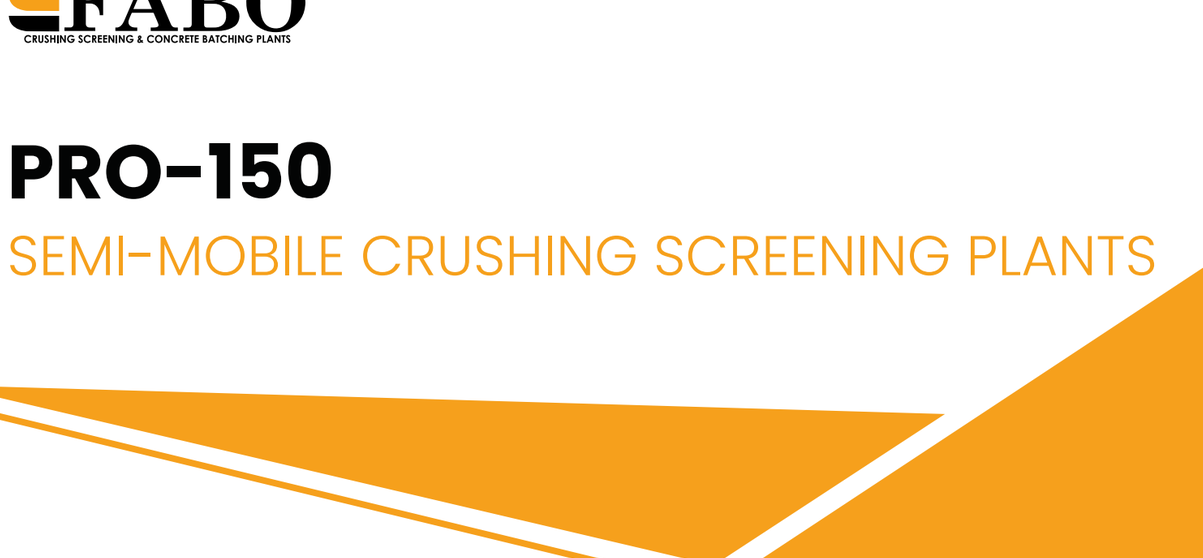
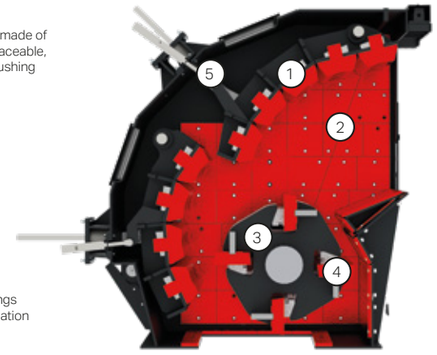
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

# PRO-150

## SEMI-MOBILE CRUSHING SCREENING PLANTS



1. The newly designed pendulum liners, made of high-strength material and easily replaceable, play a key role in ensuring efficient crushing operations.
2. High-strength side impact plates
3. The heavy-duty rotor shaft and bearings are equipped with an automatic lubrication system as standard.




4. Rotor blades with high strength and durability allow for long-term use. The rotor blade can be reversed for use, optimizing efficiency.
5. The crushing gap between the pendulum plates and the rotor blade can be adjusted manually to achieve maximum efficiency.

### TECHNICAL SPECIFICATIONS

| SPECIFICATIONS | DATA |
|---|---|
| Crusher | Impact Crusher |
| Maxs. Feed Size | 800 mm |
| Rotor Dimensions | Ø 1200 x 1500 mm |
| Adjustment Type | Hydraulic |
| Drive | Electric drive via V-belts |

| ÖZELLİKLER | VERİLER |
|---|---|
| Electric Motor | 1450 RPM 315 kw / 422 hp |





Note: All weights and dimensions apply only to standard units.

### TRANSPORT DIMENSIONS




### WORKING DIMENSIONS




Weight : 85.000 kg

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FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

## HIGH-PERFORMANCE MOBILE CRUSHING AND SCREENING POWER WHEREVER YOU ARE!

The PRO-150 Semi-Mobile Crushing and Screening Plant is a semi-mobile crushing and screening solution designed to meet high efficiency and flexible operation requirements. Thanks to its wobbler feeder system, it ensures homogeneous feeding of the material, increasing feeding efficiency and optimizing the overall performance of the equipment.

With its high production capacity ranging between 250–350 tons per hour, the PRO-150 delivers maximum performance even in large-scale projects.

Thanks to its semi-mobile structure, it can be easily transported within the site and quickly adapted to different working areas. Its fast installation capability enables operations to start in a short time, providing savings in both time and labor.

The PRO-150 model offers maximum performance in high-capacity crushing and screening operations, while its durable construction and easy maintenance features provide a long-lasting and reliable production solution.

### KEY FEATURES:

– Powerful and economical performance
* Optional automatic lubrication system offered to reduce maintenance time
* Operating capacity up to 40-50°C ambient temperature without requiring oil changes
– Special inlet geometry of the crusher unit ensures ideal material feeding; proven rotor blades provide long-lasting high impact and superior product quality
– Transport and operating dimensions compliant with European standards
– Designed for fuel savings and low operating costs

## PRODUCTION CAPACITY:

**0–25 mm Limestone Capacity: 200–350 T/H**
**0–100 mm Limestone Capacity: 400–600 T/H**

| SPECIFICATIONS | DATA |
|---|---|
| Equipment: | Impact Crusher |
| Rotor Dimensions: | Ø 1200 x 1500 mm |
| Maxs. Feed Size: | 800 mm |
| Transport Dimensions: | 20000 mm (Length)<br>4700 mm (Width)<br>4500 mm (Height) |
| Weight | 85.000 kg |

**1 Bunker**
– 20 m³ capacity
* Wear-resistant liner plates
* 15 m³ foldable covers are optional (Total capacity: 35 m³)

**2 Grizzly Vibrating Feeder**
– High-capacity grizzly vibrating feeder
– Wear-resistant liner plates installed as standard
– Its grizzly structure allows small-sized material to act as a pre-screen and be discharged via the bypass conveyor

**3 Impact Crusher**
– PDK-150 impact crusher model
– High-performance impact crusher with 1200x1500 mm inlet dimensions
– Hydraulically adjustable CSS for various applications
– Easy maintenance and spare part replacement capability

**4 Long Return Conveyor Belt**
– Length: 18,750 mm
– Width: 600 mm
* Hydraulic control
– endless chevron conveyor belt

**5 Bypass Conveyor**
– Length: 13,000 mm
– Width: 800 mm
– 4 kW motor power
– 10 mm endless conveyor belt

**6 Small Return Conveyor Belt**
– Length: 6,400 mm
– Width: 600 mm
* Hydraulic control
– 10 mm endless conveyor belt

**7 Chassis**
– Heavy-duty welded body on chassis

**8 Left Stock Conveyor-1**
– Length: 17,760 mm
– Width: 500 mm
* Hydraulic control
– 10 mm endless conveyor belt

**9 Left Stock Conveyor-2**
– Length: 17,760 mm
– Width: 500 mm
* Hydraulic control
– 10 mm endless conveyor belt

**10 Screen Feeding Conveyor**
– Length: 26,730 mm
– Width: 1,200 mm
* Hydraulic control
– 12 mm endless conveyor belt
– Ensures smooth and continuous feeding of the screen, enabling efficient classification (size separation) of the material.
– Typically positioned before the vibrating screen.

**11 Vibrating Screen**
– Dimensions: 2300 x 5500 mm
– 30 kW motor power, 1500 RPM, 1 unit
– 4-deck screen separates materials into different sizes
– Screening area per deck: 5 m²

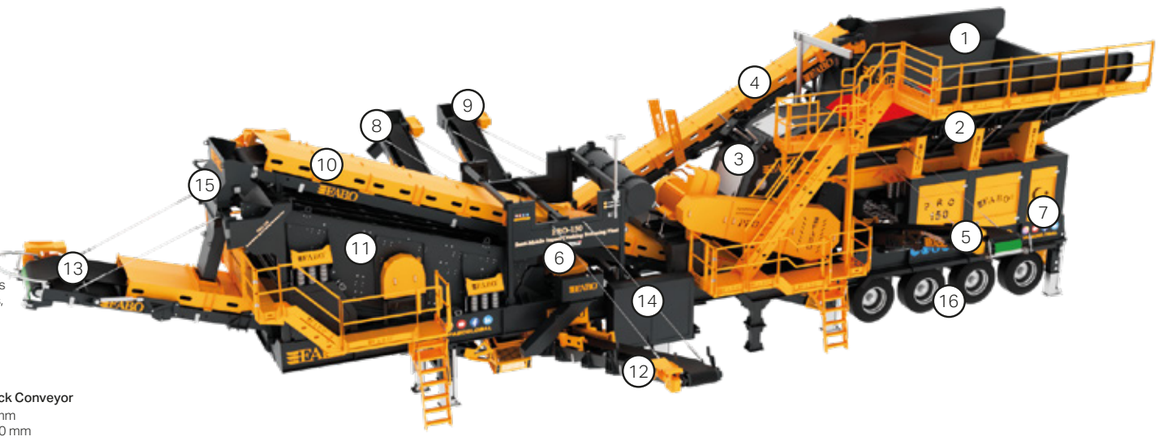
**12 Right Stock Conveyor**
– Length: 16,660 mm
– Width: 500 mm
* Hydraulic control
– 10 mm endless conveyor belt

**13 Under-Screen Stock Conveyor**
– Belt width: 1200 mm
– Belt length: 18,140 mm
– 10 mm endless conveyor belt
– The under-screen stock conveyor stores the finest material passing through the vibrating screen.

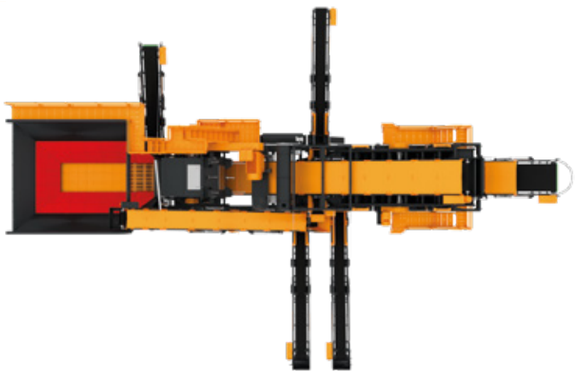
**14 Control System**
– Manages all main equipment through a PLC-controlled central panel. This system provides precise control over the operator's working mode, equipment speeds, and positions.

**15 Flap**
* – Dimensions: 1500 x 800 mm
– Protective liners INCLUDED
– Hydraulic covers INCLUDED

**16 Axle System**
– Manufactured as a 5-axle system.




* OPTIONAL



Durable and portable solution designed for maximum performance in the field.



Its compact design delivers superior crushing power even in the toughest environments.

### STANDARD FEATURES



4-deck screen with screen dimensions of 2300 x 5500 mm.




User-friendly PLC control system with color display.



Material is discharged via the bypass conveyor belt.



4-axle system



Adjustable flap
(Can direct material to the screen feed or directly to the stock conveyor.)



20 m³ Bunker Vibrating Feeder
* 15 m³ additional covers are optional.
With additional bunker covers, total capacity is 35 m³.



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