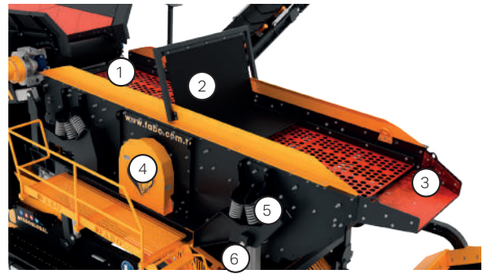
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

FTB-1550
SCALPER SCREEN



1. It is the first screening layer that separates large-sized materials and is made of wear-resistant material.
2. It ensures the flow stabilization of the material on the top layer.
3. The discharge area protection liners extend the service life and ensure the transfer of material to the main conveyor.



4. Thanks to the adjustable screen weights, the screen stroke can be modified, providing a solution tailored to the specific needs.
5. Durable screen springs
6. Thanks to the screen pistons, the operating angle can be adjusted according to the requirement.

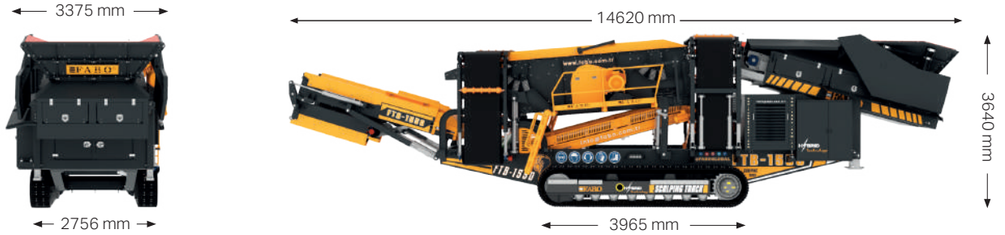
TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DATA
Screen Type	Scalper Screen
Screen Dimensions	1530 x 4800 mm
Feeder Type	Apron Feeder / Belt Feeder
Adjustment Type	Hydraulic
Drive	Electric via V-Belts

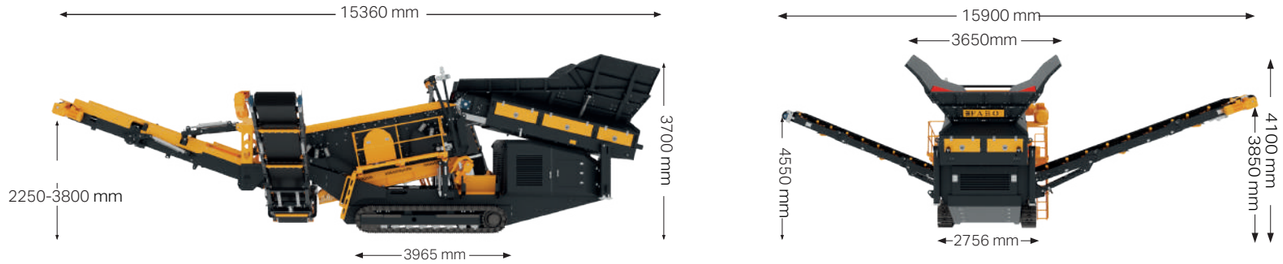
SPECIFICATIONS	DATA
Power Unit	
Motor Power	105 kVA / 112 HP
Diesel Tank Capacity	140 liters
Hydraulic Oil Tank Capacity	180 liters

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

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



Ağırlık : 32000 kg

*** Bunker kapakları opsiyonel ekipmanlardandır.**

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FTB-1550 SCALPER SCREEN

THE NEW STANDARD OF EFFICIENCY AND SPEED!

The FTB-1550 is one of FABO's high-capacity, heavy-duty scalper screen models, delivering superior performance especially in the separation of large, sticky, and heterogeneous materials. It is designed to provide efficient and reliable pre-screening solutions in quarries, mining, and recycling sites.

With its large screening surface and dual-deck heavy-duty screen system, the FTB-1550 ensures effective separation of high-volume materials. By allowing only processable material to reach the crusher, it enhances the efficiency of the entire crushing and screening line while minimizing wear rates.

The standard hydraulic lifting/lowering system simplifies transportation and installation processes, offering operational flexibility. Additionally, its robust chassis structure and vibration-resistant motors ensure long-lasting and uninterrupted operation even under the toughest site conditions.

KEY FEATURES:

– Emission-compliant 105 kVA / 112 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 the need for oil changes
– Ensures high-efficiency separation of tough materials under the most demanding conditions
– Transport and operational dimensions comply with European standards
– Designed for fuel efficiency and low operating costs

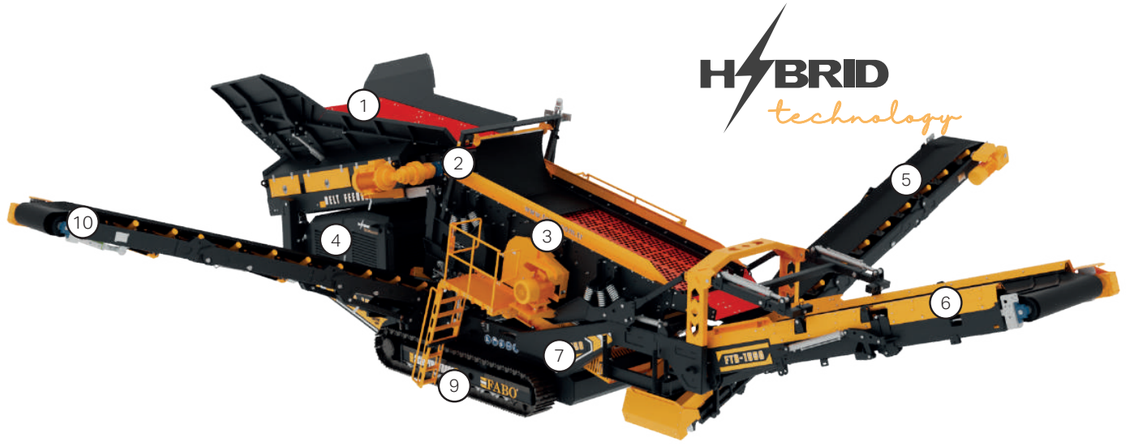
2 Belt Feeder
– Impact rollers
– Heavy-duty conveyor belt for long-lasting use

3 Scalper Screen
– Double-deck coarse material screen
– High-strength screen frame
– Easy separation of difficult-to-screen materials
– Adjustable stroke and operating angle according to needs

4 Generator
– 105 kVA / 112 hp emission-compliant engine
– Easy access to the engine compartment for service and maintenance
– Large-capacity 140-liter diesel tank
– Capability to operate on diesel or electricity

5 Stock Conveyor-1
– Width: 800 mm
– Length: 9160 mm
* Drum or gearbox selection for belt drive is optional
– Easy setup and control with hydraulic system
– Durable conveyor belt for long-term use
– Impact-absorbing rollers extend service life

1 Loading Hopper
– 7 m^3 capacity
– Hardox wear plates
– Hydraulic foldable hopper covers
– Direct feeding with loader or excavator



6 Main Conveyor
– Width: 1200 mm
– Length: 5535 mm
* Optional drum or gearbox selection for belt drive
– Hydraulic control adjusts the operating angle and transport position
– Impact-absorbing rollers accommodate large materials
– Durable conveyor belt for long-term use

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

10 Stock Conveyor-2
– Width: 800 mm
– Length: 9580 mm
– Discharges the final product
* Optional drum or gearbox selection for belt drive
– Easy setup and control with hydraulic system
– Durable conveyor belt for long-term use

9 Track System
– 400 mm wide tracks that can be operated via remote wireless and wired control
– Radio frequency remote control

8 Under-Screen Conveyor
– Length: 4135 mm
– Width: 1200 mm
– Transfers material to Stock Conveyor 2
– Final product is discharged from the screen

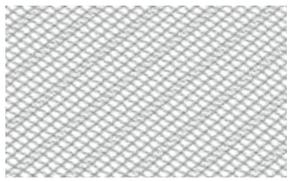
PRODUCTION CAPACITY:
220-400 T/H

* OPTIONAL

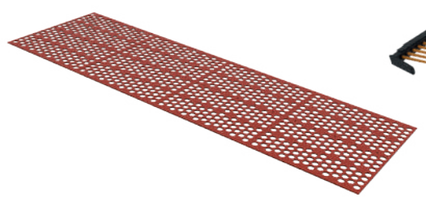
* Drum, drum or gearbox

SPECIFICATIONS	DATA
Equipment:	Scalper Screen
Screen Dimensions:	1530 x 4800 mm
Max. Feeding Size:	500 mm
Transport Dimensions:	14620 mm (Length) 3375 mm (Width) 3640 mm (Height)
Weight:	32000 kg

* Optional Screen Types



Wire Screen
– Different wire qualities and thickness options are available for screening fine and medium-hard materials. Thicker wires provide longer durability, while thinner wires increase efficiency.



Perforated Plate
– Effectively separates materials of different sizes; preferred for coarse and abrasive materials in gravel, recycling, and natural stone processing.



Finger Screen
– Provides high efficiency in processing difficult-to-separate, moist, and sticky materials.



Three-deck finger screen



STANDARD FEATURES



Three-deck scalper screen



User-friendly PLC control system with color display



Remote Control Operation



Track System



Belt Feeder



Apron Feeder (Optional)

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