FABO®
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

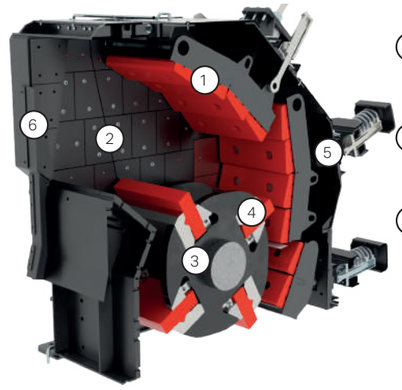
FTI-130

MOBILE IMPACT CRUSHER



IMPACT CRUSHER

1. Newly designed, easily replaceable toggle (pendulum) liners made from high-strength material play a key role in ensuring 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 well-equipped rotor hammers ensure long-term use. Each hammer is reversible, allowing extended service life and optimized efficiency.
5. The crushing distance (CSS) between the pendulum plates and the rotor hammers is hydraulically adjustable, allowing for maximum efficiency.
6. In the crusher with a Ø 1192x1285 mm inlet size, the cover piston is activated during large material loading to prevent blockages.

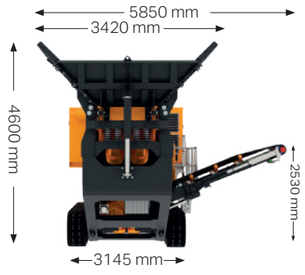
TECHNICAL SPECIFICATIONS

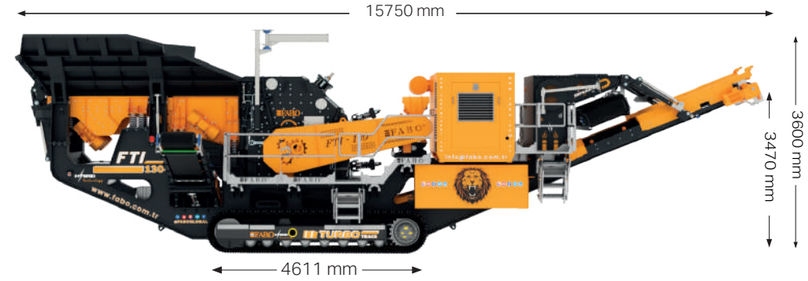
SPECIFICATIONS	DATA
Crusher	Impact Crusher
Rotor Size	Ø 1192x1285 mm
Rotation Speed (RPM)	600 Rotation Speed (RPM)
Adjustment Type	Hydraulic
Drive	Electric via V-Belts

SPECIFICATIONS	DATA
Power Unit	
Motor Power	500 kVA / 550 kVA
Diesel Tank Capacity	450 liter
Hydraulic Oil Tank Capacity	180 liter
Frequency	50 Hz /*60 Hz

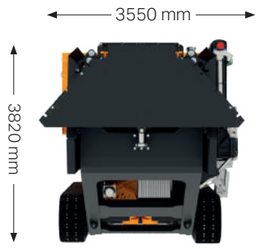
Note: All weights and dimensions apply to standard units only.

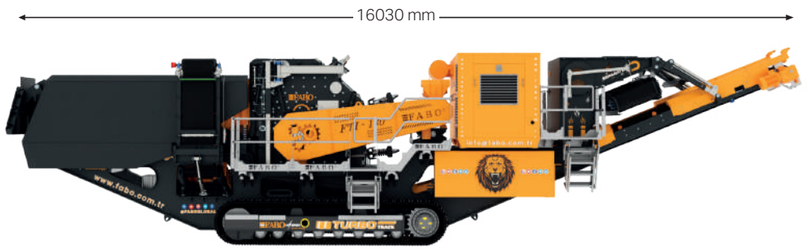
WORKING DIMENSIONS





TRANSPORT DIMENSIONS





Weight : 56000 kg

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FTI-130 MOBILE IMPACT CRUSHER

THE NEW LEADER IN IMPACT CRUSHERS

The FTI-130 is one of the standout mobile impact crusher models, known for its durability, high performance, and versatility. Effectively used in both quarry operations and recycling sites, this model offers a powerful and efficient solution for professional users.

Thanks to its wide feed opening and powerful crusher unit, it processes large volumes of material quickly and delivers high efficiency. It provides effective results with various material types such as concrete, limestone, and asphalt, and its high production capacity makes it a reliable choice for large-scale projects.

The tracked undercarriage ensures easy mobility even in challenging ground conditions, while hydraulically assisted conveyors and automation systems make setup, maintenance, and operation highly practical. With features like remote control, automatic lubrication, and an integrated magnetic separator, it offers a user-friendly experience.

Thanks to its hybrid power system, the FTI-130 can operate both with a generator and fixed electrical power, providing energy flexibility and cost advantages. With its durable structure and modern technology, the FTI-130 is a reliable companion on crushing sites.

KEY FEATURES:

– Emission-compliant 500-550 kVA engine for powerful and efficient 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 force and superior product quality
– Transport and operating dimensions compliant with European standards
– Designed for fuel efficiency and low operating costs

PRODUCTION CAPACITY: 150-450 T/H

SPECIFICATIONS	DATA
Equipment:	Impact Crusher
Rotor size	Ø 1192x1285 mm
Feed Opening:	780x1166 mm
Transport Dimensions:	16030 mm (Length) 3550 mm (Width) 3820 mm (Height)
Weight	56000 kg

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

(3) **Impact Crusher**
– High-performance impact crusher with Ø1192x1285 mm inlet dimensions
– Hydraulically adjustable CSS for various applications
– Easy maintenance and quick replacement of wear parts
– Integrated winch system

(4) **Generator**
– 500 / 550 kVA emission-compliant engine
– Easy access to the engine compartment for service and maintenance
– Large-capacity 450-liter diesel tank
– Capability to operate on diesel or electric power

(1) **Hopper**
– 7 m³ capacity
*9 m³ capacity with extension sides fitted
*Fitted with wear-resistant liner plates
*Hopper covers (optional)

HYBRID technology

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



(11) **Vibrating Crusher Discharge Pan Feeder (Pan Feeder)**
– 1400 mm wide
– Fitted with wear-resistant liner plates as standard
*Vibrating crusher discharge pan feeder is optional

(10) **Bypass Conveyor**
– Belt width: 600 mm
– Belt length: 4550 mm
– Fine material is separated by the pre-screen; depending on user needs, it can be directed to the main conveyor via a flap or discharged directly through the bypass conveyor.

(6) **Main Conveyor**
– 1200x9200 mm belt dimensions
*Dust suppression system
– Hydraulic control system

(9) **Track System**
– 500 mm wide tracks, operable via wireless and wired remote control
– Radio frequency remote control

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

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

* OPTIONAL



Equipped with a remote-controlled tracked undercarriage, it operates on-site without the need for infrastructure, even in the toughest terrain and weather conditions.



Crusher winch

* **Hopper covers are optional equipment.**



* Separator (optional)

STANDARD FEATURES



Bypass Conveyor



User-friendly PLC control system with color display



Remote Control Operation



Easy access to the engine compartment



Standard double-toggle crusher
(Triple-toggle crusher available as an option).



Lined Feeder + Screen Deck

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