrier

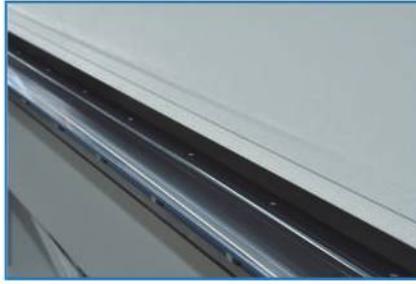
OPTIONAL

## TOOLS



### Segment Tools (VH-6)

- High-grade alloy steel blades
- Segmented type clamping tools
- Changeable tools design
- For Box & Pan Bending



### Straight Tools (VH)

- High-grade alloy steel blades
- One-piece straight type tool
- For long workpiece bending



### High-Segment Tools (VH-AU)

- High-grade alloy steel blades
- Higher Segmented type clamping tools
- Quickly changeable tools design
- For Box & Pan Bending and Tall box bending
- Top beam rear space bigger than VH model

STANDARD

STANDARD

STANDARD

## CONTROLLERS



### Control Box

#### Control Box with Joy-stick

- Control Box with Joy-stick
- Manual Bending degree setting
- Auto / Inch / Auto-open modes
- Emergency Stop button



### MIKRA

#### M15S 1-Axis NC Controller

- 1-Axis control system - choose one from below
  - NC controlled Bending degree setting
  - 800 mm NC controlled motorized back gauge
- 6 programs available, 16 bending steps each.
- Single / Manual / Program modes



### FATEK

#### 1-AXIS / 2-AXIS Touch Screen NC Controller

- 7" Touch screen display
- Taiwan brand 2-Axis NC control system
- 0-135 Bending degree NC setting
- 800 / 1000 / 1250 mm motorized back gauge
- Programmable functions - 50 programs available
- FINTEK Special designed Graphical interface
- Multiple languages available

STANDARD

OPTIONAL

OPTIONAL

# Bench Type Manual Brake

## Box & Pan Brake / Straight Brake

# N



**NS-9618**

Manual Straight Brake with floor stand



**NU-4816**

Manual Box & Pan Brake with floor stand



**NS-4816X**

Manual Straight Brake S-Lock Edition

## EQUIPMENTS



### Bending Adjustment Assembly

- To fix the bending angle
- Bending Degree from 0 to 135° available

STANDARD



### Counter Weight

- All manual brakes equipped the counter weight
- Save effort designed, easier operation

STANDARD



### Clamping Handle

- For Top Beam clamping workpiece
- Must clamp down both sides

STANDARD



### Beam Crowning Compensation

- Mechanical beam crowning compensation

STANDARD



### Floor Stand

- Floor stand for easier operation
- Standard for 7218/9618/12020 models

OPTIONAL

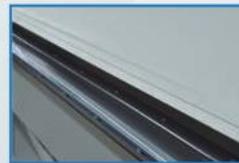
## Tools



### Segmented type Tools (NU)

- High-grade alloy steel blades
- Segmented type clamping tools
- Changeable tools design
- For Box & Pan Bending

STANDARD



### Straight type Tools (NS)

- High-grade alloy steel blades
- One-piece straight type tool
- For long workpiece bending

STANDARD

## SPECIFICATION

■ NS = Straight Type Tool

■ NU = Segmented Type Tool

SPEC	MODEL	UNIT	NS-4822	NS-4816	NS-5016	NS-6016	NS-7218	NS-9618	NS-12020
			NU-4822	NU-4816	NU-5016	NU-6016	NU-7218	NU-9618	NU-12020
Max. Bending Length - Straight type		mm	1232 / 48.5"		1270 / 50"	1550 / 61"	1855 / 73"	2465 / 97"	3075 / 121"
Max. Bending Length - Segmented type		mm	1220 / 48"				1830 / 72"	2440 / 96"	3050 / 120"
Max. Bending Thickness - Mild Steel		mm	0.8 / 22GA	1.6 / 16GA	1.6 / 16GA	1.6 / 16GA	1.2 / 18GA	1.2 / 18GA	1.0 / 20GA
Top Beam Adjustment		mm	22			44			
Min. Reverse Bend		mm	8		16		-		
Packing Dimension		cm	163 x 45 x 68	163 x 55 x 75	161 x 60 x 75	200 x 65 x 82	240 x 65 x 100	305 x 65 x 105	365 x 65 x 110
Packing Weight	Straight Type	kgs	130	190	210	250	500	775	930
	Segmented Type		130	210	230	280	550	830	1000

# V

# Manual Brake

## Box & Pan Brake / Straight Brake



**V-412-6**  
Manual Box & Pan Brake



**V-1014**  
Manual Straight Brake

## SPECIFICATION

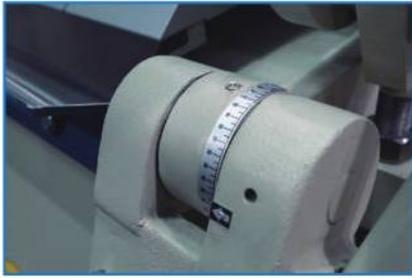
■ V = Straight Type Tool

■ V-6 = Segmented Type Tool

SPEC	MODEL	UNIT	V-412	V-612	V-812	V-816
			V-412-6	V-612-6	V-812-6	V-816-6
Max. Bending Length - Straight type	mm		1232 / 4 ft	1855 / 6 ft	2465 / 8 ft	
Max. Bending Length - Segmented type	mm		1220 / 4 ft	1830 / 6 ft	2440 / 8 ft	
Max. Bending Thickness - Mild Steel	mm		2.5 / 12GA	2.5 / 12GA	2.5 / 12GA	1.6 / 16GA
Max. Bending Thickness - Stainless Steel	mm		1.6 / 16GA	1.6 / 16GA	1.6 / 16GA	1.0 / 20GA
Bending Angle Degree	degree		0 - 135°	0 - 135°	0 - 135°	0 - 135°
Top Beam Adjustment	mm		25			
Min. Reverse Bend	mm		16			
Packing Dimension	cm		180 x 85 x 110	245 x 85 x 110	312 x 85 x 115	312 x 85 x 110
Packing Weight	Straight Type Segmented Type	kgs	600	750	1200	750
			900	1100	1460	1150

SPEC	MODEL	UNIT	V-1014	V-1016	V-1218	V-4022
			V-1014-6	V-1016-6	V-1218-6	V-4022-6
Max. Bending Length - Straight type	mm		3075 / 10 ft		3700 / 12 ft	4000 / 13 ft
Max. Bending Length - Segmented type	mm		3050 / 10 ft		3700 / 12 ft	4000 / 13 ft
Max. Bending Thickness - Mild Steel	mm		2.0 / 14GA	1.6 / 16GA	1.2 / 18GA	0.8 / 22GA
Max. Bending Thickness - Stainless Steel	mm		1.2 / 18GA	1.0 / 20GA	0.8 / 22GA	0.6 / 24GA
Bending Angle Degree	degree		0 - 135°	0 - 135°	0 - 135°	0 - 135°
Top Beam Adjustment	mm		25			
Min. Reverse Bend	mm		16			
Packing Dimension	cm		370 x 85 x 110	370 x 85 x 110	425 x 85 x 120	470 x 90 x 120
Packing Weight	Straight Type Segmented Type	kgs	1500	1300	1800	2200
			1550	1450	2450	2700

# EQUIPMENTS



## Bending Degree Indicator

- Adjust the bending degree indicator on request
- Bending Degree from 0 to 135° available

STANDARD



## Clamping Handle

- For Top Beam clamping workpiece
- Must clamp down both sides

STANDARD



## 2-Stage type Angle Bar

- 2-Stage type angle bar for multiple bending
- Available for all VH models

STANDARD



## Top Beam Adjust Assembly

- Adjust the top beam front / back by hand wheel
- For radius-angle workpiece bending

STANDARD



## Segment Tools (V-6)

- High-grade alloy steel blades
- Segmented type clamping tools
- Changeable tools design
- For Box & Pan Bending

STANDARD



## Straight Tools (V)

- High-grade alloy steel blades
- One-piece straight type tool
- For long workpiece bending

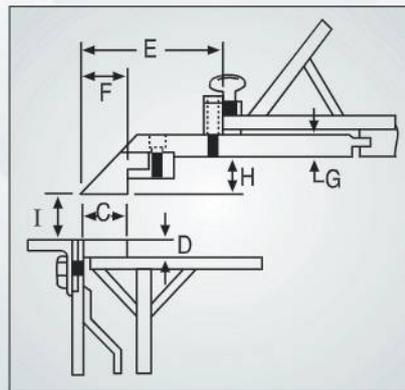
STANDARD



## Counter Weight

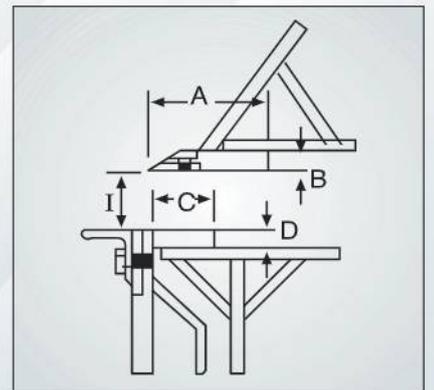
- All manual brakes equipped the counter weight
- Effort-saving design, easy operation

STANDARD



V-6 Manual Box & Pan Brake

Size	V-412-6 V-612-6	V-616-6 V-816-6	V-812-6 V-1014-6	V-1016-6 V-1218-6 V-4022-6
C	50	50	50	50
D	23	23	23	23
E	150	150	150	150
F	50	50	50	50
G	30	20	30	25
H	33	33	33	33
I	40	40	53	53



V Manual Straight Brake

Size	V-412 V-612	V-812 V-1016	V-816 V-1016	V-1218 V-4022
A	120	120	120	120
B	30	30	30	30
C	50	50	50	50
D	23	23	23	23
I	40	40	40	40