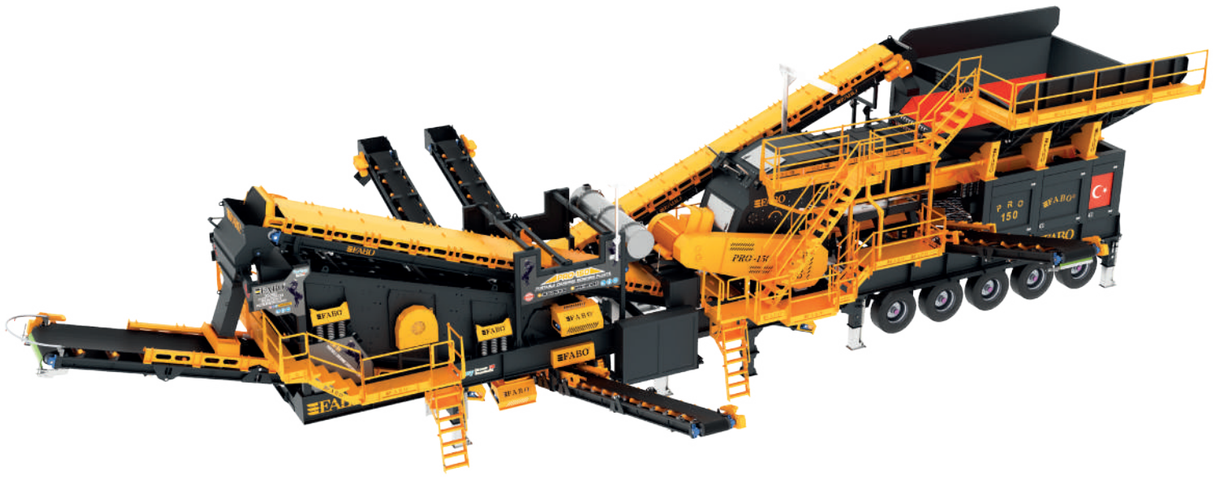
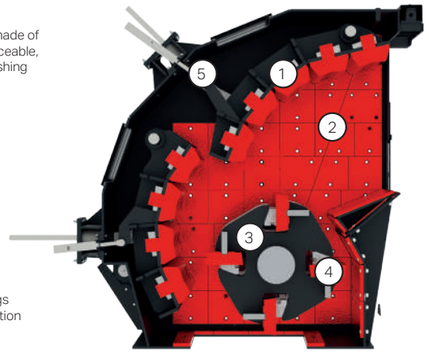
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

PRO-150-WF

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

SPECIFICATIONS	DATA
Electric Motor	1450 RPM 315 kw / 422 hp





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

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



Weight : 105000 kg

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PRO-150 SEMI-MOBILE CRUSHING SCREENING PLANTS

FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

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

PRO-150 Semi-Mobile Crushing and Screening Plant with Wobbler is a semi-mobile crushing and screening solution designed for high efficiency and flexible use. Thanks to the wobbler feeder system, it ensures homogeneous feeding of the material, increasing feed efficiency and optimizing the equipment's performance.

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

Its semi-mobile design allows for easy transportation within the site and quick adaptation to different working areas. Thanks to its fast setup feature, operations can begin in a short time, saving both time and labor.

The PRO-150 model offers maximum performance in high-capacity crushing and screening operations while providing a durable construction and easy maintenance options for 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 40-50ºC 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:

250-350 T/H

SPECIFICATIONS	DATA
Equipment:	Impact Crusher *Wobbler Feeder
Rotor Dimensions:	Ø 1200 x 1500 mm
Maxs. Feed Size:	800 mm
Transport Dimensions:	22500 mm (Length) 4700 mm (Width) 4500 mm (Height)
Weight	105000 kg

(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

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

(18) **Wobbler Understock Conveyor**
– Length: 2300 mm
– Width: 800 mm
* Hydraulic control
– 10 mm endless conveyor belt

(17) * **Wobbler Feeder**
– The wobbler feeder ensures material flow and separation thanks to its durable structure and unique design.

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

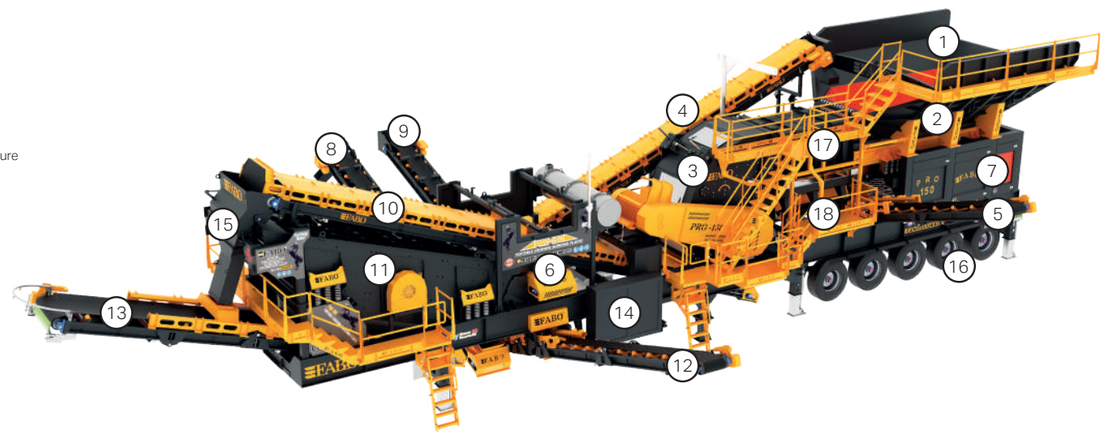
(15) * **Flap**
– Dimensions: 1500 x 800 mm
– Protective liners INCLUDED
– Hydraulic covers INCLUDED

(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.

(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: 7500 mm
– Width: 600 mm
* Hydraulic control
– endless chevron conveyor belt

(5) **Bypass Conveyor**
– Length: 6150 mm
– Width: 800 mm
– 5,5 kW motor power
– 10 mm endless conveyor belt



(6) **Small Return Conveyor Belt**
– Length: 2850 mm
– Width: 500 mm
* Hydraulic control
– 10 mm endless conveyor belt

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

(8) **Left Stock Conveyor-1**
– Length: 8500 mm
– Width: 500 mm
* Hydraulic control
– 10 mm endless conveyor belt

(9) **Left Stock Conveyor-2**
– Length: 8500 mm
– Width: 500 mm
* Hydraulic control
– 10 mm endless conveyor belt

(13) **Under-Screen Stock Conveyor**
– Belt width: 1200 mm
– Belt length: 8700 mm
– 10 mm endless conveyor belt
– The under-screen stock conveyor stores the finest material passing through the vibrating screen.

(12) **Right Stock Conveyor**
– Length: 8000 mm
– Width: 500 mm
* Hydraulic control
– 10 mm endless conveyor belt

(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
– The sieve frame can move using hydraulic piston control.

(10) **Screen Feeding Conveyor**
– Length: 13000 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.

* OPTIONAL

* **The wobbler feeder is an optional equipment.**



Offers high capacity and stability, increasing efficiency with continuous feeding.



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.
The sieve frame can move using hydraulic piston control.



User-friendly PLC control system with color display.



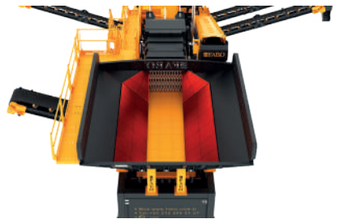
Material is discharged via the bypass conveyor belt.



5-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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