FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

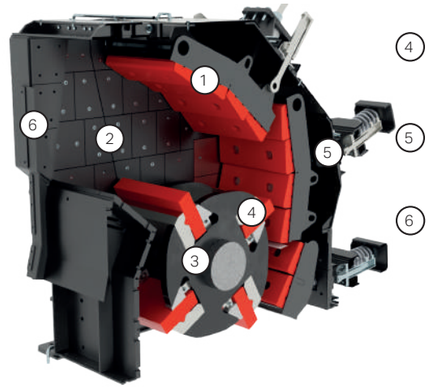
FTI-130-S

MOBILE IMPACT CRUSHER



IMPACT CRUSHER

1. Pendulum liners, made of high-strength material and designed for easy replacement, play a crucial role in ensuring a highly efficient crushing process.
2. Side impact plates with high resistance
3. The heavy-duty rotor shaft and bearings are equipped with an automatic lubrication system as standard.



4. Rotor hammers with high strength and durability allow for long-term use.
The hammers are reversible, enabling extended service life and optimized efficiency.
5. The crushing distance (CSS) between the pendulum plates and the rotor hammers can be adjusted hydraulically, allowing for maximum efficiency.
6. In the crusher with an inlet size of Ø 1192x1285 mm, the cover piston is activated during large material loading to prevent blockages.

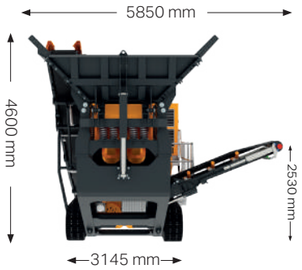
TECHNICAL SPECIFICATIONS

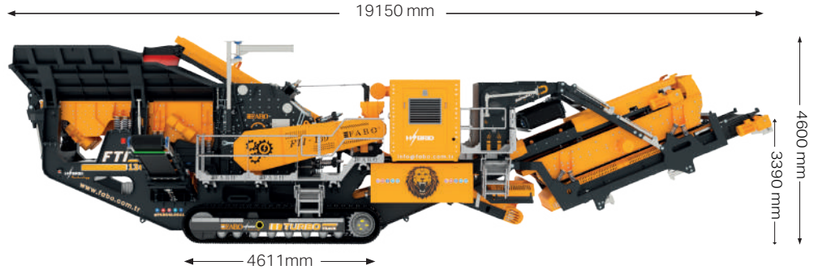
SPECIFICATIONS	DATA
Crusher	Impact Crusher
Rotor Size	Ø 1192x1285 mm
Speed (RPM)	600 Speed (RPM)
Adjustment Type	Hydraulic
Drive	Electric via V-belts

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

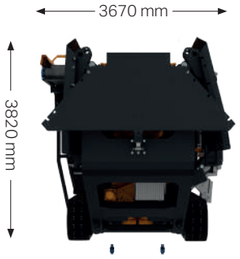
Note: All weights and dimensions apply only to standard units.

OPERATING DIMENSIONS





TRANSFER DIMENSIONS





Weight : 60000-68000 kg

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FTI-130-S MOBILE IMPACT CRUSHER

THE NEW LEADER IN IMPACT CRUSHERS

The FTI-130-S is one of the most popular and widely preferred mobile impact crusher models in the product range worldwide today.

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

Thanks to its wide feed opening and high impact energy, it offers excellent size reduction ratios alongside high efficiency. The powerful impact crusher unit easily handles the toughest rock and demolition applications, while the integrated screening system delivers superior performance in recycling and aggregate production.

The hydraulic lift/lower feature, offered as standard on the main conveyor, maximizes operator efficiency by providing ease of maintenance and transport.

KEY FEATURES:

– Emission-compliant 500-550 kVA engine for powerful and economical performance
* Automatic centralized lubrication system to reduce maintenance time
– Operating capability up to 40-50°C ambient temperature without the need for oil changes
– Special inlet geometry of the crusher unit ensures ideal material feeding; proven rotor hammers provide long-lasting high impact 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:	18135 mm (Length) 3670 mm (Width) 3820 mm (Height)
Weight	60000-68000 kg

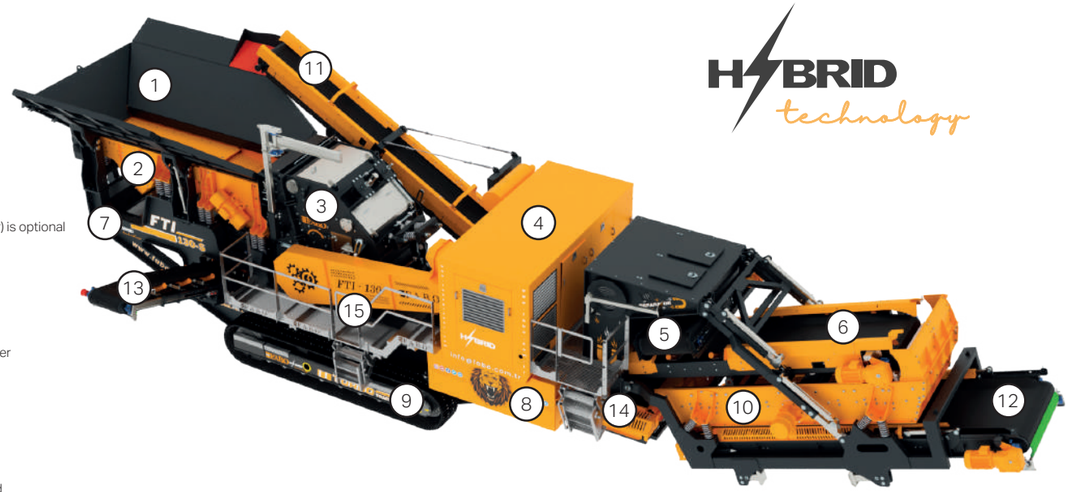
(2) **Feeder**
– High-capacity, vibrating, step-by-step grid feeder with variable speed
– Wear-resistant liner plates installed as standard
* CFS system controlling the feeder drive to ensure continuous and uninterrupted crushing operation

(3) **Impact Crusher**
– High-performance impact crusher with rotor dimensions of Ø1192x1285 mm
– Hydraulically adjustable CSS for various applications
– Easy maintenance and spare parts replacement
– Built-in crane preparation

(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 electricity

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

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



HYBRID technology

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

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

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

(14) **Small Return Conveyor**
– Ensures the transfer of oversized material to the long return conveyor.
– Thanks to the system connected to the screen chassis, it can be removed from the system together with the pre-screen unit when desired.

(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 a color display for fully automatic operation

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

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

(12) **Screen Discharge Conveyor**
– Facilitates the discharge of the final product.
– Durable construction ensures long-lasting use.

(11) **Long return conveyor**
– Belt dimensions: 600 mm x 9800 mm
– Allows large-sized material to be redirected back to the crusher for the most efficient achievement of the desired final product size
– Can also be used as a stock conveyor thanks to its 90° swiveling design

(10) **Pre-Screen**
– Pre-screen with dimensions of 1550 x 4200 mm
– Efficient material separation with integrated screening system
– Easily detachable and attachable pre-screen design according to needs
– Wear-resistant liner plates (optional)

* OPTIONAL

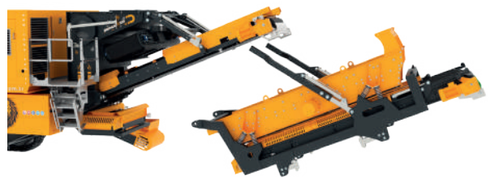
*** Bunker covers are among the optional equipment.**
*** Automatic lubrication is among the optional equipment.**



Pre-screen with dimensions of 1550 x 4200 mm



Durable screen plate and replaceable screen wires provide high resistance to vibration.



The pre-screen features a compact design with a detachable and attachable structure.



* Under-crusher feeder (optional)

STANDARD FEATURES



Bypass Belt



PLC control system with a color display, user-friendly interface



Control via Remote Control



Easy access to the engine compartment



Standard double pendulum crusher
*(Triple pendulum crusher is optional.)



Wear-resistant plate feeder + intermediate screen

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