Collection PRESS BRAKE

www.fintekwell.com.tw
FINTEK HYDRAULIC PRESS BRAKE FEATURE

OVERSIZED HYDRAULIC OIL TANK, HIGH PERFORMANCE PUMP
- The big tank capacity increases oil flow smoothness and better oil cooling efficiency.
- The high performance pump features low noise running and stable oil flow.

BLADE
- One piece top blade.
- One piece 4-face bottom die. (Multi-size V-slot design to meet most common bending applications)

ADJUSTABLE STROKE
- The rapid approach stroke for top blade is adjustable to meet various machining requirements and to increase productivity.

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

RIGID CONSTRUCTION THRU-OUT
- The entire machine frame is manufactured from high-tension steel plates, which were stress-relieved to avoid machine deformation for longer servicing years.

PB-16032 NC (ELGO/GERMANY)
- Bending capacity 5.0 x 3200 mm
- Force output 160 tons
- Main motor 15 HP
FULLY ENCLOSED HYDRAULIC POWER SYSTEM.

DEPENDABLE HYDRAULIC SYSTEM
- The hydraulic system includes high quality solenoid valves and two powerful cylinders, featuring powerful force output and stable motions.
- Two-step downward speed design. Fast speed for approaching work piece and low speed for bending operation, which greatly shortens machining time.
- Working pressure is easy to set by simply turning a variable regulator with overload protection to provide a proper pressure.

HIGH PARALLEL ACCURACY
- The parallel mechanism is a mechanical structure, providing forced synchronized motions for the top and bottom die. This assures high parallelism accuracy between both dies at any position of stroke movement.

POWER BACK GAUGE
- The motorized back gauge is transmitted by high precision ball screw with readout display and permits micrometric adjustment. Tolerance is within +/-0.1 mm.

NC CONTROLLED BACK GAUGE
- 2 axes NC control system, backgauge(length) and bending angle(depth), from Delem(Netherland) is available upon request.
30-45 TON FINTEK HYDRAULIC PRESS

RIGID PARALLEL MECHANISM
ENSURES A PERFECT PARALLELISM BETWEEN THE TOP AND BOTTOM DIE.

PB-4515NC (DELEM/NETHERLANDS)
- BENDING CAPACITY 3.0 X 1550 MM
- FORCE OUTPUT 45 TONS
- MAIN MOTOR 5 HP

SPECIFICATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Bending capacity of length</th>
<th>Maximum pressure</th>
<th>Bending Thickness (Reference Only)</th>
<th>Distance between housings</th>
<th>Ram stroke</th>
<th>Table width</th>
<th>Distance between table/ram surface</th>
<th>Oil Tank</th>
<th>Main motor</th>
<th>Approach speed</th>
<th>Bending speed</th>
<th>Return speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB-3012</td>
<td>1270mm</td>
<td>30 Ton</td>
<td>2.5mm</td>
<td>970 mm</td>
<td>150 mm</td>
<td></td>
<td>250mm</td>
<td>20 Gallon</td>
<td>3 HP</td>
<td>80 mm/sec.</td>
<td>7 mm/sec.</td>
<td>60 mm/sec.</td>
</tr>
<tr>
<td>PB-3015</td>
<td>1550mm</td>
<td>30 Ton</td>
<td>2.0mm</td>
<td>1250 mm</td>
<td>150 mm</td>
<td></td>
<td>250mm</td>
<td>24 Gallon</td>
<td>3 HP</td>
<td>80 mm/sec.</td>
<td>7 mm/sec.</td>
<td>60 mm/sec.</td>
</tr>
<tr>
<td>PB-3020</td>
<td>2000mm</td>
<td>30 Ton</td>
<td>1.5mm</td>
<td>1550 mm</td>
<td>150 mm</td>
<td>Bottom Die</td>
<td>250mm</td>
<td>24 Gallon</td>
<td>3 HP</td>
<td>80 mm/sec.</td>
<td>7 mm/sec.</td>
<td>60 mm/sec.</td>
</tr>
<tr>
<td>PB-4515</td>
<td>1550mm</td>
<td>45 Ton</td>
<td>3.0mm</td>
<td>1250 mm</td>
<td>150 mm</td>
<td>Die Holder</td>
<td>250mm</td>
<td>28 Gallon</td>
<td>5 HP</td>
<td>80 mm/sec.</td>
<td>7 mm/sec.</td>
<td>60 mm/sec.</td>
</tr>
</tbody>
</table>

• Above specifications are subject to change without prior notice.
STANDARD EQUIPMENTS

1. MANUAL BACK GAUGE MICRO ADJUSTER.
2. ONE TOP BLADE. (SEE STANDARD TOOLING CHART) A1-A3
3. ONE BOTTOM DIE. (SEE STANDARD TOOLING CHART) A1-A3
4. FRONT SUPPORT 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.

MACHINE SPOT

ACCU RATE DEPTH POSITIONING
THE HIGH ACCURACY DEPTH POSITIONING (BENDING ANGLE) IS
ACHIEVED THROUGH MECHANICAL STOPS IN THE CYLINDERS.

A WIDE VARIETY OF STANDARD TOOLING

Top Blade

A1 A2 A3 T5(Opt) T6(Opt) T7(Opt)

Bottom Die

A1 A2 A3 B1

FOR 30-45 TON

OPTIONAL EQUIPMENTS

a. POWERED 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. CE CONFORMITY MACHINE.

e. BOTTOM-DIE/TABLE HYDRAULIC CROWNING AUTO COMPENSATION.

f. 4-FACE BOTTOM DIE FOR PB-3012/3015/3020/4515 (MULTI-SIZE V-SLOT DESIGN)

g. SAFETY SENSOR PROTECTION SYSTEM.

h. DEEPER THROAT.

i. SPECIAL BLADE AND DIE.

j. POWER GREASE INJECTING SYSTEM.

POWER BACK GAUGE MODELS

POWER BACK GAUGE
THE POWER BACK GAUGE IS TRANSMITTED BY A PRECISION BALLSCREW FOR SMOOTH MOTION AND TRANSMISSION ACCURACY.

NC CONTROL MODELS DELEM / NETHERLANDS

OPTIONAL EQUIPMENTS

a. POWERED 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. CE CONFORMITY MACHINE.

e. BOTTOM-DIE/TABLE HYDRAULIC CROWNING AUTO COMPENSATION.

f. 4-FACE BOTTOM DIE FOR PB-3012/3015/3020/4515 (MULTI-SIZE V-SLOT DESIGN)

g. SAFETY SENSOR PROTECTION SYSTEM.

h. DEEPER THROAT.

i. SPECIAL BLADE AND DIE.

j. POWER GREASE INJECTING SYSTEM.
### 60-80 TONS FINTEK HYDRAULIC PRESS

### PB-8026 NC (ELGO/GERMANY)
- BENDING CAPACITY 4.0 X 2600 mm
- FORCE OUTPUT 80 TONS
- MAIN MOTOR 10 HP

### SPECIFICATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Bending capacity of length</th>
<th>Maximum pressure</th>
<th>Bending Thickness (Reference Only)</th>
<th>Distance between housings</th>
<th>Ram stroke</th>
<th>Table width</th>
<th>Distance between table/ram surface</th>
<th>Oil Tank</th>
<th>Main Motor</th>
<th>Approach speed</th>
<th>Bending speed</th>
<th>Return speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB-6020</td>
<td>2000 mm</td>
<td>60 Ton</td>
<td>4.0 mm</td>
<td>1550 mm</td>
<td>150 mm</td>
<td>160 mm</td>
<td>300 mm</td>
<td>35 Gallon</td>
<td>7.5 HP</td>
<td>80 mm/sec</td>
<td>7 mm/sec</td>
<td>60 mm/sec</td>
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<tr>
<td>PB-6026</td>
<td>2600 mm</td>
<td>60 Ton</td>
<td>3.2 mm</td>
<td>2100 mm</td>
<td>150 mm</td>
<td>160 mm</td>
<td>300 mm</td>
<td>35 Gallon</td>
<td>7.5 HP</td>
<td>80 mm/sec</td>
<td>7 mm/sec</td>
<td>60 mm/sec</td>
</tr>
<tr>
<td>PB-6032</td>
<td>3200 mm</td>
<td>60 Ton</td>
<td>2.5 mm</td>
<td>2600 mm</td>
<td>150 mm</td>
<td>160 mm</td>
<td>300 mm</td>
<td>35 Gallon</td>
<td>7.5 HP</td>
<td>80 mm/sec</td>
<td>7 mm/sec</td>
<td>60 mm/sec</td>
</tr>
<tr>
<td>PB-8020</td>
<td>2000 mm</td>
<td>80 Ton</td>
<td>5.0 mm</td>
<td>1550 mm</td>
<td>150 mm</td>
<td>160 mm</td>
<td>300 mm</td>
<td>45 Gallon</td>
<td>10 HP</td>
<td>80 mm/sec</td>
<td>6 mm/sec</td>
<td>60 mm/sec</td>
</tr>
<tr>
<td>PB-8026</td>
<td>2600 mm</td>
<td>80 Ton</td>
<td>4.0 mm</td>
<td>2100 mm</td>
<td>150 mm</td>
<td>160 mm</td>
<td>300 mm</td>
<td>45 Gallon</td>
<td>10 HP</td>
<td>80 mm/sec</td>
<td>6 mm/sec</td>
<td>60 mm/sec</td>
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<tr>
<td>PB-8032</td>
<td>3200 mm</td>
<td>80 Ton</td>
<td>3.2 mm</td>
<td>2600 mm</td>
<td>150 mm</td>
<td>160 mm</td>
<td>300 mm</td>
<td>45 Gallon</td>
<td>10 HP</td>
<td>80 mm/sec</td>
<td>6 mm/sec</td>
<td>60 mm/sec</td>
</tr>
</tbody>
</table>

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PRESS BRAKE

STANDARD EQUIPMENTS
1. POWER BALLSCREW BACK GAUGE W/COUNTER DISPLAY AND FRONTAL CONTROL.
2. ONE TOP BLADE. (SEE STANDARD TOOLING CHART)
3. ONE BOTTOM DIE. (SEE STANDARD TOOLING CHART)
4. POWERED BENDING ANGLE SETTING DEVICE.
5. FRONT SUPPORT ARM.
6. BOTTOM-DIE/TABLE HYDRAULIC CROWNING AUTO COMPENSATION.
7. CONTROL PANEL WITH LOW VOLTAGE SWITCHES/BUTTONS
8. FOOT SWITCH W/SAFETY PROTECTION HOUSING.
9. TOOL BOX W/MAINTENANCE TOOLS AND LEVELING PADS.

A WIDE VARIETY OF STANDARD TOOLING

<table>
<thead>
<tr>
<th>Top Blade</th>
<th>Bottom Die</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>B1</td>
</tr>
<tr>
<td>T2</td>
<td></td>
</tr>
<tr>
<td>T3</td>
<td></td>
</tr>
<tr>
<td>T4</td>
<td></td>
</tr>
<tr>
<td>T5 (Opt)</td>
<td></td>
</tr>
<tr>
<td>T6 (Opt)</td>
<td></td>
</tr>
<tr>
<td>T7 (Opt)</td>
<td></td>
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</tbody>
</table>

POWER BACK GAUGE MODELS

OPTIONAL EQUIPMENTS
a. CE CONFORMITY MACHINE.
b. 2 AXES (DEPTH & LENGTH AXIS) NC CONTROL SYSTEM.
c. SAFETY SENSOR PROTECTION SYSTEM.
d. POWER GREASE INJECTING SYSTEM.
e. DEEPER THROAT.
f. SPECIAL BLADE AND DIE.

DELEM NC SYSTEM UNIT
THE 2-AXES DELEM NC SYSTEM CAN CONTROL BACK GAUGE AND BENDING ANGLE. PRODUCT MEMORY UP TO 100 PROGRAMS AND 25 STEPS FOR EACH PROGRAM. IT COMES WITH 4.7” MONOCHROME LCD SCREEN.
PB-22040
- BENDING CAPACITY 6.5 X 4000 mm
- FORCE OUTPUT 220 TONS
- MAIN MOTOR 20 HP

**SPECIFICATION**

<table>
<thead>
<tr>
<th>Model</th>
<th>Bending capacity of length</th>
<th>Maximum pressure</th>
<th>Bending Thickness (Reference Only)</th>
<th>Distance between housings</th>
<th>Ram stroke</th>
<th>Table width</th>
<th>Distance between table/ram surface</th>
<th>Oil Tank</th>
<th>Main motor</th>
<th>Approach speed</th>
<th>Bending speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB-11026</td>
<td>2600 mm</td>
<td>110 Ton</td>
<td>4.5 mm</td>
<td>2100 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>350 mm</td>
<td>55 Gallon</td>
<td>10 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-11032</td>
<td>3200 mm</td>
<td>110 Ton</td>
<td>3.5 mm</td>
<td>2600 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>350 mm</td>
<td>55 Gallon</td>
<td>10 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-11040</td>
<td>4000 mm</td>
<td>110 Ton</td>
<td>2.5 mm</td>
<td>3400 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>350 mm</td>
<td>55 Gallon</td>
<td>10 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-16026</td>
<td>2600 mm</td>
<td>160 Ton</td>
<td>6.5 mm</td>
<td>2100 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>400 mm</td>
<td>80 Gallon</td>
<td>15 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-16032</td>
<td>3200 mm</td>
<td>160 Ton</td>
<td>5.0 mm</td>
<td>2550 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>400 mm</td>
<td>80 Gallon</td>
<td>15 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-16040</td>
<td>4000 mm</td>
<td>160 Ton</td>
<td>4.3 mm</td>
<td>3350 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>400 mm</td>
<td>80 Gallon</td>
<td>15 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-22026</td>
<td>2600 mm</td>
<td>220 Ton</td>
<td>9.0 mm</td>
<td>2100 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>400 mm</td>
<td>100 Gallon</td>
<td>20 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-22032</td>
<td>3200 mm</td>
<td>220 Ton</td>
<td>8.0 mm</td>
<td>2500 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>400 mm</td>
<td>100 Gallon</td>
<td>20 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
<tr>
<td>PB-22040</td>
<td>4000 mm</td>
<td>220 Ton</td>
<td>6.5 mm</td>
<td>3300 mm</td>
<td>200 mm</td>
<td>200 mm</td>
<td>400 mm</td>
<td>100 Gallon</td>
<td>20 HP</td>
<td>80 mm/sec.</td>
<td>6 mm/sec.</td>
</tr>
</tbody>
</table>

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STANDARD EQUIPMENTS

1. POWER BALLSCREW BACK GAUGE W/COUNTER DISPLAY AND FRONTAL CONTROL

2. ONE TOP BLADE. (SEE STANDARD TOOLING CHART)

3. ONE BOTTOM DIE. (SEE STANDARD TOOLING CHART)

4. POWERED BENDING ANGLE SETTING DEVICE.

5. FRONT SUPPORT ARM.

6. BOTTOM-DIE/TABLE HYDRAULIC CROWNING AUTO COMPENSATION.

7. CONTROL PANEL WITH LOW VOLTAGE SWITCHES/BUTTONS.

8. FOOT SWITCH W/SAFETY PROTECTION HOUSING.

9. TOOL BOX W/MAINTENANCE TOOLS AND LEVELING PADS.

OPTIONAL EQUIPMENTS

a. CE CONFORMITY MACHINE.

b. 2 AXES (DEPTH & LENGTH AXIS) NC CONTROL SYSTEM.

c. SAFETY SENSOR PROTECTION SYSTEM.

d. POWER GREASE INJECTING SYSTEM.

e. DEEPER THROAT.

f. SPECIAL BLADE AND DIE.

PB-16032 NC (ELGO/GERMANY)

- BENDING CAPACITY 5.0 X 3200 mm
- FORCE OUTPUT 160 TONS
- MAIN MOTOR 15 HP

<table>
<thead>
<tr>
<th>Return speed</th>
<th>Power back gauge</th>
<th>Back gauge motor</th>
<th>Throat Depth</th>
<th>Gross weight</th>
<th>Packing Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>6200 kg</td>
<td>3050 X 1650 X 2500 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>7000 kg</td>
<td>3650 X 1650 X 2550 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>9000 kg</td>
<td>4450 X 1800 X 2600 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>8000 kg</td>
<td>3050 X 1800 X 2650 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>10000 kg</td>
<td>3650 X 1800 X 2700 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>13000 kg</td>
<td>4500 X 1800 X 2800 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>11000 kg</td>
<td>3100 X 1950 X 2900 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>12000 kg</td>
<td>3700 X 2000 X 2950 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm/sec. 600 mm</td>
<td>1/2HP 250 mm</td>
<td>15000 kg</td>
<td>4500 X 1800 X 3200 mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A WIDE VARIETY OF STANDARD TOOLING

Top Blade

T1  T2  T3  T4  T5 (Opt)  T6 (Opt)  T7 (Opt)

Bottom Die

B2

FOR 110-220 TON