POWER PRESS

- EXTRA SMOOTH
- HIGH PRECISION
- POWERFUL PRESSING CAPACITY
- EASILY OPERATED CONTROL
- RUGGED CONSTRUCTION THROUGHOUT
A Full Line of Quality Presses from Fintek

Fintek’s wide range of precision presses provide customers a flexible choice to suit their applications. Each press is designed and built with quality-excellence in mind.

Top Quality Level

At Fintek, we have a strong commitment to offer our customers high quality presses that serve customers with years of dependable performance with minimum trouble. To meet this commitment, rigorous quality control is conducted throughout every stage of the manufacturing process. Each machine is subject to comprehensive inspection and test before shipment. Our objective is to ensure each machine will exhibit the top performance for our customers.
Quality You’ve Come To Expect! Features You’ve Been Waiting for!

No matter what pressing capacity you required, Fintek has the exact press to fit you requirements. You can choose from a wide selection, while you will encounter only one level of quality—excellent.
**FOB Series**
110~300 Tons
OPEN BACK PRECISION POWER PRESS

**FSB Series**
110~300 Tons
STRAIGHT SIDE DOUBLE CRANK PRECISION PRESS

**FSN Series**
110~260 Tons
STRAIGHT SIDE SINGLE CRANK PRECISION PRESS

**FGN Series**
25~260 Tons
SUPER HEAVY DUTY PRECISION PRESS

**FDH Series**
30~160 Tons
HIGH SPEED POST GUIDE PRECISION PRESS

**FPD Series**
15~65 Tons
HIGH SPEED PRECISION POWER PRESS

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FSD SERIES
160~1000 TONS
STRAIGHT SIDE SINGLE AXIS CRANK PRESS

Big in Every Way-
Capacity, Power, Rigidity

Machine Features
* Straight side steel frame combined with extra wide and extra long 8-surface slideways ensure high accuracy of product.
* Suitable for long stroke blanking, forming and drawing operations.
* Multi-function control system allows for online with various automated devices, that dramatically increases productivity.

Standard Accessories
1. Hydraulic overload protector.
2. Force-cycle lubrication system.
4. Electrical slide adjustment device.
5. Die height indicator.
6. Crank angle indicator.
7. Power take off shaft.

Optional Accessories
1. Inverter/Variable speed motor.
2. Photoelectric safety device.
3. Pneumatic die cushion.
4. Slide knockout device.
5. Foot pedal switch.
6. Quick die change system (Q.D.C.)
7. Load monitor.
8. Robot of automatism.
9. Automatic transfer device.
10. Flywheel brake device.
11. Micro inching device.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FSD-160</th>
<th>FSD-200</th>
<th>FSD-260</th>
<th>FSD-300</th>
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Special specification could be suited for customer’s requirement.
**FSS SERIES**

**160~1000 TONS**

**STRAIGHT SIDE SINGLE CRANK PRESS**

Oversized 8-surface Slideways. Excellent for Heavy Load and Thick Plate.

**Machine Features**

- Straight side steel frame combined with single crank design, that combined with extra wide and extra long 8-surface slideways making the machine ideal for heavy duty and thick material pressing operations.
- Employ a newly designed high-torque, split-type clutch and brake system, providing highly sensitive motions and high efficiency.
- Multi-function control system allows for online with various automated devices, that dramatically increases productivity.

**Standard Accessories**

1. Hydraulic overload protector.
2. Force-cycle lubrication system.
4. Electrical slide adjustment device.
5. Die height indicator.
6. Crank angle indicator.
7. Power take off shaft.

**Optional Accessories**

1. Inverter/Variable speed motor.
2. Photoelectric safety device.
3. Pneumatic die cushion.
4. Slide knockout device.
5. Foot pedal switch
6. Quick die change system (O.D.C.)
7. Load monitor.
8. Robot of automatism.
9. Automatic transfer device.
10. Flywheel brake device.
11. Micro inching device.

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**MODEL**

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FSG SERIES

160~400 TONS

STRAIGHT SIDE DOUBLE CRANK PRECISION PRESS

Optimal Structure Design!
Ideal for Progressive Die Punching!

Machine Features

- Straight side frame construction in combination with B-surface sideways to eliminate the open back problem and reduce the frame deformation to a minimum. This makes the machine suitable for machining of progressive dies.
- Employ eco-friendly and low-noise wet clutch and brake system.
- High performance control system is operator friendly and safe in operation.

Standard Accessories
1. Wet clutch & brake.
2. Hydraulic overload protector.
3. Electrical grease lubrication system.
4. Slide & die balancer.
5. Electrical slide adjustment device.
6. Die height indicator.
7. Crank angle indicator.
8. Preset counter.
9. Rubber mounts.
10. Maintenance tool.

Optional Accessories
1. Inverter / Variable speed motor.
2. Photoelectric safety device.
3. Pneumatic die cushion.
4. Slide knockout device.
5. Foot pedal switch.
6. Power take off shaft.
7. Quick die change system. (Q.D.C.)
8. Load monitor.
9. Robot of automatic.
10. Automatic transfer device.
11. Flywheel brake device.
Rigid Machine Frame
The straight side frame construction features lifetime stability without the problem which usually occurred on a C-type open-back press. With its minimum deformation, higher parts accuracy and longer die life can be achieved.

8-surface Slideways
Extra wide and extra long 8-surface slideways exhibits maximum stability of punched products. In addition, it also enables the machine to suit machining of progressive dies.

High Torque Wet Clutch
- Newly designed separated type wet clutch.
- Exclusive circulated lubrication features low temperature and great torque.
- Maximum wear resistance.
- Low noise, pollution-free.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FSG-160</th>
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<th>FSG-250</th>
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FOB SERIES
110~300 TONS
OPEN BACK PRECISION POWER PRESS

Accommodate Various Automated Devices. Ideal for Progressive Dies.

Machine Features
* Extremely sturdy steel frame construction with long sideways provide stable and accurate movement.
* Employ eco-friendly and low-noise wet clutch and brake system.
* Extra large bottom area of ram permits the use of various automated devices and progressive dies.

Standard Accessories
1. Wet clutch & brake.
2. Hydraulic overload protector.
3. Electrical grease lubrication system.
4. Slide & die balancer.
5. Electrical slide adjustment device.
6. Die height indicator.
7. Crank angle indicator.
8. Preset counter.
9. Rubber mounts.
10. Maintenance tool.

Optional Accessories
1. Inverter / Variable speed motor.
2. Photoelectric safety device.
3. Pneumatic die cushion.
4. Slide knockout device.
5. Foot pedal switch.
6. Power take off shaft.
7. Quick die change system. (Q.D.C.)
8. Load monitor.
10. Automatic transfer device.
**Extra Long, Precise 6-surface Slideways**
The slide guideways employ alloy copper lining for increasing eccentric load. Another benefit is to minimize variation when the slide moves in front/back and right/left directions as well as to extend die life.

**Hydraulic Overload Safety Device**
In case overload occurs, the slide movement stops immediately to provide a safety protection for the machine and die.

**Minimum Lateral Thrust on Slide**
The two crankshafts rotate reversely, that makes the lateral thrust against slide offset each other. Ruggedly constructed slide and platen reduces matching depth of die.

**Operation Box**
The control box is an user-friendly design with simple indications for convenience in troubleshooting.

<table>
<thead>
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<th>FOB-110</th>
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</table>
**FSB Series**

**110-300 TONS**

**STRAIGHT SIDE DOUBLE CRANK PRECISION PRESS**

Built for High Production and Continuous Operation.

**Machine Features**
- Extremely sturdy steel frame construction with long side ways provide stable and accurate movement without the open-back problem.
- Employ eco-friendly and low-noise wet clutch and brake system.
- Extra large bottom area of ram permits the use of various automated devices and progressive dies.

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**Standard Accessories**
1. Wet clutch & brake.
2. Hydraulic overload protector.
3. Electrical grease lubrication system.
4. Slide & die balancer.
5. Electrical slide adjustment device.
6. Die height indicator.
7. Crank angle indicator.
8. Preset counter.
9. Rubber mounts.
10. Maintenance tool.

**Optional Accessories**
1. Inverter / Variable speed motor.
2. Photoelectric safety device.
3. Pneumatic die cushion.
4. Slide knockout device.
5. Foot pedal switch.
6. Power take off shaft.
7. Quick die change system (Q.D.C.)
8. Load monitor.
10. Automatic transfer device.

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**MODEL**

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FSN SERIES

110~260 TONS

STRAIGHT SIDE SINGLE CRANK PRECISION PRESS

For Precision Punching Operations!
No Angular Elevation Problem!

Machine Features
- Extremely sturdy steel frame construction without the open back problem. The carefully designed structure also prevents the angular elevation phenomena while extending the service life of the dies.
- Employ eco-friendly and low-noise wet clutch and brake system.
- Available to equip with automatic feeder to greatly upgrade production efficiency and ensure product quality and consistency.

Standard Accessories
1. Wet clutch & brake.
2. Hydraulic overload protector.
3. Electrical grease lubrication system.
4. Slide & die balancer.
5. Electrical slide adjustment device.
6. Die height indicator.
7. Crank angle indicator.
8. Preset counter.
9. Rubber mounts.
10. Maintenance tool.

Optional Accessories
1. Inverter / Variable speed motor.
2. Photoelectric safety device.
3. Pneumatic die cushion.
4. Slide knockout device.
5. Foot pedal switch.
6. Power take off shaft.
7. Quick die change system (Q.D.C.)
8. Load monitor.
10. Automatic transfer device.

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**FGN Series**

**25~260 TONS**

**SUPER HEAVY DUTY PRECISION PRESS**

**Extra Powerful Punching Capability!**

**Minimum Deformation of Structure!**

**Machine Features**

- Rugged and sturdy frame construction reduces structural deformation to a minimum. It also maintains the lifetime accuracy and extends the service life of the dies.
- Excellent performance. Equipped with overload protection device to ensure long service life and accuracy of the machine.
- Available to equip with automatic feeder to greatly upgrade production efficiency and ensure product quality and consistency.

**Standard Accessories**

1. Wet clutch & brake/Combined clutch
2. Hydraulic overload protector.
3. Electrical grease lubrication system. (LGN-80~LGN-260)
4. Slide & die balancer.
5. Electrical slide adjustment device. (LGN-80~LGN-260)
6. Die height indicator.
7. Crank angle indicator.
8. Preset counter
9. Rubber mounts.
10. Maintenance tool.

**Optional Accessories**

1. Inverter / Variable speed motor.
2. Photoelectric safety device.
3. Pneumatic die cushion.
4. Slide knockout device.
5. Foot pedal switch.
6. Power take off shaft.
7. Quick die change system. (Q.D.C.)
8. Load monitor.
10. Automatic transfer device.
Built to satisfy the needs of accurate and powerful punching.

The electric operated die height adjustment device is equipped with upper and lower limit switches.

Hydraulic overload safety device provides a safety protection for the machine and die.

Extra long 6-surface slideways design allows for heavy duty pressing.

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<tr>
<th>MODEL</th>
<th>FGN-25</th>
<th>FGN-45</th>
<th>FGN-60</th>
<th>FGN-80</th>
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FDH SERIES
30~160 TONS
HIGH SPEED POST GUIDE PRECISION PRESS

High Stroke Speed !
High Precision !

Machine Features
- The machine frame is one-piece manufactured from high quality cast iron, making it suitable for pressing precision electronic components and hardware.
- Designed with double die-set post guides to ensure ultra-high accuracy of bottom dead point, even running at high speed for a long time.
- Accuracy meets CNS special class standard.

Standard Accessories
1. Hydraulic slide lock protect.
2. Die height indicator.
3. Reset type counter.
4. Front and behind of safety door control protect.
5. Crank angle indicator.
6. Independent type control panel.
7. Air ejector protect.
9. Air motor of slide adjustment protect.

Optional Accessories
1. Quick die change system. (O.D.C.)
2. Against vibration protect.
3. Dies of rated tonnage point check-out protect.
4. Dies of load monitor.
5. Coil material lubricating system.
6. Flywheel brake.
7. Feeder.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FDH-30</th>
<th>FDH-60</th>
<th>FDH-100</th>
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<td>mm</td>
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<td>800x670</td>
<td>1000x995</td>
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Especially suited for:
- Electronic components
- Hardware
FPD SERIES
15~65 TONS
HIGH SPEED PRECISION POWER PRESS

High-speed Production Presses That Offer Precision Punching Capability

Machine Features
* The slide is designed with long guides combined with air-balance device. This permits stable and accurate motions, and making the machine suitable for progressive dies.
* Equipped with micro-computer control. Automatic positioning compensation for stop angle.
* Accuracy meets CNS special class standard.

Standard Accessories
1. Automatic lubrication system.
2. Knockout device of slide.
3. Counter balance.
4. Crank angle indicator.
5. Handle slide adjusting device.
6. Power take off shaft.
7. Separate type electrical control panel.
8. Die height indicator. (65 tons optional)
9. Bottom jamming release device. (65 tons optional)
10. Magnetic stroke counter.
11. Air ejector protect.

Optional Accessories
1. Quick die change system. (Q.D.C.)
2. Against vibration protect.
3. Dies of rated tonnage point checkout protect.

<table>
<thead>
<tr>
<th>MODEL</th>
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<th>FPD-40</th>
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<td>Area of bolster</td>
<td>mm</td>
<td>460x250</td>
<td>520x300</td>
<td>700x400</td>
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</tbody>
</table>

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Standard Accessories

- Hydraulic overload protector
- Die height indicator
- Rubber mounts

Optional Accessories

- Inverter/Variable speed motor
- Photoelectric safety device
- Pneumatic die cushion
- Slide knockout device
- Foot pedal switch
- Power take off shaft
Optional Accessories

Load monitor

Quick die change system [Q.D.C]

Automatic transfer device

Robot of automatism