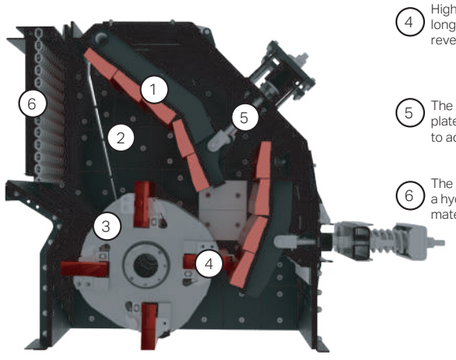
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

FTI-80-S

MOBILE IMPACT CRUSHER



1. Made of high-strength material, the newly designed pendulum liners can be easily replaced and play an important role in achieving highly efficient crushing performance.
2. High-Strength Side Wall Impact Plates
3. The heavy-duty rotor shaft and bearings are equipped with an automatic lubrication system as standard.



4. High-strength and durable rotor blades ensure long-lasting operation. The rotor blades can be reversed to optimize efficiency.
5. The crushing distance (CSS) between the pendulum plates and rotor blades can be hydraulically adjusted to achieve maximum efficiency.
6. The crusher features an Ø868 x 820 mm inlet and a hydraulic lid cylinder that engages during large material loading to prevent blockages.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	DATAS
Crusher	Impact Crusher
Rotor Dimensions	Ø 868x820 mm
RPM	600 devir
Adjustment Type	Hydraulic
Drive	Electric Motor V-Belt
Power Unit	
Motor Power	220 kVA
Diesel Tank Capacity	280 litre
Hydraulic Oil Tank Capacity	160 litre

Note: All weights and dimensions are valid only for standard units.

The information contained in this document is provided for informational purposes only and is subject to change without prior notice. FABO Global accepts no liability for any errors or omissions contained herein or for any use of the information provided. Due to our continuous product development process, we reserve the right to modify technical specifications without prior notice.

The product performance data provided in this brochure is for guidance purposes only. Such information does not constitute an express or implied warranty or commitment, but merely represents test results. Actual results may vary depending on the application.

Photographs are for illustrative purposes only. Some or all of the machines shown in the images may be equipped with optional additional equipment. Please contact us for detailed information about optional equipment.

© FABO GLOBAL. All rights reserved. (Tüm hakları saklıdır.)

FTI-80-S MOBILE IMPACT CRUSHER

THE NEW LEADER IN IMPACT CRUSHING

FTI-80-S is one of the most popular models in the product range and is currently among the most preferred mobile impact crusher models worldwide. The FABO FTI series stands out with its reliability, durability, and high performance, designed to meet all mobile crushing and screening needs of professional users.

Thanks to its wide feed opening and high impact energy, it delivers excellent size reduction ratios with high efficiency. The powerful impact crusher unit easily handles the most challenging stone and demolition applications, while its integrated screening system ensures superior performance in recycling and aggregate production. The hydraulic lifting/lowering feature, offered as standard on the main conveyor, facilitates maintenance and transportation while maximizing operator efficiency.

KEY FEATURES:

- Emission-compliant 220 kVA engine for powerful and economical performance
- Automatic centralized lubrication system to reduce maintenance time
- * Capable of operating at ambient temperatures up to 40–50°C without requiring an oil change
- The special inlet geometry of the crusher unit ensures optimum material feeding, while the proven rotor blades provide long service life, high impact efficiency, and superior product quality.
- Transport and working dimensions comply with European standards
- Designed for fuel savings and low operating costs.

PRODUCTION CAPACITY:

40-150 T/H

FEATURES	DATAS
Equipment:	Impact Crusher – Vibrating Screen
Rotor Dimensions:	Ø 870x820 mm
Feed Opening:	800x730 mm
Screen Dimensions:	2300X1100 mm
Transport Dimensions:	14399 mm (Length) 2400 mm (Width) 3400 mm (Height)
Weight:	29000 kg

(1) **Feeding Unit**
- 2.6 m³ standard capacity
- Feed Height: 2880 mm
- Feed Length: 2980 mm
- Feed Width: 1990 mm
- High-capacity, vibrating, variable-speed step grate feeder
- Wear-resistant liner plates installed as standard
- * CFS system controlling the feeder drive to ensure continuous and uninterrupted crushing process

(2) **Impact Crusher**
- High-performance impact crusher with Ø 868 x 820 mm rotor dimensions
- Hydraulically adjustable CSS for various applications
- Easy maintenance and replacement of spare parts
- Integrated crane system

(4) **Generator**
- 220 kVA emission-compliant engine
- Easy access to the engine compartment for service and maintenance
- Large-capacity 280-liter diesel tank
- Diesel or electric operation capability

(5) * **Magnetic Separator**
- 650 mm conveyor width and 1.5 kW motor power
- Magnet Dimensions: 750 x 630 mm

HYBRID technology

(6) **Main Conveyor**
- 800 mm wide conveyor
- * Dust suppression system
- Hydraulic control system

(14) **Small Return Conveyor**
- Ensures the oversized material is transferred to the long return conveyor.
- Its system, attached to the screen chassis, can be removed from the system together with the pre-screen unit when required.



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

(13) **Bypass Conveyor**
- Belt Width: 500 mm
- Fine material is separated by the pre-screen. Depending on user requirements, the main conveyor can be fed directly via the flap, or the material can be discharged directly through the bypass conveyor.

(8) **Control System** (on the other 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 control

(12) **Screen Discharge Conveyor**
- Belt Width: 1000 mm
- Ensures the discharge of the final product.
- Its durable construction ensures long-lasting operation.

(9) **Track System**
- 400 mm wide tracks driven by wireless and wired remote control
- Radio-frequency remote control

(11) **Long Return Conveyor**
- Belt Width: 400 mm
- Oversized material is redirected back to the crusher to achieve the requested final product size with maximum efficiency.
- Thanks to its 90°-moving design, it can also be used as a stockpiling conveyor.

(10) **Pre-Screen**
- 2300 mm x 1100 mm
- Efficient separation of materials with the integrated screening system.
- Easily removable and installable pre-screen design according to requirements
- Wear-resistant liner plates (optional)

* OPTIONAL



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



The pre-screen features a removable design, providing a compact configuration.

STANDART ÖZELLİKLER



Bypass Conveyor



User-friendly PLC control system with color display



Remote Control Operation



Standard Double-Pendulum Crusher



Wear Plate Feeder + Pre-Screen

© FABO GLOBAL. All rights reserved. (Tüm hakları saklıdır.)