



H - TYPE MECHANIC PRESSES



C - TYPE MECHANIC PRESSES

PRODUCT CATALOGUE

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ABOUT US:

- For 55 years, we have been serving in the machining and machinery sector and have been a solution partner to many companies. With our years of knowledge and expert staff, we have combined our production under the FRÖHLICH brand. We continue to provide important services and solutions to companies operating in sectors such as automotive, white goods and construction by producing eccentric Presses, transfer Presses and Presses lines. Our company, which attaches great importance to customer satisfaction, product and service quality and R&D investments, designs and manufactures special Presses to increase the production capacity and quality of its customers in addition to C type and H type Presses.
- Our Mission : To provide the most appropriate design, solution and service support with our experienced and competent team in order to meet the needs of our customers and increase productivity with our products. To provide fast, high quality and economical services to our customers at all times and under all conditions by offering customer-oriented projects suitable for customer-oriented needs. To be a trusted and monitored solution partner with our respect for people and the environment and our accurate and open communication approach.
- Our Vision To lead our sector with innovative applications in the machines we produce, to be the leader in Turkey and to have a say in the international market with its pioneering solutions and services and expertise that makes a difference.

TECHNICAL FEATURES

*Pneumatic Brake Clutch System (Air Clutch)

Pneumatic clutch-brake system is used in the Presses in order to increase work safety. The brake and clutch pads are mounted on a monolithic sheet metal. In this way, it is produced in such a way that it can operate without missing the necessary clutch and braking even at maximum mould loads.



*Eight Surface Bearing Ram system:

Fröhlich Presses draws attention with its strong ram structure in all Presses. With its long slide lengths, it has a total of eight surface bearings, two at the rear, four at the sides and two at the front.



*Motorised Ram Adjustment System

The motor reducer group mounted on the body gives movement to the ram group with the help of a joint to protect it from impacts that may occur in the ram group.



*Ram Adjustment Hydraulic Locking System

During mould adjustment, the hydraulic locking system unlocks the screw ball before the ram moves up and down. After the mould is set, the hydraulic clamping system automatically tightens the screw ball and the Presses is ready for operation.



***Gear System in Liquid Oil Reservoir**

Gear groups work in oil continuously in the liquid oil reservoir. In this way, deformations that will occur in the gears are minimised.



***Induction hardening and grinding is applied on gear groups:**

By applying induction hardening and grinding process to the gear groups, more resistant to all conditions and silent operation feature is gained.



GENERAL FEATURES

***Central Automatic Lubrication Pump:** Continuous lubrication is done automatically with the liquid or grease lubrication pump. The oil coming out of the pump lubricates all moving parts of the machine. If using liquid oil system then comes back to via oil filter the lubrication pump and ensures continuity.



***Double Coil Safety Valve System:**

Double coil valve system is preferred to ensure the safety of the operator. Even if one coil fails during the operation of the Presses, the spare coil is activated and the air evacuation is done quickly and braking is provided, keeping the work safety at the maximum level.



***Electric Panel:**

Plc, touch screen, motor forward-reverse control system, double hand button, foot pedal are available as standard in the equipment of electrical panels. The products used in panel assembly are the products of leading companies such as Siemens, Eaton, Allen-Bradley, Fatek.



***Photocell Barrier System:**

Photocell curtain and mechanical guillotine cover system are used in front and behind the machine to ensure the work safety of the operator working in the Presses.



***Hydraulic Overload Safety Device:** Hydraulic Overload Safety Device are carefully selected according to the speed and tonnage of the Presses. When the Presses is exposed to high tonnage, the system is activated and stops the Presses by protecting the Presses and mould. In order to start the system again, the system is activated by Pressing the reset button from the panel and the system is ready for operation.



***Pneumatic System:**

Festo products are preferred in Pneumatic Systems.



Compliance with *CE Directives: All our Presses are manufactured in accordance with CE directives. European origin CE compliant components are used in all our products.



***2 Year Manufacturing Guarantee:** Our machines are covered by a two-year warranty except for user faults.



OPTIONAL FEATURES

***Speed Control Unit:**

It is used to adjust the current speed of the Presses. In the case of moulds working with the driver, if the driver is not able to catch up, the speed of the inverter is reduced and the speed of the driver is reduced to the speed that the driver can drive.



***Additional Table:**

In mould changes, over-opening of the regulation setting causes deformations in the regulation shaft (Sphere Screw) over time. By using the spare table, over-opening of the regulation is prevented and thus the deformation in the shaft is reduced.



***Automatic Sliding Cover System:**

The photocell system is an effective system to stop the machine for work safety, but it cannot prevent a part flying out of the mould during printing. For this reason, the sliding cover system is used and protects the machine and personnel in full safety in cases where the photocell fails.





C TYPE PRESSES

From 40 to 250 TON

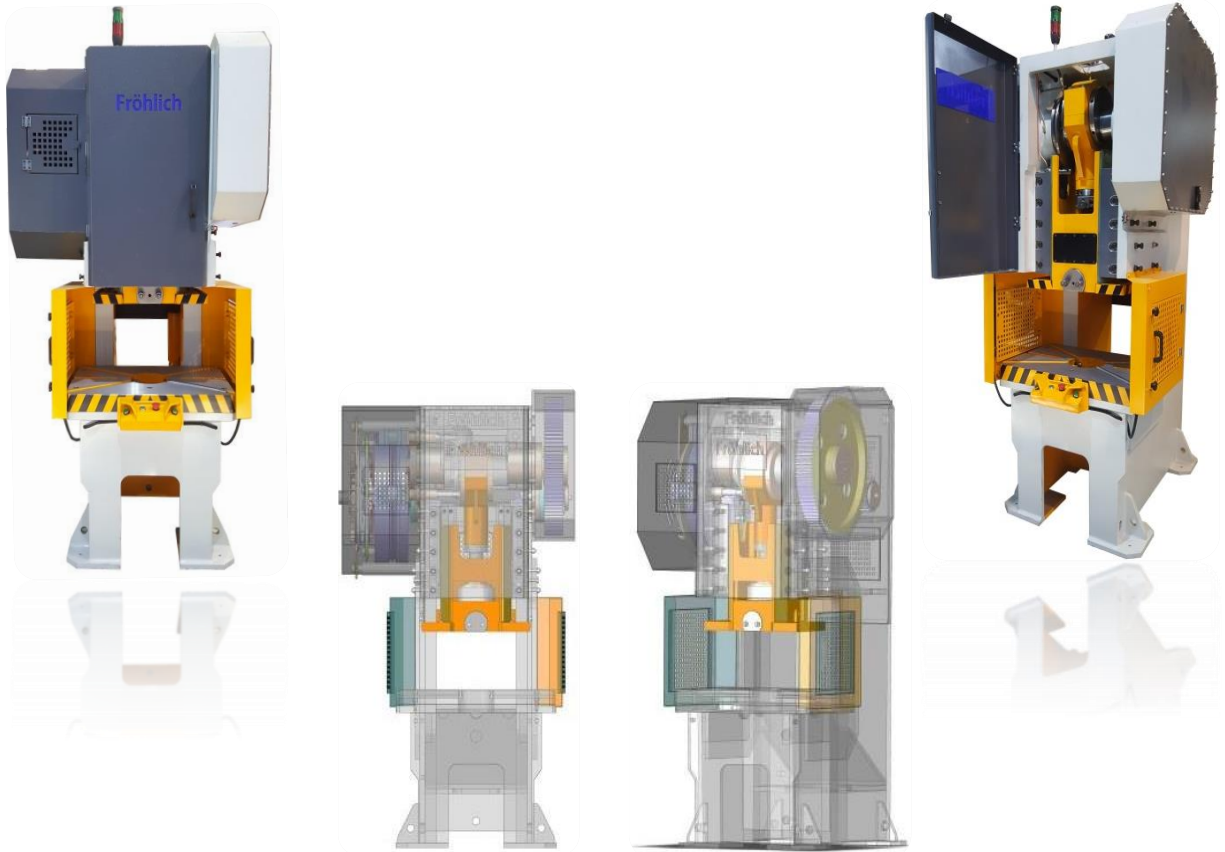
FRC-400 C type 40 ton PRESS



TECHNICAL FEATURES

Power	: 40 Ton
Stroke Adjustment (Semi Automatic)	: 5 - 70 mm
Ram Adjustment	: 70 mm
Max. Table Ram Distance	: 345 mm
Max. Closed Mold Height	: 275 mm
Speed per minute	: 130 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 Pcs.
Dimensions of Ram Plate	: 460x310 mm
Dimensions of Bolster Plate	: 700x450 mm
Lubrication System	: Automatic Greas
Main Motor	: 3 kw
Approximately Weight	: 2.750 kg

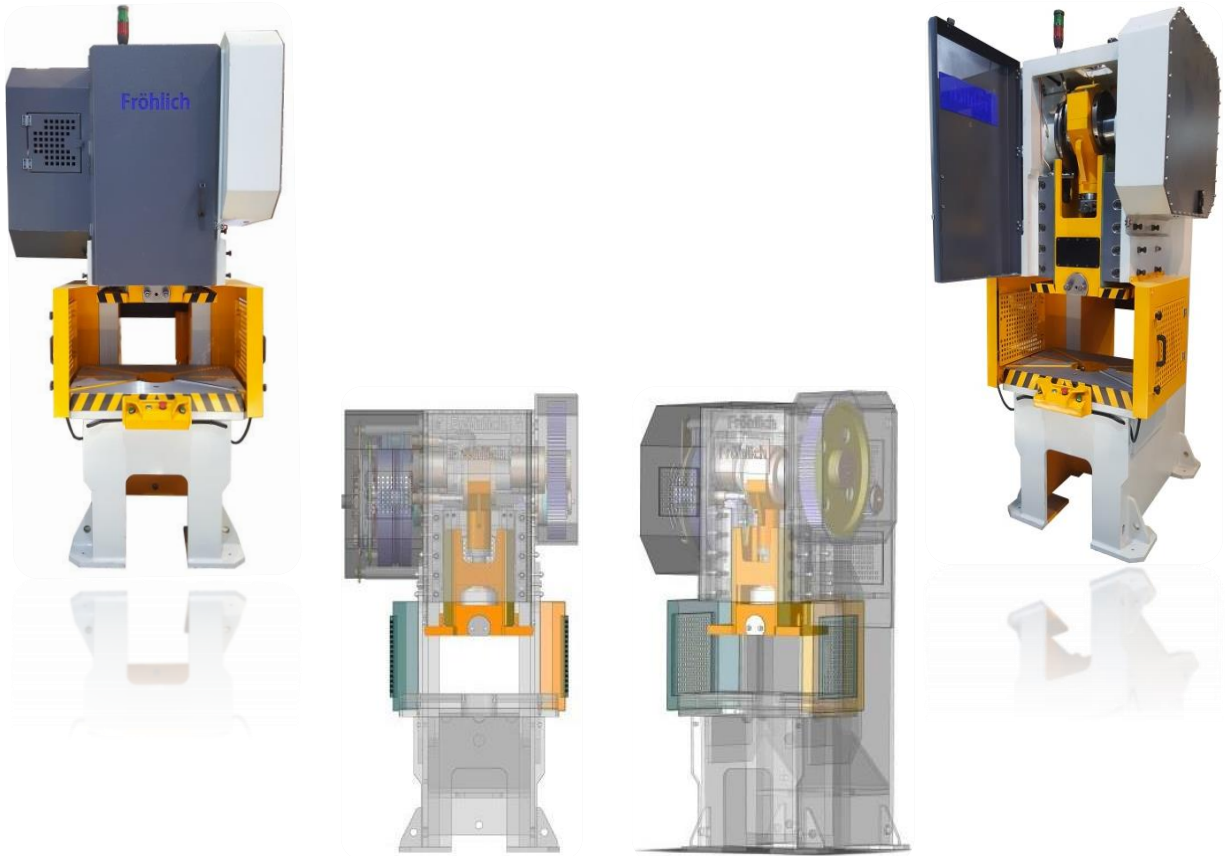
FRC-600 C type 60 ton PRESS



TECHNICAL FEATURES

Power	: 60 ton
Stroke Adjustment (Semi Automatic)	: 20 - 100 mm
Ram Adjustment	: 80 mm
Max. Table Ram Distance	: 410 mm
Max. Closed Mold Height	: 310 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 580 x 350
Dimensions of Bolster Plate	: 850x570
Lubrication System	: Automatic Greas
Main Motor	: 5,5 kw
Approximately Weight	: 5.000 kg

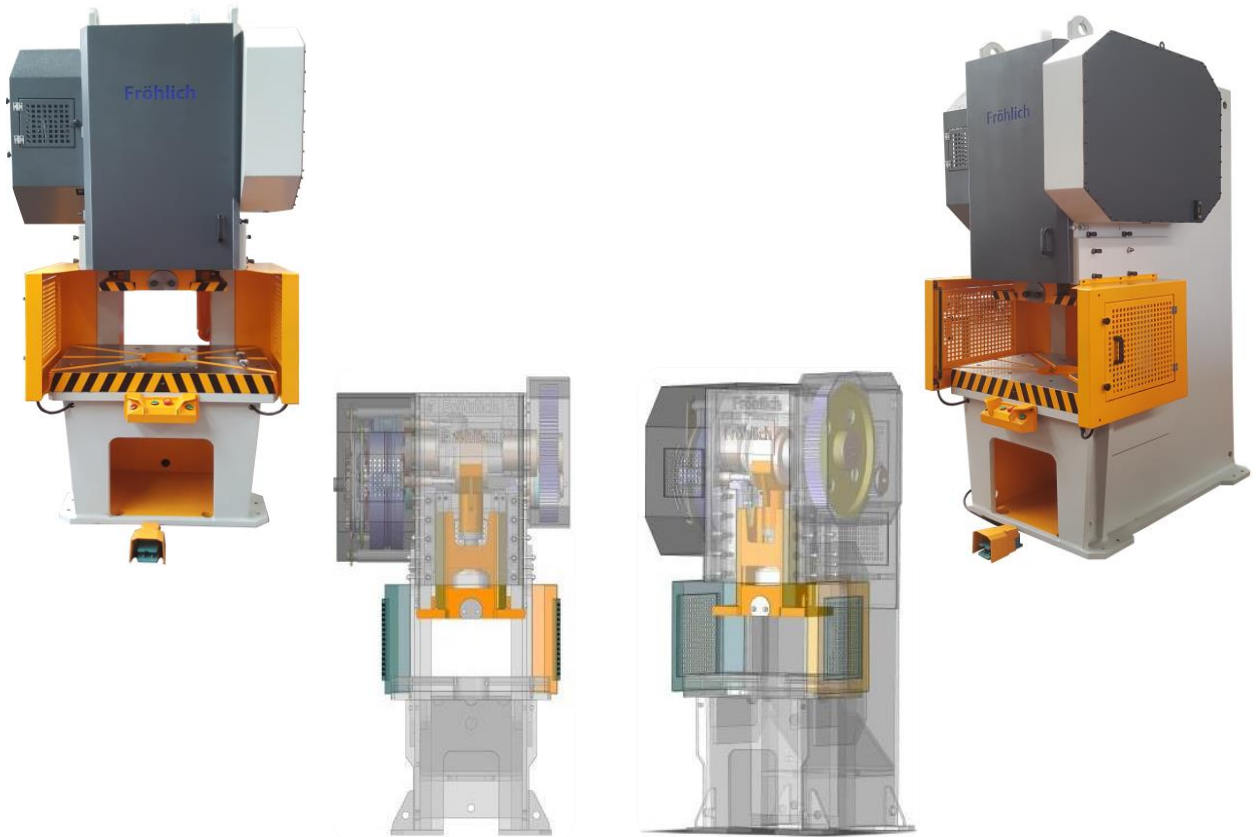
FRC-800 C type 80 ton PRESS



TECHNICAL FEATURES

Power	: 80 ton
Stroke Adjustment (Semi Automatic)	: 20 - 100 mm
Ram Adjustment	: 80 mm
Max. Table Ram Distance	: 430 mm
Max. Closed Mold Height	: 330 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 580x350
Dimensions of Bolster Plate	: 850x570
Lubrication System	: Automatic Greas
Main Motor	: 7,5 kw
Approximately Weight	: 5.300 kg

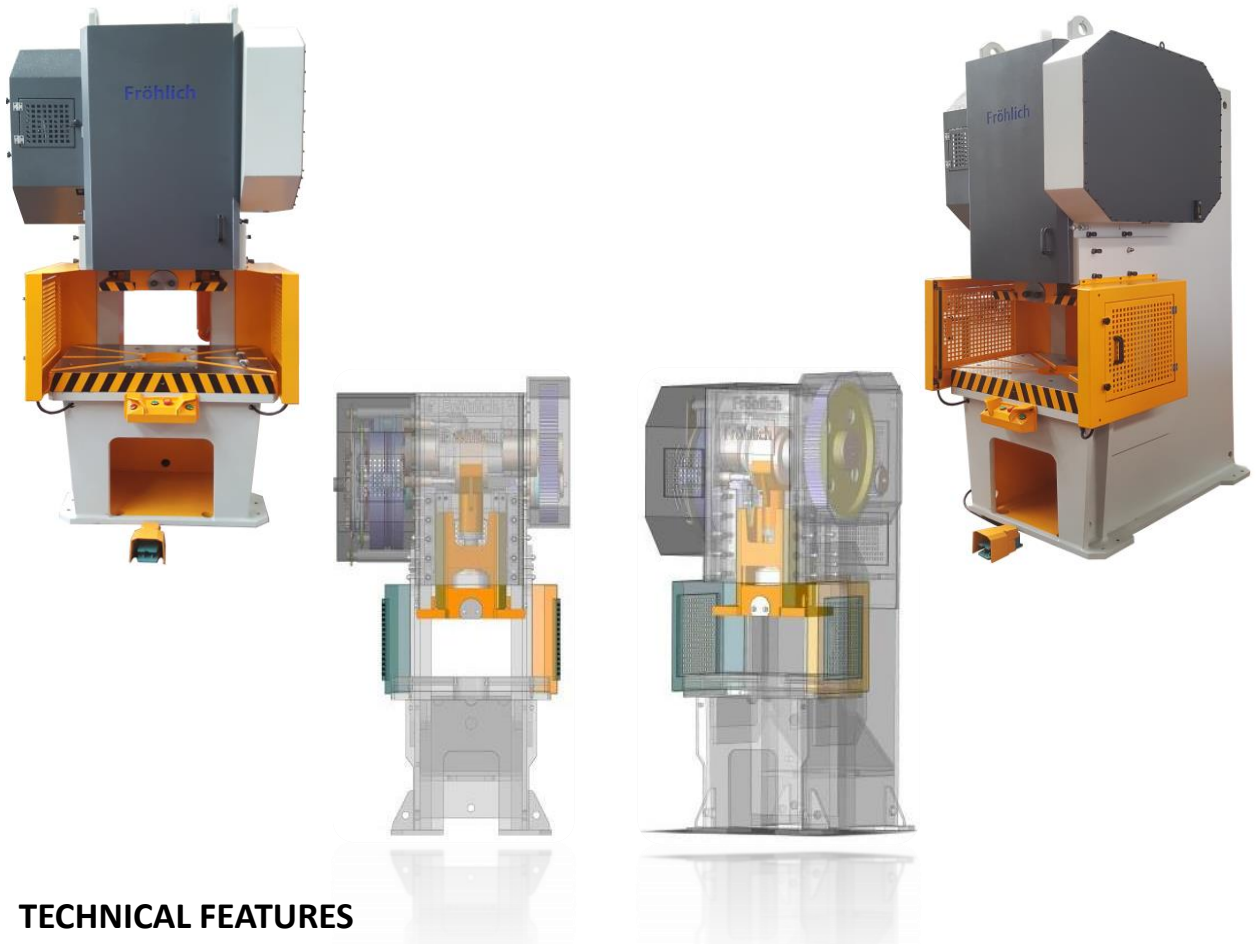
FRC-1000 C type 100 ton PRESS



TECHNICAL FEATURES

Power	: 100 ton
Stroke Adjustment (Semi Automatic)	: 20 - 120 mm
Ram Adjustment	: 100 mm
Max. Table Ram Distance	: 480 mm
Max. Closed Mold Height	: 360 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 580x350
Dimensions of Bolster Plate	: 1000x620
Lubrication System	: Automatic Greas
Main Motor	: 7,5 kw
Approximately Weight	: 7.000 kg

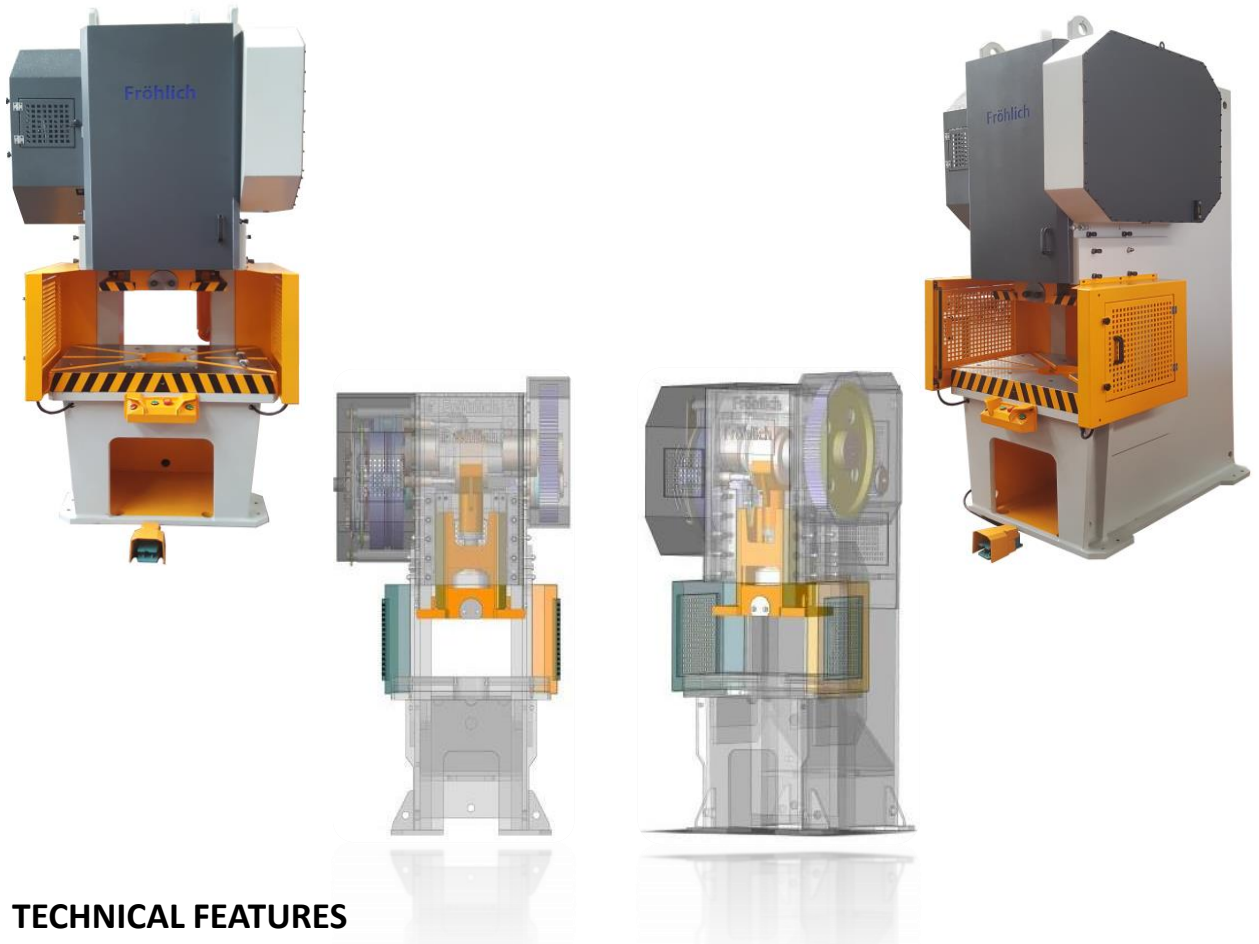
FRC-1250 C type 125 ton PRESS



TECHNICAL FEATURES

Power	: 125 ton
Stroke Adjustment (Semi Automatic)	: 20 - 120 mm
Ram Adjustment	: 100 mm
Max. Table Ram Distance	: 480 mm
Max. Closed Mold Height	: 360 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 580x350
Dimensions of Bolster Plate	: 1000x620
Lubrication System	: Automatic Greas
Main Motor	: 11 kw
Approximately Weight	: 7.500 kg

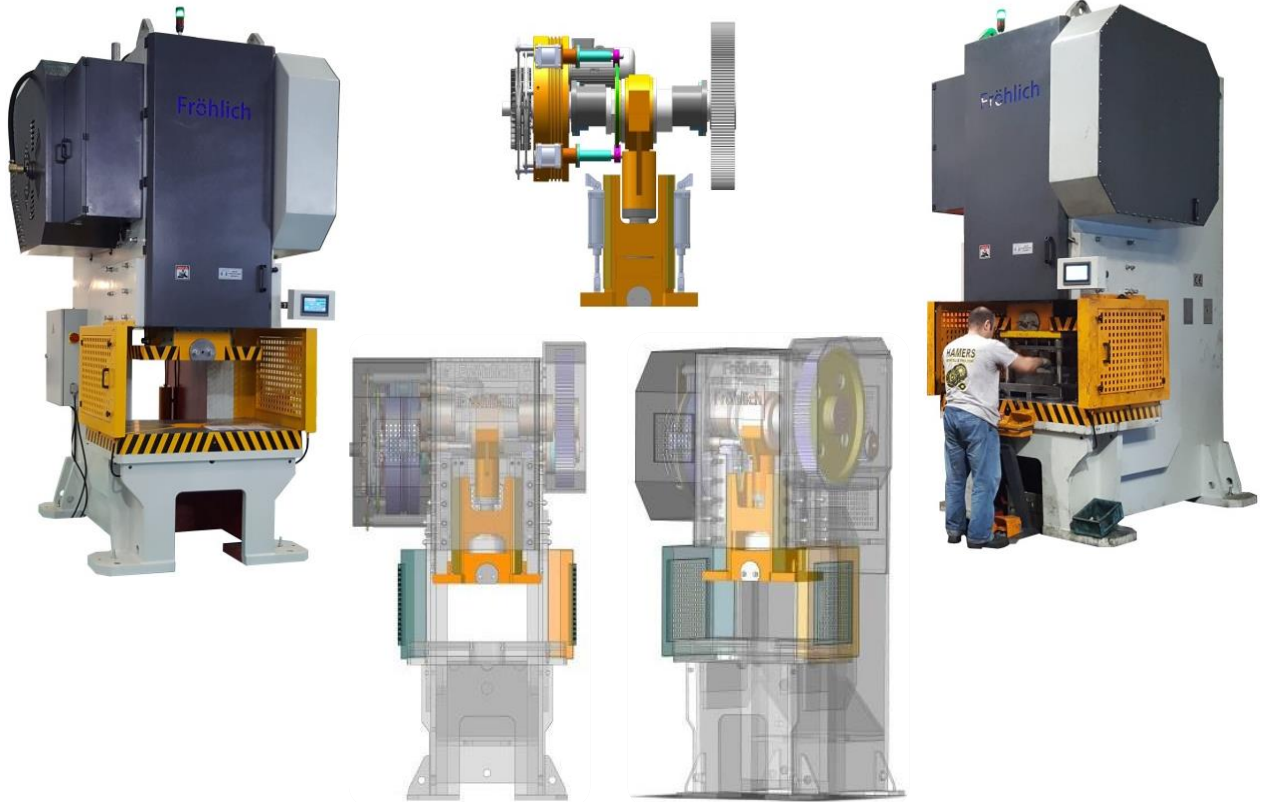
FRC-1600 C type 160 ton PRESS



TECHNICAL FEATURES

Power	: 160 ton
Stroke Adjustment (Semi Automatic)	: 20 - 130 mm
Ram Adjustment	: 100 mm
Max. Table Ram Distance	: 510 mm
Max. Closed Mold Height	: 380 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 680x430
Dimensions of Bolster Plate	: 1100x700
Lubrication System	: Automatic Greas
Main Motor	: 11 kw
Approximately Weight	: 12.500 kg

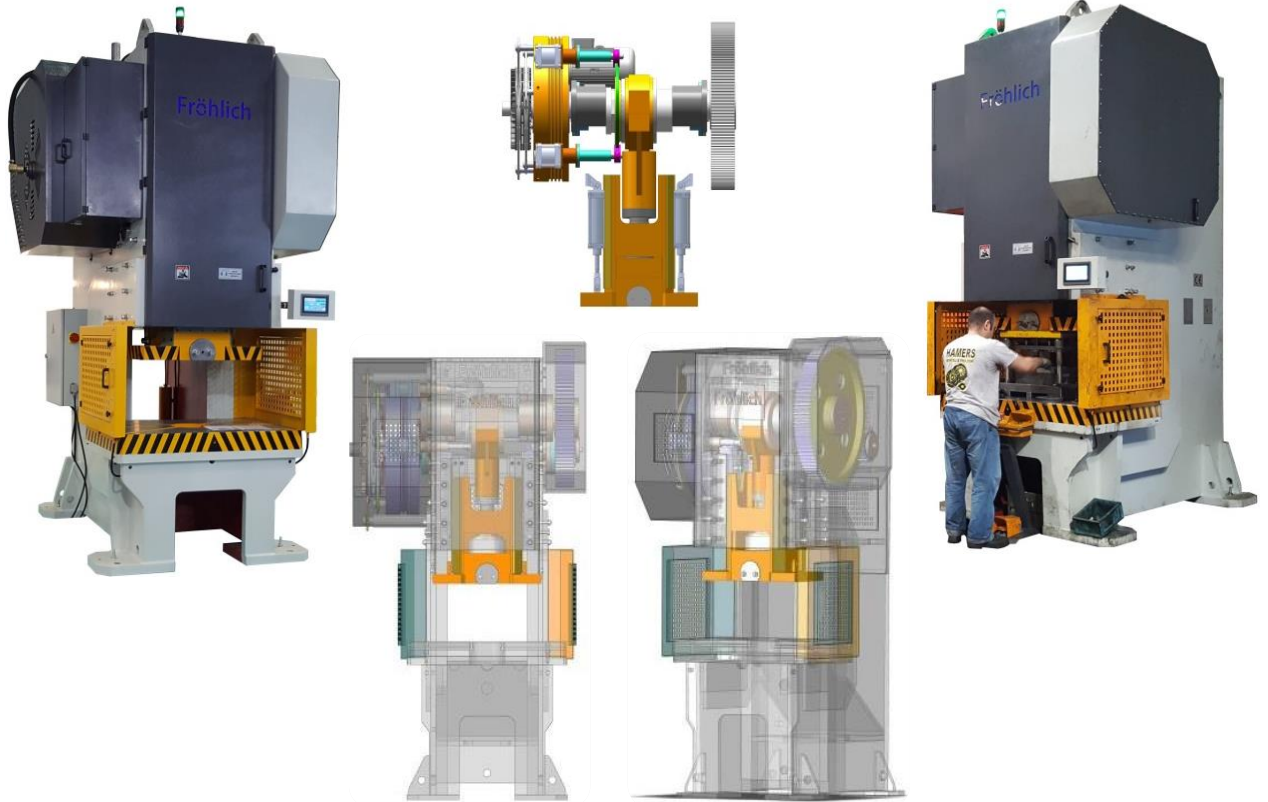
FRC-2000 C type 200 ton PRESS



TECHNICAL FEATURES

Power	: 200 ton
Stroke Adjustment (Semi Automatic)	: 20 - 140 mm
Ram Adjustment	: 110 mm
Max. Table Ram Distance	: 560 mm
Max. Closed Mold Height	: 420 mm
Speed per minute	: 50 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 950x600
Dimensions of Bolster Plate	: 1200x800
Lubrication System	: Automatic Greas
Main Motor	: 15 kw
Approximately Weight	: 14.500 kg

FRC-2500 C type 250 ton PRESS



TECHNICAL FEATURES

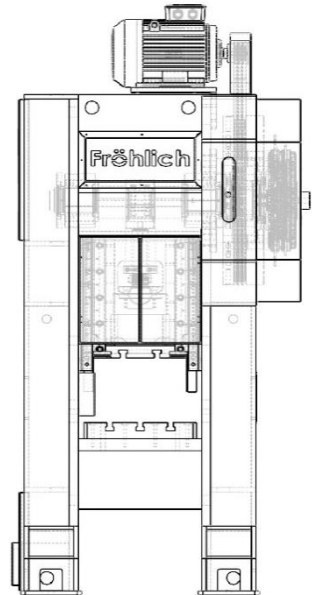
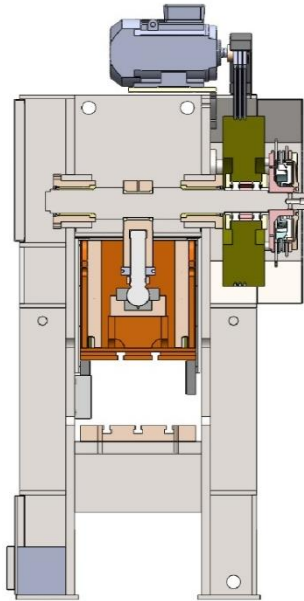
Power	: 250 ton
Stroke Adjustment (Semi Automatic)	: 20 - 160 mm
Ram Adjustment	: 120 mm
Max. Table Ram Distance	: 610 mm
Max. Closed Die Height	: 450 mm
Speed per minute	: 50 rpm
Ram Slide s Faced Qty.	: 6 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 1050x600
Dimensions of Bolster Plate	: 1300x900
Lubrication System	: Automatic Greas
Main Motor	: 18,5 kw
Approximately Weight	: 21.000 kg



H-TYPE PRESSES

60 <=> 630 TON

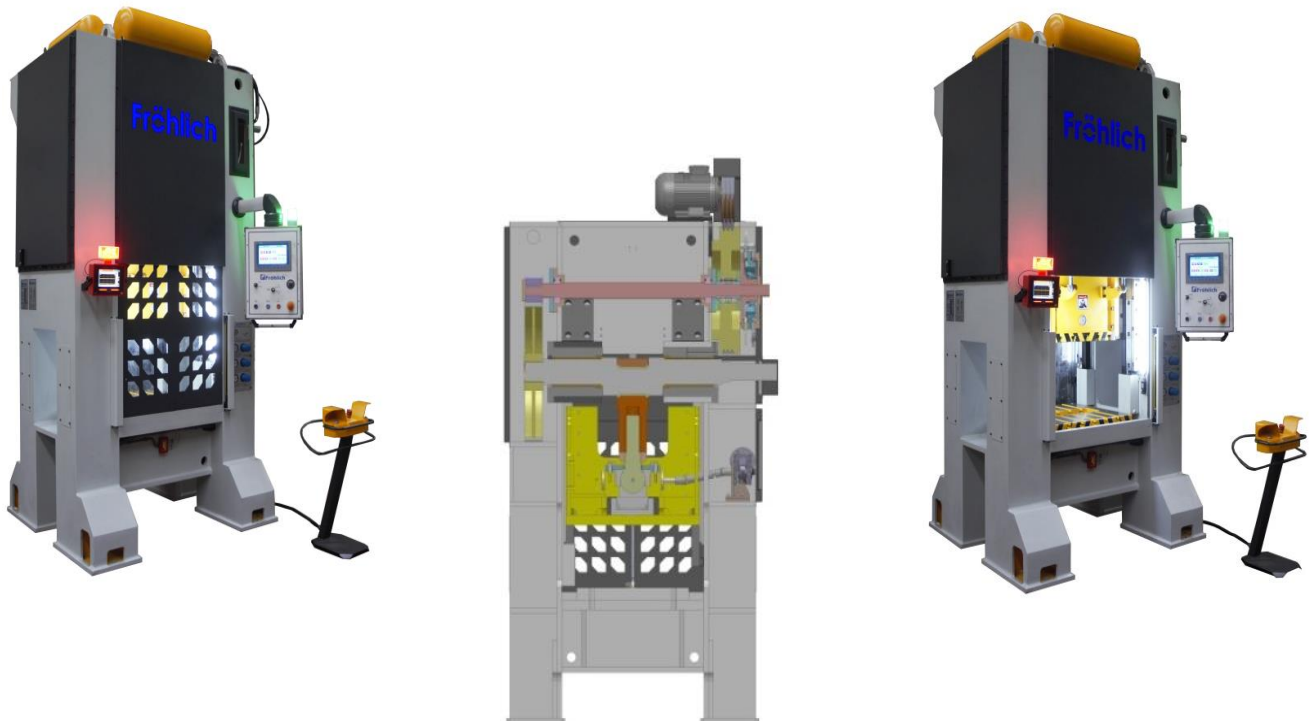
FRH-600 H type 60 ton PRESS



TECHNICAL FEATURES

Power	: 60 ton
Fixed Stroke	: 40 mm
Ram Adjustment	: 60 mm
Max. Table Ram Distance	: 340 mm
Max. Closed Die Height	: 300 mm
Speed per minute	: 30 - 120 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 500 x 400 mm
Dimensions of Bolster Plate	: 500 x 450 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 5,5 kw
Approximately Weight	: 4.500 kg

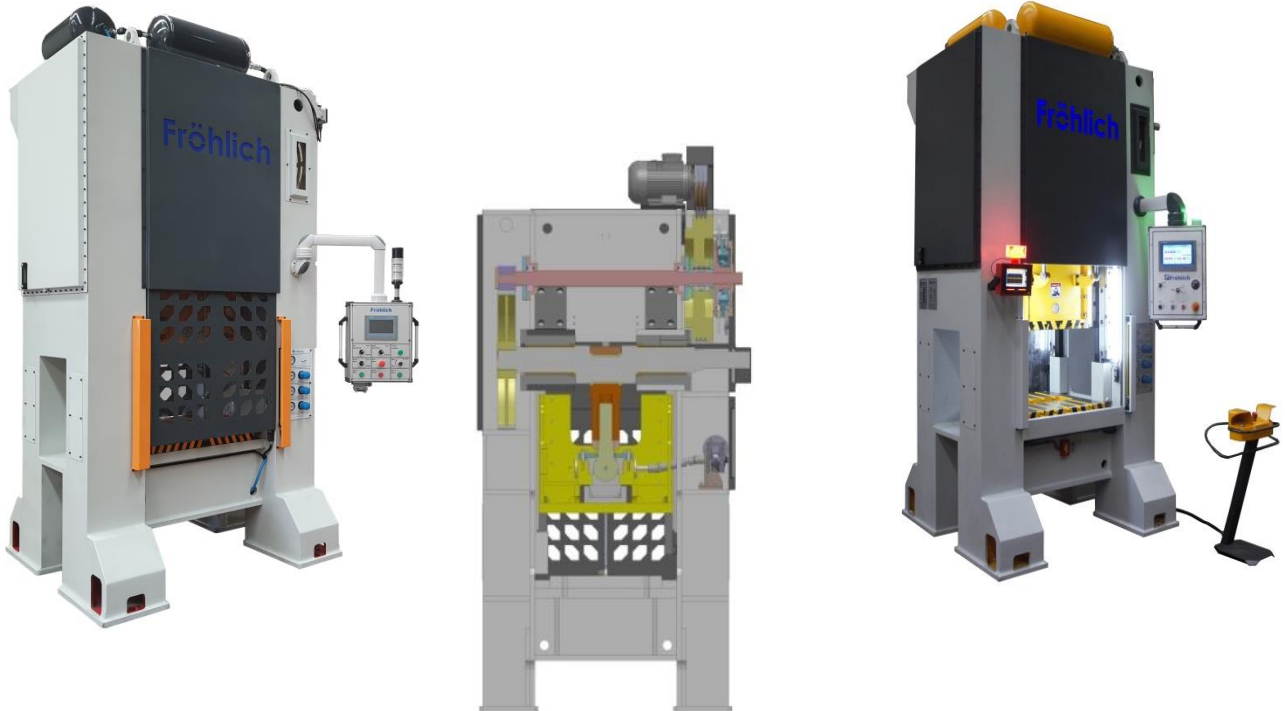
FRH-1000 H type 100 ton PRESS



TECHNICAL FEATURES

Power	: 100 ton
Fixed Stroke	: 110 mm
Ram Adjustment	: 90 mm
Max. Table Ram Distance	: 480 mm
Max. Closed Die Height	: 370 mm
Speed per minute	: 30 - 120 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 845 x 550 mm
Dimensions of Bolster Plate	: 850 x 750 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 7,5 kw
Approximately Weight	: 8.500 kg

FRH-1500 H type 150 ton PRESS



TECHNICAL FEATURES

Power	: 150 ton
Fixed Stroke	: 130 mm
Ram Adjustment (otomatik)	: 110 mm
Max. Table Ram Distance	: 530 mm
Max. Closed Die Height	: 400 mm
Speed per minute	: 90 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1000 x 790 mm
Dimensions of Bolster Plate	: 1000 x 800 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 15 kw
Approximately Weight	: 12.500 kg

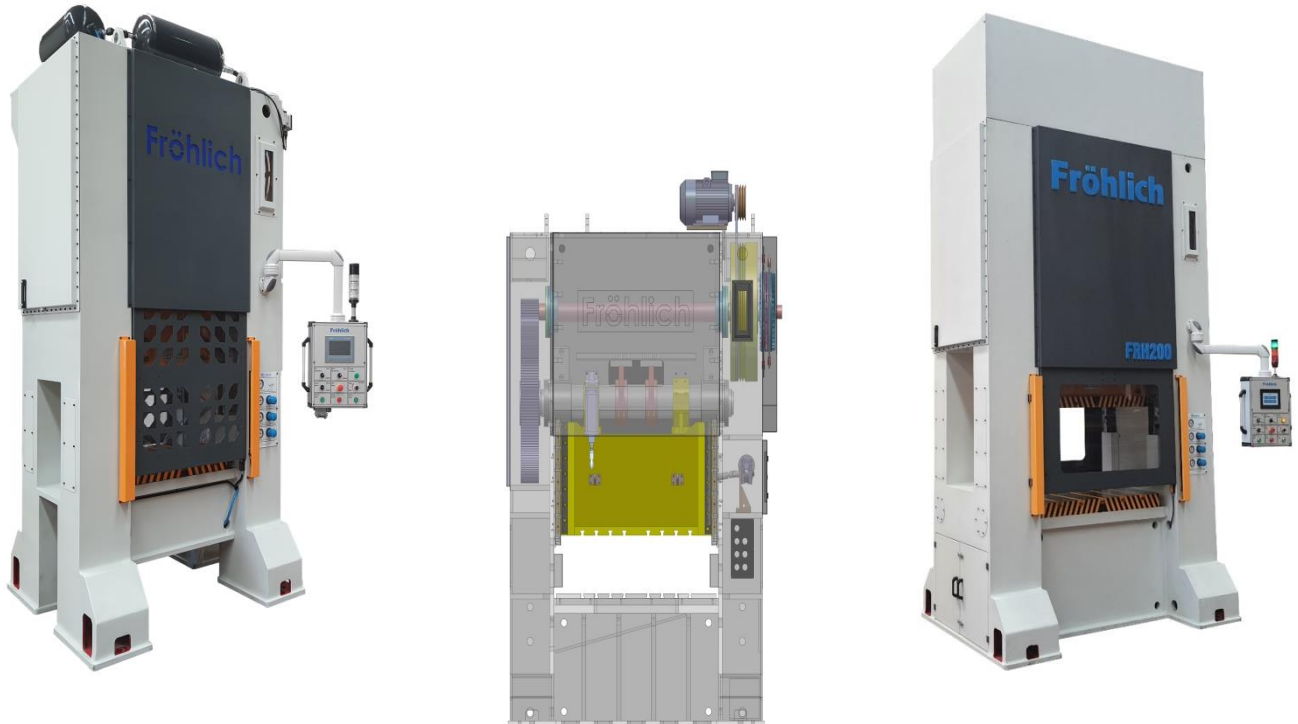
FRH-2000 H type 200 ton PRESS



TECHNICAL FEATURES

Power	: 200 ton
Fixed Stroke	: 150 mm
Ram Adjustment (Otomatik)	: 120 mm
Max. Table Ram Distance	: 650 mm
Max. Closed Die Height	: 500 mm
Speed per minute	: 60
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1310 x 680 mm
Dimensions of Bolster Plate	: 1300 x 800 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 22 kw
Approximately Weight	: 18.000 kg

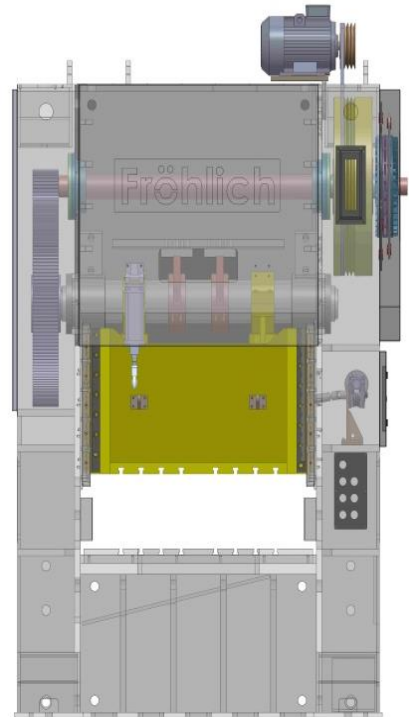
FRHT-2000 H type 200 ton PRESS



TECHNICAL FEATURES

Power	: 200 ton
Fixed Stroke	: 140 mm
Ram Adjustment	: 110 mm
Max. Table Ram Distance	: 560 mm
Max. Closed Die Height	: 420 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1100 x 790 mm
Dimensions of Bolster Plate	: 1100 x 800 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 18,5 kw
Approximately Weight	: 14.000 kg

FRH-2500 H type 250 ton PRESS



TECHNICAL FEATURES

Power	: 250 ton
Fixed Stroke	: 150 mm
Ram Adjustment (Otomatik)	: 120 mm
Max. Table Ram Distance	: 600 mm
Max. Closed Die Height	: 450 mm
Speed per minute	: 60
Ram Slides Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1300 x 790 mm
Dimensions of Bolster Plate	: 1300 x 800 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 22 kw
Approximately Weight	: 18.000 kg

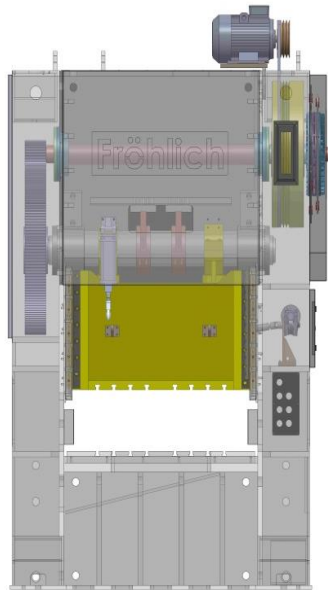
FRHT-2500 H type 250 ton PRESS



TECHNICAL FEATURES

Power	: 250 ton
Fixed Stroke	: 150 mm
Ram Adjustment (Otomatik)	: 120 mm
Max. Table Ram Distance	: 650 mm
Max. Closed Die Height	: 500 mm
Speed per minute	: 60
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1200 x 790 mm
Dimensions of Bolster Plate	: 1200 x 800 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 22 kw
Approximately Weight	: 18.000 kg

FRH-3000 H type 300 ton PRESS



TECHNICAL FEATURES

Power	: 300 ton
Fixed Stroke	: 200 mm
Ram Adjustment	: 100 mm
Max. Table Ram Distance	: 600 mm
Max. Closed Die Height	: 400 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1500 x 900 mm
Dimensions of Bolster Plate	: 1500 x 1000 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 30 kw
Approximately Weight	: 25.000 kg

FRHT-3000 H type 300 ton PRESS



TECHNICAL FEATURES

Power	: 300 ton
Fixed Stroke	: 200 mm
Ram Adjustment (Otomatik)	: 120 mm
Max. Table Ram Distance	: 600 mm
Max. Closed Die Height	: 400 mm
Speed per minute	: 60 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1300 x 1000 mm
Dimensions of Bolster Plate	: 1300 x 1000 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 30 kw
Approximately Weight	: 23.500 kg

FRH-4000 H type 400 ton PRESS



Quick Die Change System



Hydraulic Over Load Safety Device

TECHNICAL FEATURES

Power	: 400 ton
Fixed Stroke	: 200 mm
Ram Adjustment	: 130 mm
Max. Table Ram Distance	: 600 mm
Max. Closed Die Height	: 400 mm
Speed per minute	: 30 - 60 rpm
Ram Slides Faced Qty.	: 8 pcs
Crank Shaft Qty	: 2 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 1500 X 1100 mm
Dimensions of Bolster Plate	: 1500 X 1200 mm
Lubrication System	: Recycling Liquid Lubrication System
Main Motor	: 37 kw
Approximately Weight	: 35.000 kg

FRHT-4000 H type 400 ton PRESS



Single Connection Rod

TECHNICAL FEATURES

Power	: 400 ton
Fixed Stroke	: 200 mm
Ram Adjustment (Otomatik)	: 130 mm
Max. Table Ram Distance	: 700 mm
Max. Closed Die Height	: 500 mm
Speed per minute	: 60
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1300 x 1100 mm
Dimensions of Bolster Plate	: 1300 x 1200 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 37 kw
Approximately Weight	: 32.500 kg

FRH-5000 H type 500 ton PRESS



Quick Die Change System



Hydraulic Over Load Safety Device

TECHNICAL FEATURES

Power	: 500 ton
Fixed Stroke	: 250 mm
Ram Adjustment	: 150 mm
Max. Table Ram Distance	: 800 mm
Max. Closed Die Height	: 550 mm
Speed per minute	: 30 - 60 rpm
Ram Slides Faced Qty.	: 8 pcs
Crank Shaft Qty	: 2 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 1800 X 1100 mm
Dimensions of Bolster Plate	: 1800 X 1200 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 55 kw
Approximately Weight	: 60.000 kg



HIGH SPEED PRESSES

40 <=> 100 TON

FRHTL-400 H type 40 ton High Speed PRESS



Single Connection Rod



TECHNICAL FEATURES

Power	: 40 ton
Fixed Stroke	: 30 mm
Ram Adjustment	: 60 mm
Max. Table Ram Distance	: 300mm
Max. Closed Die Height	: 270 mm
Speed per minute	: 100 - 300 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 450x450 mm
Dimensions of Bolster Plate	: 500x450 mm
Lubrication System	: Greas Lubrication
Main Motor	: 5,5 kw
Approximately Weight	: 3.500 kg

FRHL-600 H type 60 ton High Speed PRESS



Double Connection Rods

TECHNICAL FEATURES

Power	: 60 ton
Fixed Stroke	: 35 mm
Ram Adjustment	: 60 mm
Max. Table Ram Distance	: 335 mm
Max. Closed Die Height	: 300 mm
Speed per minute	: 100 - 300 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 560x415 mm
Dimensions of Bolster Plate	: 600x450 mm
Lubrication System	: Greas Lubrication
Main Motor	: 7,5 kw
Approximately Weight	: 6.000 kg

FRHTL-600 H type 60 ton High Speed PRESS



Single Connection Rods



TECHNICAL FEATURES

Power	: 60 ton
Fixed Stroke	: 30 mm
Ram Adjustment	: 60 mm
Max. Table Ram Distance	: 330 mm
Max. Closed Die Height	: 300 mm
Speed per minute	: 100 - 300 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 450x450 mm
Dimensions of Bolster Plate	: 500x450 mm
Lubrication System	: Greas Lubrication
Main Motor	: 7,5 kw
Approximately Weight	: 5.000 kg

FRHL-800 H type 80 ton High Speed PRESS

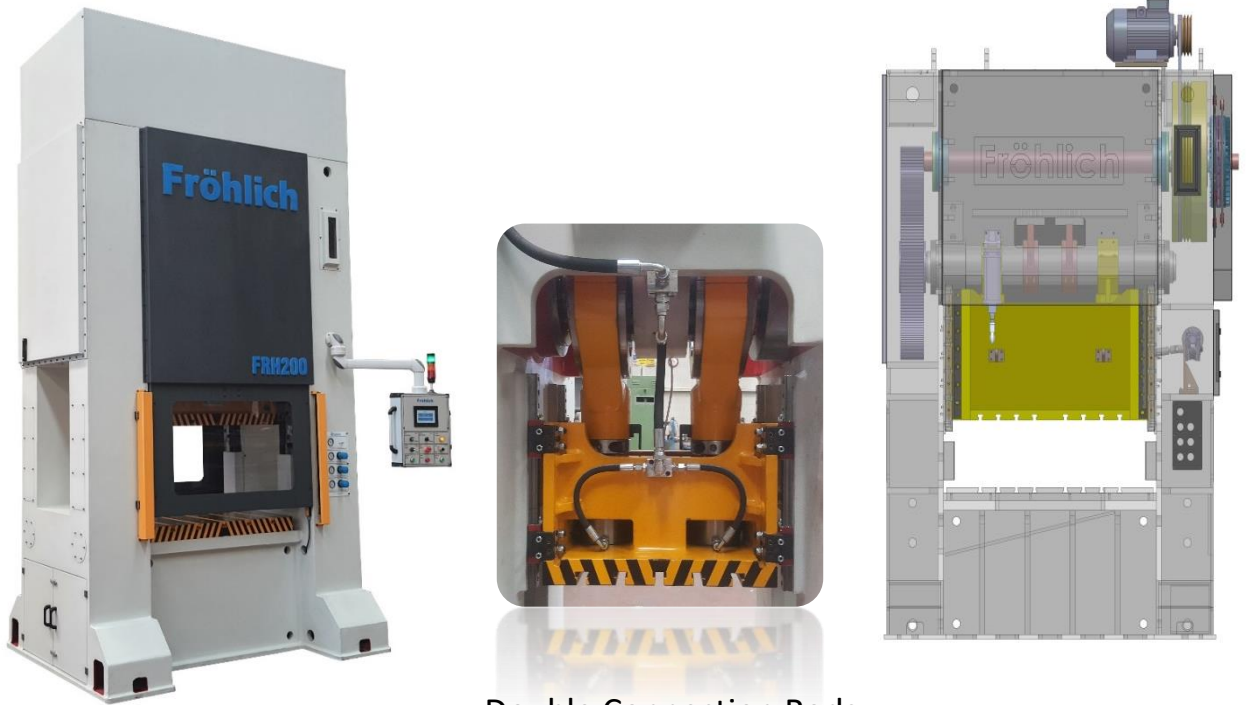


Double Connection Rods

TECHNICAL FEATURES

Power	: 80 ton
Fixed Stroke	: 40 mm
Ram Adjustment	: 60 mm
Max. Table Ram Distance	: 350 mm
Max. Closed Die Height	: 310 mm
Speed per minute	: 200 - 500 rpm
Ram Slide s Faced Qty. (Linear)	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1000x600 mm
Dimensions of Bolster Plate	: 1000x800 mm
Lubrication System	: Greas Lubrication
Main Motor	: 15 kw
Approximately Weight	: 12.000 kg

FRHL-1000 H type 100 ton High Speed PRESS



Double Connection Rods

TECHNICAL FEATURES

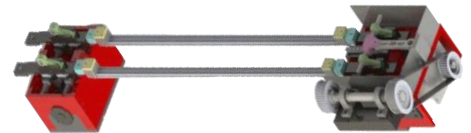
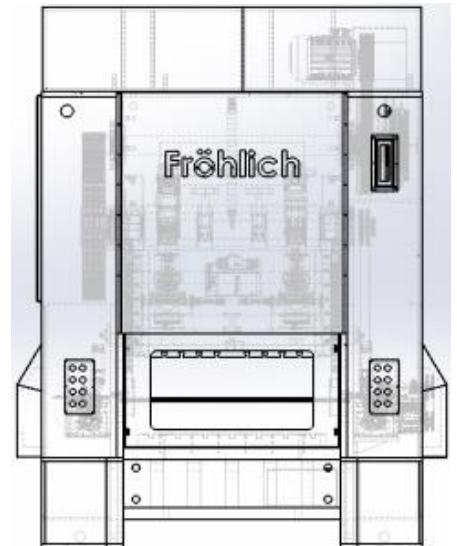
Power	: 100 ton
Fixed Stroke	: 30 mm
Ram Adjustment (Otomatik)	: 60 mm
Max. Table Ram Distance	: 430 mm
Max. Closed Die Height	: 400 mm
Speed per minute	: 100 - 250 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1250x680 mm
Dimensions of Bolster Plate	: 1250x800 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 15 kw
Approximately Weight	: 12.000 kg



TRANSFER PRESSES

150 <=> 250 TON

FRH/TR-1500 H type 150 ton Transfer PRESS



TECHNICAL FEATURES

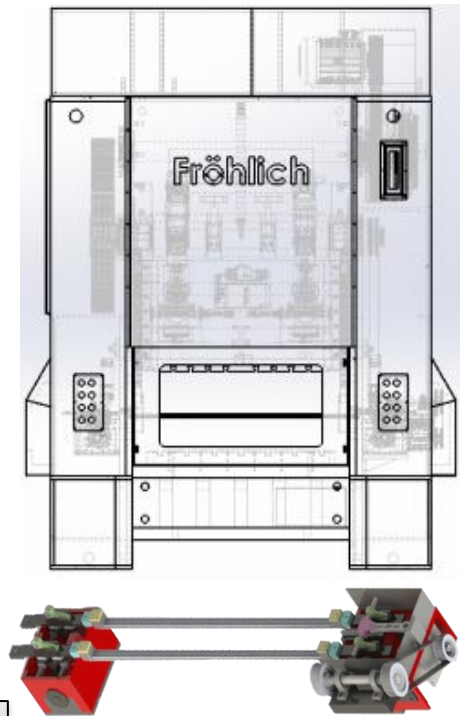
PRESS

Power	: 150 ton
Fixed Stroke	: 150 mm
Ram Adjustment	: 120 mm
Max. Table Ram Distance	: 750 mm
Max. Closed Die Height	: 600 mm
Speed per minute	: 30 - 120 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1700 x 670 mm
Dimensions of Bolster Plate	: 1500 x 600 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 18,5 kw
Approximately Weight %+-5	: 22.000 kg

MECHANIC TRANSFER

Mechanism System	: Mechanic
Body Structure	: cast iron
Transmission Systems	: Triger Belt
Index Movement System	: Linear Bearing (8 pcs) + Index Gearbox
Mould Holding System	: Linear Bearing (8 pcs)
Index Fuse (activated in case of jamming)	: Pneumatic
Mould Holder Opening System (used in mould interventions)	: Pneumatic
index movement stroke	: 150 mm (Changable with Customer demand)
Mould Holding Stroke (Opening-Closing)	: 126 mm (Changable with Customer demand)
Transfer Mould Part Holders	: 20 pcs

FRH/TR-1600 H type 160 ton Transfer PRESS



TECHNICAL FEATURES

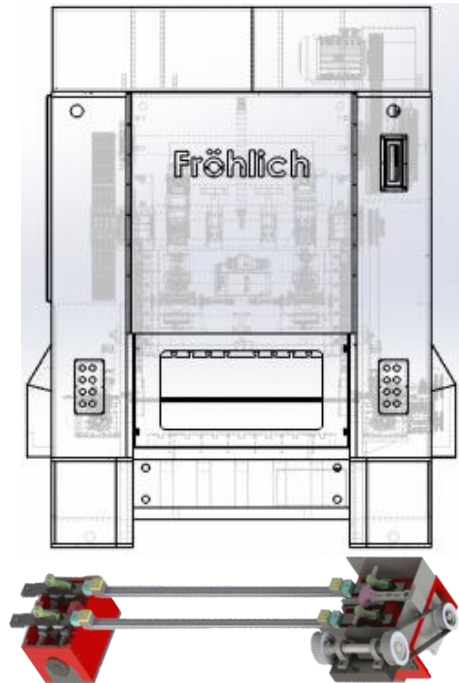
PRESS

Power	: 160 ton
Fixed Stroke	: 150 mm
Ram Adjustment	: 120 mm
Max. Table Ram Distance	: 750 mm
Max. Closed Die Height	: 600 mm
Speed per minute	: 30 - 120 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 2150 x 670 mm
Dimensions of Bolster Plate	: 2050 x 800 mm
Lubrication System	: recycling Liquid Lubrication
Main Motor	: 22 kw
Approximately Weight %+-5	: 35.000 kg

MECHANIC TRANSFER

Mechanism System	: Mechanic
Body Structure	: Cast iron
Transmission Systems	: Triger Belt
Index Movement System	: Linear Bearing (8 pcs) + Index Gearbox
Mould Holding System	: Linear Bearing (8 pcs)
Index Fuse (activated in case of jamming)	: Pneumatic
Mould Holder Opening System (used in mould interventions)	: Pneumatic
index movement stroke	: 150 mm (Changable according customer Demand)
Mould Holding Stroke (Opening-Closing)	: 126 mm (Changable according customer Demand)
Transfer Mould Part Holders	: 26 pcs

FRH/TR-2000 H type 200 ton Transfer PRESS



TECHNICAL FEATURES

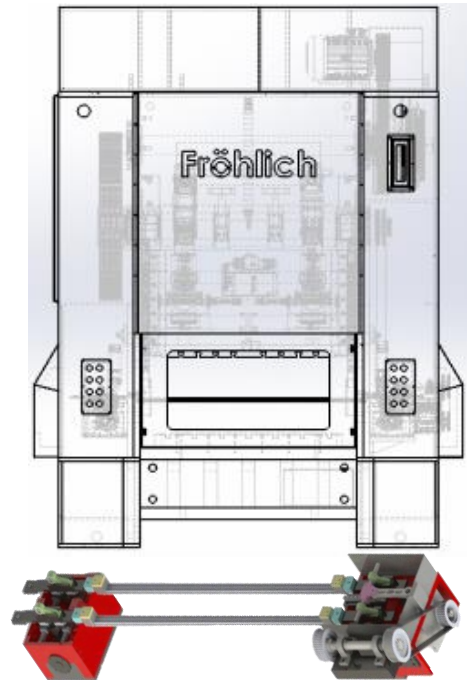
PRESS

Power	: 200 ton
Fixed Stroke	: 150 mm
Ram Adjustment	: 120 mm
Max. Table Ram Distance	: 750 mm
Max. Closed Die Height	: 600 mm
Speed per minute	: 60 - 120 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 1700 x 670 mm
Dimensions of Bolster Plate	: 1500 x 600 mm
Lubrication System	: Recycling Liquid Lubrication
Main Motor	: 22 kw
Approximately Weight %+-5	: 27.000 kg

MECHANIC TRANSFER

Mechanism System	: Mechanic
Body Structure	: Cast iron
Transmission Systems	: Triger Belt
Index Movement System	: Linear Bearing (8 pcs) + Index Gearbox
Mould Holding System	: Linear Bearing (8 pcs)
Index Fuse (activated in case of jamming)	: Pneumatic
Mould Holder Opening System (used in mould interventions)	: Pneumatic
index movement stroke	150 mm (Changable according customer Demand)
Mould Holding Stroke (Opening-Closing)	126 mm (Changable according customer Demand)
Transfer Mould Part Holders	: 20 pcs

FRH/TR-2500 H type 250 ton Transfer PRESS



TECHNICAL FEATURES

PRESS

Power	: 250 ton
Fixed Stroke	: 150 mm
Ram Adjustment	: 120 mm
Max. Table Ram Distance	: 750 mm
Max. Closed Die Height	: 600 mm
Speed per minute	: 30 - 120 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 2 pcs
Ram Balancing Pistons	: 4 pcs
Dimensions of Ram Plate	: 2150 x 670 mm
Dimensions of Bolster Plate	: 2050 x 800 mm
Lubrication System	recycling Liquid Lubrication
Main Motor	: 30 kw
Approximately Weight %+-5	: 35.000 kg

MECHANIC TRANSFER

Mechanism System	: Mechanic
Body Structure	: Cast iron
Transmission Systems	: Triger Belt
Index Movement System	: Linear Bearing (8 pcs) + Index Gearbox
Mould Holding System	: Linear Bearing (8 pcs)
Index Fuse (activated in case of jamming)	: Pneumatic
Mould Holder Opening System (used in mould interventions)	: Pneumatic
index movement stroke	150 mm mm (Changable according customer Demand)
Mould Holding Stroke (Opening-Closing)	126 mm mm (Changable according customer Demand)
Transfer Mould Part Holders	: 26 pcs



FORGING PRESSES

+/- 250 TON

FRHD-2500 H type 250 ton Forging PRESS



TECHNICAL FEATURES

Power	: 250 ton
Fixed Stroke	: 200 mm
Ram Adjustment (Otomatik)	: 100 mm
Max. Table Ram Distance	: 430 mm
Max. Closed Die Height	: 620 mm
Speed per minute	: 80 rpm
Ram Slide s Faced Qty.	: 8 pcs
Crank Shaft Qty	: 1 pcs
Connection Rod Qty	: 1 pcs
Ram Balancing Pistons	: 2 pcs
Dimensions of Ram Plate	: 910 x 585 mm
Dimensions of Bolster Plate	: 925 x 585 mm
Lubrication System	: recycling Liquid Lubrication
Main Motor	: 22 kw
Approximately Weight	: 20.000 kg



FRHL50 / 800SPM



FRC3150 / 315 TON C TYPE



FRHY60 HORIZONTAL PRESS



FRHS-630 630 TON ÖZEL H TYPE

Special PRESS manufacturing according to customer needs and demands

SPECIAL PRESSES

40 - 630 TON

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Press and Automation Manufacturing Industry
Abdurrahman Gazi Mah. Güteryüz Cad. No 8/5 34887
Sancaktepe – İSTANBUL

Tel : +90 (216) 508 15 23 / +90 531 777 76 85
Faks : +90 (216) 508 15 24

E-mail: mustafa.ediz@frohlich.com.tr

Web Page : www.frohlich.com.tr