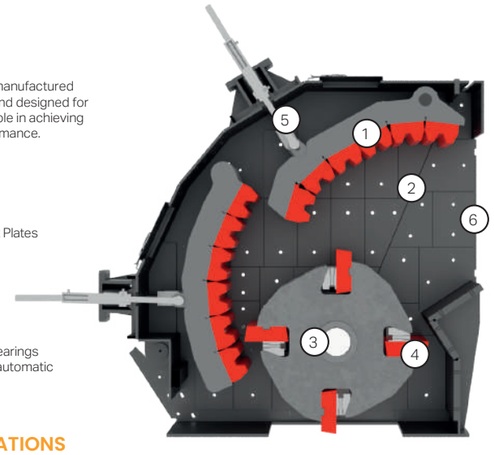
FABO®
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

MIC-100
SEMI-MOBILE IMPACT CRUSHER





1. New-design pendulum liners, manufactured from high-strength materials and designed for easy replacement, play a key role in achieving highly efficient crushing performance.
2. High-Strength Side Wall Impact Plates
3. Heavy-Duty Rotor Shaft and Bearings
   Equipped as standard with an automatic lubrication system.
4. High-Strength Rotor Blades
   Designed for long-lasting performance, the rotor blades can be reversed to optimize wear life and maximize operational efficiency.
5. Hydraulically Adjustable CSS
   The crushing gap between the pendulum plates and rotor blades can be hydraulically adjusted to achieve maximum crushing efficiency.
6. Ø 1200 × 1000 mm Rotor
   The crusher is equipped with a hydraulic inlet opening system that activates during the loading of oversized materials, preventing blockages and ensuring continuous operation.

TECHNICAL SPECIFICATIONS

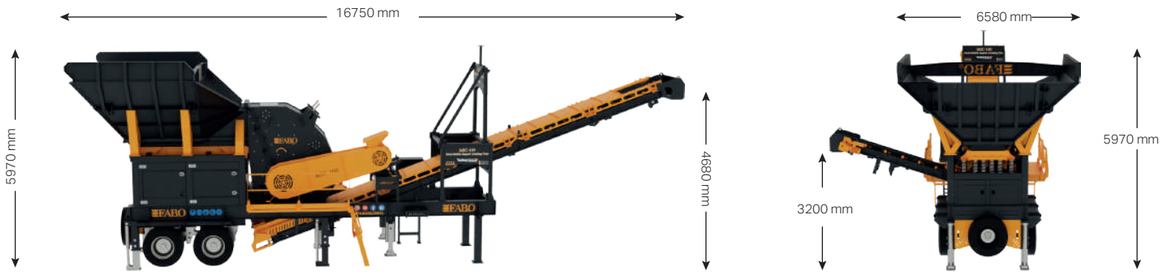
FEATURES	DATAS
Crusher	PDK-100 Impact Crusher
Max. Feed Size	600 mm
Rotor Dimensions	Ø 1200x1000 mm

FEATURES	DATAS
Adjustment Type	Hydraulic
Drive	Electric Motor via V-Belts
Motor	200kw-1450 d/d

Note: All weights and dimensions are applicable to standard units only.

TRANSPORT DIMENSIONS

WORKING DIMENSIONS



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PRODUCTION CAPACITY:

150–200 TPH

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

Developed with FABO Global engineering expertise, the MIC-100 Semi-Mobile Impact Crusher is designed to deliver high efficiency and continuous performance in primary crushing applications, with a capacity of 150–200 t/h.

Thanks to its semi-mobile chassis design, the MIC-100 can be easily transported between different sites, providing quick setup and high operational flexibility.

Offering a wide range of applications from hard and abrasive rocks to limestone and similar materials, the MIC-100 delivers high reduction ratios, powerful impact performance, and consistent product quality.

Developed for mining and quarrying projects, the MIC-100 provides a reliable crushing solution under demanding operating conditions with its robust chassis, easy maintenance, and long service life.

KEY FEATURES:

- Powerful and Economical Crushing Performance
- * Optional automatic lubrication system designed to reduce maintenance time and operational downtime.
- * Operation at ambient temperatures up to 40–50 °C without requiring oil changes
- Specially designed crusher inlet geometry ensures optimal material feeding, while optimized rotor blades provide high impact force, extended service life, and superior product quality.
- Transport and working dimensions compliant with European standards
- Design focused on reducing fuel consumption and operating costs

FEATURES	DATAS
Equipment:	Impact Crusher
Rotor Diameter:	Ø 1200x1000 mm
Max. Feed Size:	600 mm
Transport Dimensions:	12594 mm (Length) 4120 mm (Width) 4440 mm (Height)
Weight:	32.000 kg

2 Grizzly Vibrating Feeder
– 4.5 kW × 2 – 1000 rpm
– Feeder dimensions: 1000 × 3200 mm, with grizzly and liners
– High-capacity grizzly vibrating feeder
– Wear-resistant liner plates installed as standard
– Its grizzly design acts as a pre-screen for fine material, allowing it to be discharged via the bypass belt.

3 Bypass Belt
– Discharge height: 3200 mm
– Width: 500 mm
– Motor power: 4 kW – 126 rpm

1 Hopper
– 25 m³ capacity
* Wear-resistant liner plates



4 Impact Crusher
– PDK-100 Impact Crusher Model
– High-performance impact crusher with Ø 1200 × 1000 mm inlet dimensions
– Hydraulically adjustable CSS for various applications
– Easy maintenance and spare parts replacement

8 Control System
– Controls all main equipment through a PLC-controlled central panel. This system provides the operator with precise control over operating modes, equipment speeds, and positions.

5 Under-Crusher Discharge Conveyor
– Width: 1000 mm
– Motor power: 11 kW – 90 rpm
– Discharge height: 4680 mm

7 Chassis
– Manufactured from reinforced steel using rolled sections, box profiles, and sheet steel.

6 Axle System
– Two-axle braked leaf-spring suspension system

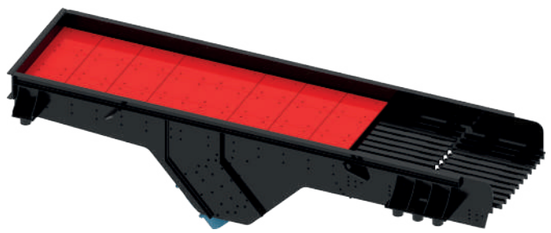
* OPTIONAL



MIC-100 delivers a reliable, portable, and efficient impact crushing solution for demanding site conditions, combining high crushing performance with a robust design.



The Impact Crusher is a reliable solution for primary crushing applications, offering high efficiency and dependable performance with its robust construction and powerful impact force.



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

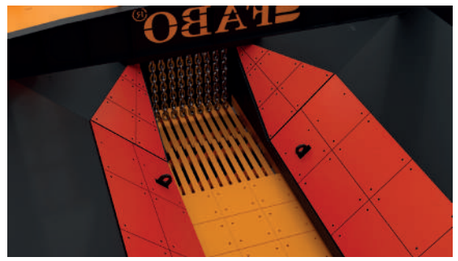
STANDARD FEATURES



Material is discharged via the bypass belt conveyor.



User-Friendly PLC Control System with Color Display



Its optimized hopper, with a wear-resistant internal structure, ensures continuous material flow and maximum feeding efficiency.



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



25 m³ Hopper Capacity

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