

# 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.
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- 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 a rotor dimensions of Ø 1100x1000 mm, the cover piston is activated during large material loading to prevent blockages.

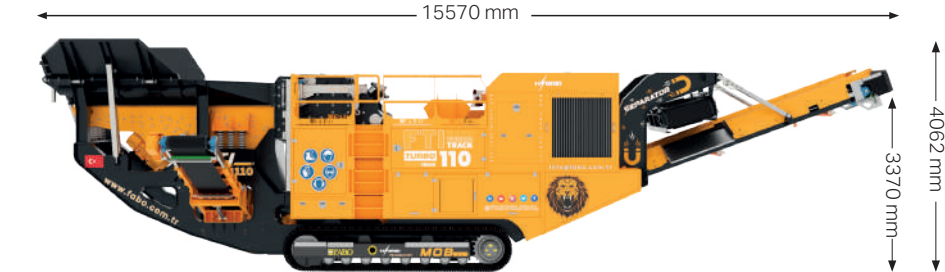
### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DATA
Crusher	Impact Crusher
Rotor Size	Ø 1100x1000 mm
Rotation Speed (RPM)	600 Rotation Speed (RPM)
Adjustment Type	Hydraulic
Drive	Electric via V-Belts

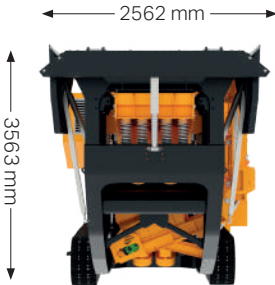
SPECIFICATIONS	DATA
Power Unit	
Motor Power	311 kW / 423 HP
Diesel Tank Capacity	350 liter
Hydraulic Oil Tank Capacity	180 liter

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

### WORKING DIMENSIONS



### TRANSPORT DIMENSIONS



Weight : 35000 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:

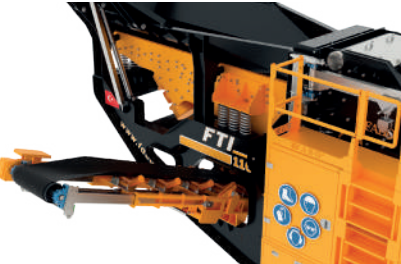
- Emission-compliant 311 kW / 423 HP engine for powerful and economical performance
- Automatic central lubrication system to reduce maintenance time
- Capable of operating in ambient temperatures up to 40–50°C without requiring oil changes
- Special inlet geometry of the crusher unit ensures ideal material 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

PRODUCTION CAPACITY:

130–240 T/H

SPECIFICATIONS	DATA
Equipment:	Impact Crusher
Rotor size	Ø 1100 mm x 1000 mm
Max. Feed Size:	500 mm
Transport Dimensions:	14400 mm (Length) 2562 mm (Width) 3563 mm (Height)
Weight	35000 kg

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)



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 × 1000 mm rotor dimensions
- Hydraulically adjustable CSS for various applications
- Easy maintenance and spare part replacement
- Integrated winch system

④ Generator

- 311 kW / 423 HP emission-compliant engine
- Easy access to the engine compartment for service and maintenance
- Large-capacity 350-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

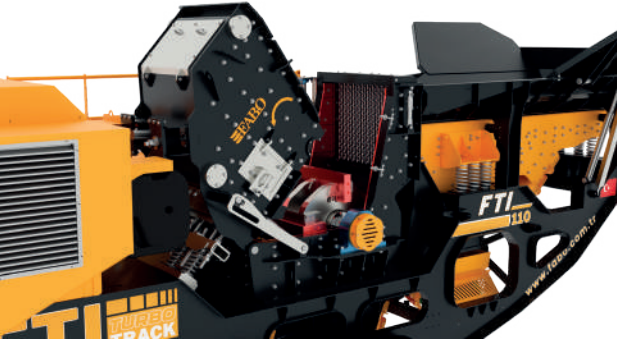
⑨ Track System

- 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: 4600 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.

\* OPTIONAL



Double Pendulum Crusher



\* Separator (Optional)