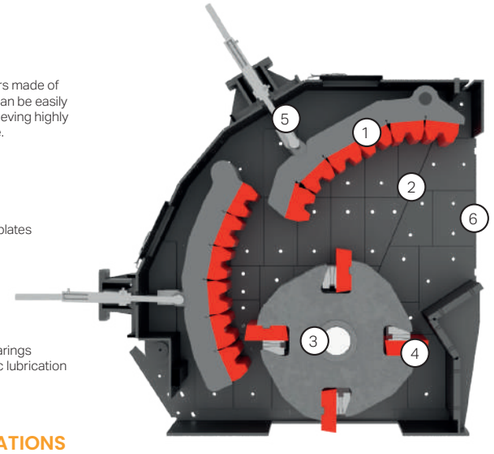
FABO®
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

MIC-150
SEMI-MOBILE IMPACT CRUSHER



1. Newly designed pendulum liners made of high-strength material, which can be easily replaced, play a key role in achieving highly efficient crushing performance.
2. High-strength side wall impact plates
3. Heavy-duty rotor shaft and bearings are equipped with an automatic lubrication system as standard.



4. High-strength and durable rotor blow bars ensure long-term operation. The rotor blow bars can be reversed for extended use, optimizing efficiency.
5. The crushing gap (CSS) between the pendulum plates and rotor blow bars can be hydraulically adjusted to achieve maximum efficiency.
6. In the crusher with a Ø 1200 x 1500 mm rotor, the lid piston is activated during large material feed to prevent blockages.

TECHNICAL SPECIFICATIONS

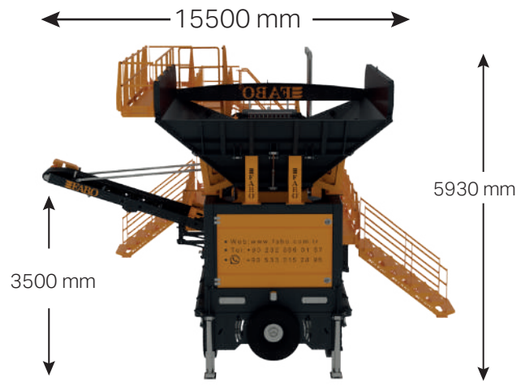
FEATURES	DATAS
Crusher	PDK-150 Impact Crusher
Max. Feed Size	800 mm
Rotor Dimensions	Ø 1200x1500 mm

FEATURES	DATAS
Adjustment Type	Hydraulic
Drive	Electric Motor via V-Belts
Motor	315 kw-1450 d/d

Note: All weights and dimensions are valid only for standard units.

WORKING DIMENSIONS





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The photographs are for promotional purposes only; some or all of the machines shown in the images may be equipped with optional additional equipment. Please contact us for detailed information about optional equipment.

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FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

PRODUCTION CAPACITY:

250-350 TPH

HIGH-PERFORMANCE SEMI-MOBILE CRUSHING & SCREENING POWER THAT GOES WHEREVER YOU GO!

Developed with FABO Global engineering expertise, the MIC-150 Semi-Mobile Impact Crusher is designed to deliver high efficiency and consistent performance in primary crushing applications, with a capacity of 250–350 tons/hour.
Thanks to its semi-mobile chassis design, the MIC-150 can be easily transported between different sites, providing the advantages of quick setup and high operational flexibility.
Offering a wide range of applications from hard and abrasive rocks to limestone and similar materials, the MIC-150 provides a high reduction ratio, powerful impact performance, and the ability to produce a homogeneous end product.
Developed for mining and quarrying projects, the MIC-150 offers a reliable crushing solution under demanding working conditions with its robust chassis structure, easy maintenance, and long service life.

KEY FEATURES:

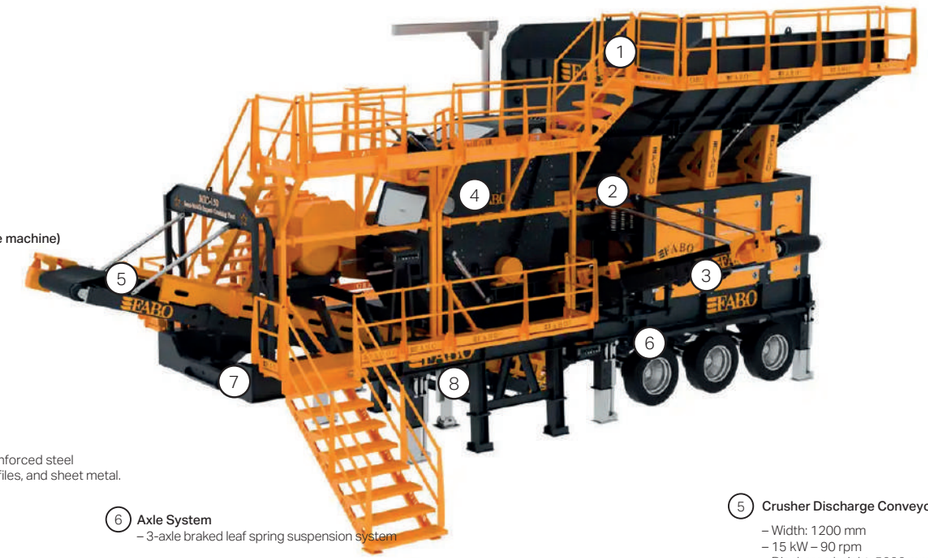
- Powerful and economical crushing performance
- * An automatic lubrication system is optionally available to reduce maintenance time and operational downtime.
- * Ability to operate at ambient temperatures of up to 40–50 °C without requiring an oil change
- The special crusher inlet geometry ensures optimal feeding of material into the crushing unit, while optimized rotor blow bars provide high impact force, long service life, and superior product quality.
- Transport and operating dimensions compliant with Europe-an standards
- Design focused on reducing fuel consumption and operating costs

SPECIFICATIONS	DATAS
Equipment:	Impact Crusher
Rotor Diameter:	Ø 1200x1500 mm
Max. Feed Size:	800 mm
Transport Dimensions:	13500 mm (Length) 4200 mm (Width) 4500 mm (Height)
Weight:	55.000 kg

(1) **Hopper**
– 35 m³ capacity
– * Wear-resistant liner plates

(2) **Grizzly Vibrating Feeder**
– 9.2 kW – 1000 rpm
– Feeder dimensions: 1300 × 4500 mm, lined
– High-capacity grizzly vibrating feeder dimensions: 1600 × 1300 mm
– Feeder flap dimensions: 700 × 300 mm
– Wear-resistant liner plates installed as standard
– The grizzly structure acts as a pre-screen, allowing smaller-sized material to be bypassed and discharged via the bypass conveyor.

(3) **Bypass Conveyor**
– Discharge height: 3500 mm
– Width: 600 mm
– Motor power: 5.5 kW – 90 rpm



(8) **Control System (on the other side of the machine)**
– All main equipment is controlled via a PLC-controlled central control panel. This system provides the operator with precise control over operating modes, equipment speeds, and positions.

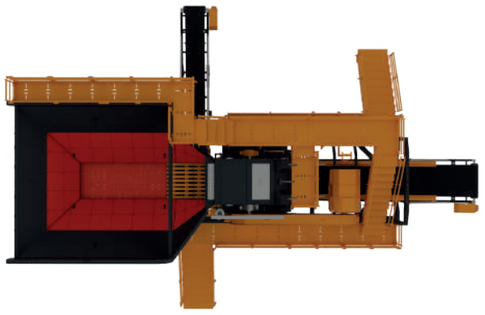
(4) **Impact Crusher**
– PDK-150 impact crusher model
– High-performance impact crusher with an inlet size of Ø 1200 × 1500 mm
– Hydraulically adjustable CSS for various applications
– Easy maintenance and replacement of spare parts

(7) **Chassis**
– Manufactured from reinforced steel with H-beams, box profiles, and sheet metal.

(6) **Axle System**
– 3-axle braked leaf spring suspension system

(5) **Crusher Discharge Conveyor**
– Width: 1200 mm
– 15 kW – 90 rpm
– Discharge height: 5000 mm

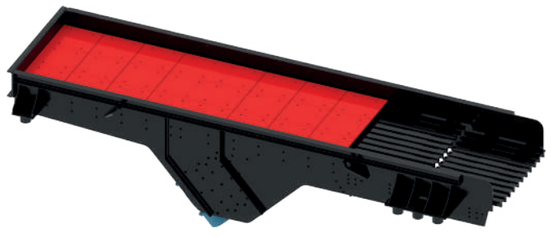
* OPTIONAL



With its high crushing performance and durable structure, the MIC-150 provides a reliable, mobile, and efficient impact crushing solution for demanding site conditions.



The Impact Crusher delivers high efficiency and reliable performance in primary crushing applications, thanks to its high durability and powerful impact force.



It ensures balanced, continuous, and efficient feeding with its adjustable vibration system and two-stage grizzly. Its wear-resistant structure and automatic lubrication system provide extended maintenance intervals.

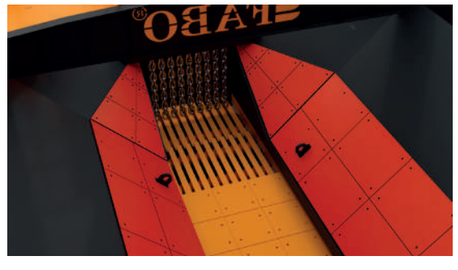
STANDARD FEATURES



The material is discharged via the bypass belt conveyor.



PLC control system with a user-friendly color display.



The optimized bunker, with its wear-resistant internal structure, ensures continuous material flow and maximum feeding efficiency.



It is manufactured with a two-axle chassis designed in compliance with European road transport standards.



35 m³ Hopper Capacity

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