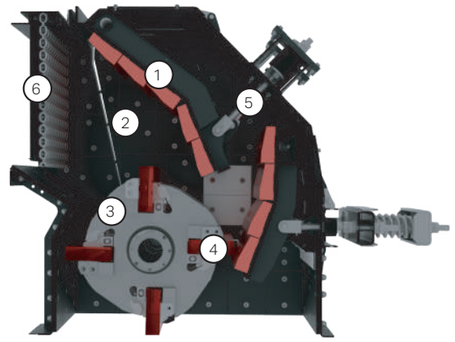
FABO®
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

FTI-110

MOBILE IMPACT CRUSHER



1. The newly designed pendulum liners, made of high-strength material and easily replaceable, play an important role in achieving the crushing process with high efficiency.
2. Side impact plates with high strength
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 enable long-term use. The rotor blade can be used reversibly, optimizing efficiency.
5. The crushing distance (CSS) between the pendulum plates and the rotor blade can be adjusted hydraulically, allowing for maximum efficiency.
6. In the crusher with an rotor dimensions of Ø 1100x1030 mm, the cover piston is activated during large material loading to prevent blockages.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DATA
Crusher	Impact Crusher
Rotor Size	Ø 1100x1030 mm
Rotation Speed (RPM)	600 Rotation Speed (RPM)
Adjustment Type	Hydraulic
Drive	Electric via V-Belts

SPECIFICATIONS	DATA
Power Unit	
Motor Power	360 kW
Diesel Tank Capacity	300 liter
Hydraulic Oil Tank Capacity	200 liter

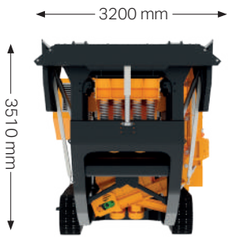
Note: All weights and dimensions apply to standard units only.

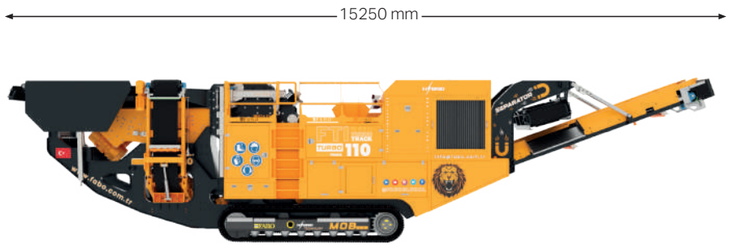
WORKING DIMENSIONS





TRANSPORT DIMENSIONS





Weight : 43000 kg

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FTI-110 MOBILE IMPACT CRUSHER

THE NEW LEADER IN IMPACT CRUSHERS

FTI-110 is one of the most prominent models in the product range and is currently among the most preferred mobile impact crushers worldwide.

FABO FTI series is designed to meet all the mobile crushing needs of professional users, standing out with its reliability, durability, and high performance.

With its wide feed opening and high impact energy, it delivers excellent size reduction ratios with high efficiency. The powerful impact crusher unit effortlessly handles the toughest rock and rubble applications while providing outstanding performance in aggregate production.

The hydraulic raise/lower feature on the main conveyor, offered as standard, provides ease of maintenance and transport, maximizing operator efficiency.

KEY FEATURES:

– Emission-compliant 360/385 kVA engine for powerful and economical performance
– Automatic central lubrication system to reduce maintenance time
– Capable of operating in ambient temperatures up to 40–50°C without requiring oil changes
– Special inlet geometry of the crusher unit ensures ideal material feed, while proven rotor hammers deliver long-lasting high impact energy and superior product quality
– Transport and operating dimensions comply with European standards
– Designed for fuel efficiency and low operating costs

1 Hopper
– 3 m³ standard capacity
*6 m³ optional capacity
*Wear-resistant liner plates

2 Feeder
– High-capacity vibrating step grizzly feeder with variable speed
– Wear-resistant liner plates fitted as standard
*CFS system controlling the feeder drive to ensure continuous and uninterrupted crushing operation

3 Impact Crusher
– High-performance impact crusher with Ø1100 × 1030 mm rotor dimensions
– Hydraulically adjustable CSS for various applications
– Easy maintenance and spare part replacement
– Integrated winch system

4 Generator
– 360/385 kVA emission-compliant engine
– Easy access to the engine compartment for service and maintenance
– Large-capacity 300-liter diesel tank
– Capability to operate on diesel or electric power

5 *Magnetic Separator
– 800 mm conveyor width with 2.2 kW motor power
– Magnet dimensions: 550 × 1300 mm



6 Main Conveyor
– 1000 mm wide conveyor
*Dust suppression system
– Hydraulic control system

7 Chassis
– Heavy-duty welded frame on a tracked chassis

8 Control System (Located on the opposite side of the machine)
– Highly efficient hydraulic and electrical system provides superior system control
– User-friendly PLC control system with color display for fully automatic operation

9 Track System
– 500 mm wide tracks operable via wireless and wired remote control
– Radio frequency remote control system

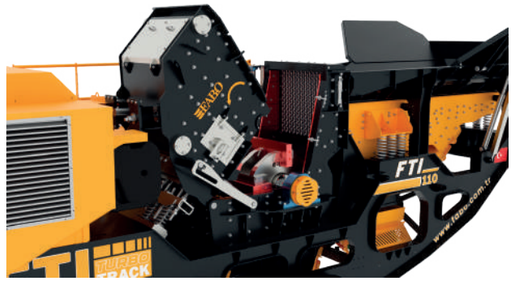
10 Bypass Conveyor
– Belt width: 600 mm
– Belt length: 4300 mm
– Fine material is separated by the pre-screen; depending on user needs, material can be fed directly to the main conveyor via a flap or discharged directly through the bypass conveyor.

11 Crusher Discharge Vibrating Pan Feeder
– 1160 mm width
– Wear-resistant liner plates fitted as standard
*Crusher discharge vibrating pan feeder is available as an option.

PRODUCTION CAPACITY:
130-240 T/H

SPECIFICATIONS	DATA
Equipment	Impact Crusher
Rotor size	Ø 1100 mm x 1030 mm
Feeding Opening	1060x800 mm
Transport Dimensions:	15250 mm (Length) 3200 mm (Width) 3510 mm (Height)
Weight	43000 kg

* OPTIONAL



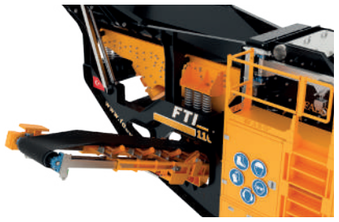


Double Pendulum Crusher



* Separator (Optional)

STANDARD FEATURES



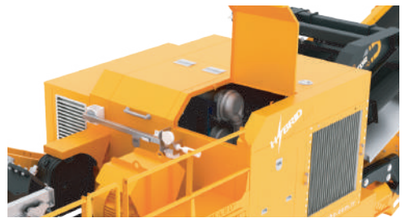
Bypass Conveyor



User-friendly PLC control system with color display



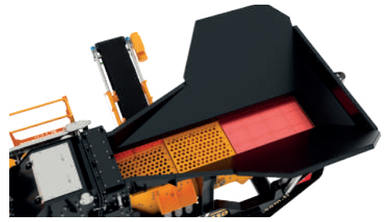
Remote Control Operation



Easy Access to Engine Compartment



Track System



Feeder with Wear Plates + Intermediate Screen
*Additional hopper covers (optional)

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