FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

FULLSTAR-115

SEMI-MOBILE CRUSHING, SCREENING & WASHING PLANT



CLK-110 Jaw Crusher



CC Cone Crusher



TECHNICAL SPECIFICATIONS

1.Chassis

FEATURES	DATAS
Crusher	Jaw Crusher (CLK-110)
Max. Feed Size	800 mm
Closed Size Setting (CSS)	80-200 mm
Adjustment Type	Hydraulic
Drive	Electric via V-Belts
Electric Motor	132 kw

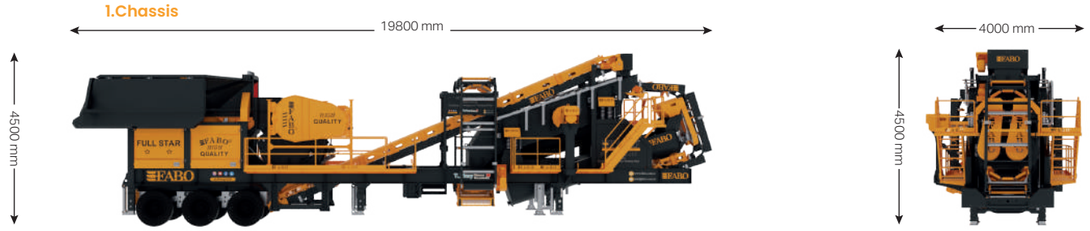
2.Chassis

FEATURES	DATAS
Crusher	CC-300 Cone Crusher
Max. Feed Size	214 mm
Adjustment Type	Hydraulic
Drive	Electric via V-Belts
Electric Motor	200 kw

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

TRANSPORT DIMENSIONS

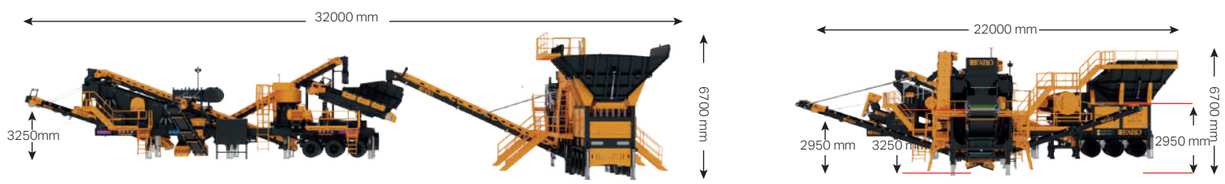
1.Chassis



2.Chassis



WORKING DIMENSIONS



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PRODUCTION CAPACITY:

200-300 T/H

HIGH PERFORMANCE SEMI-MOBILE CRUSHING AND SCREENING ITS POWER IS WITH YOU EVERYWHERE!

Developed with FABO Global's engineering expertise, the Semi-Mobile Crushing, Screening, and Washing Plant** delivers efficient production through its high production capacity, easily transportable semi-mobile design, and rapid installation.
Equipped with powerful crushing units, high-performance vibrating screens, an integrated washing system, and durable conveyor belts, it provides outstanding performance in processing a wide range of materials, from hard and abrasive rock to limestone. It is a reliable, longlasting, and sustainable solution for mining and quarrying applications.

KEY FEATURES:

- Offers powerful and economical performance.
- Provides quick setup and easy site relocation thanks to its semi-mobile design.
- Produces high-quality aggregates with its integrated crushing, screening, and washing system.
- Delivers high efficiency across a wide range of materials, from hard and abrasive stones to limestone.
- Provides easy operation and efficient management of production processes with its PLC-controlled automation system.
- Features transport and working dimensions compliant with European standards.
- Ensures long-lasting operation with its durable chassis and heavy-duty conveyor system.
- Optimized for fuel efficiency and low operating costs.

FEATURES		DATAS
Equipment:		Jaw Crusher CC Cone Crusher 2 × Vibrating Screen Screw Washer
Max. Feed Size:		800 mm
Transport Dimensions:	1. Chassis	19800 mm (Length) 4000 mm (Width) 4500 mm (Height)
	2. Chassis	19160 mm (Length) 4548 mm (Width) 4500 mm (Height)
Weight	1. Chassis	75000 kg
	2. Chassis	50000 kg

1 Hopper
– 35 m³ capacity
*Wear-resistant liner plates

2 Grizzly Vibrating Feeder
– 2 × 7.5 kW – 1000 rpm
– Feeder dimensions: 4800 × 11130 mm, with grizzly and liners
– High-capacity grizzly vibrating feeder
– Wear-resistant liner plates installed as standard
– The grizzly structure acts as a pre-screen, allowing smaller-sized material to be bypassed and discharged via the bypass belt conveyor.

3 Jaw Crusher
– CLK-110 Jaw Crusher model
– High-performance jaw crusher with 1100 × 850 mm inlet dimensions
*Hydraulically adjustable CSS for various applications (optional)
– Easy maintenance and spare parts replacement

4 Screen Feed Belt Conveyor
– Width: 800 mm
*Hydraulic control
– 11 kW
– Ensures smooth and continuous feeding of the screen, enabling efficient material classification (separation by size).
– Typically positioned before the vibrating screen.

5 Vibrating Screen
– Dimensions: 1700 × 4500 mm
– 1 × 18.5 kW motor
– The two-deck screen separates materials into different sizes.

6 Screw Washer
– Dimensions: 800 × 8000 mm
– 2 × 7.5 kW

7 Under-Screen Stockpile Belt Conveyor
– Belt Width: 800 mm
– Discharge Height: 3200 mm
– 11 kW
*Hydraulic control
– The under-screen stockpile belt conveyor allows the finest material passing through the vibrating screen to be stockpiled.

8 Stockpile Belt Conveyor
– Width: 500 mm
– 5.5 kW
– Discharge Height: 2950 mm
*Hydraulic control

9 Apron Feeder Hopper
– 7 m³ capacity
*Wear-resistant liner plates
– Apron belt: 11 kW – 30 rpm
– Belt width: 1000 mm

10 Short Return Belt Conveyor
– Width: 500 mm
– 4 kW – 90 rpm

11 Long Return Belt Conveyor
– Width: 500 mm
– 7.5 kW – 90 rpm
*Hydraulic control

12 CC Konik Kırıcı
– CC Cone Crusher model
– Maximum feed size: 214 mm
– Hydraulically adjustable CSS for various applications
– Easy maintenance and spare parts replacement

13 Elek Besleme Bandı
– Width: 1000 mm
*Hydraulic control
– 11 kW – 90 rpm
– Ensures smooth and continuous feeding of the screen, enabling efficient material classification (separation by size).
– Typically positioned before the vibrating screen.

14 Vibrating Screen
– Dimensions: 2200 x 5500 mm
– 30 kW motor power, 1500 rpm, 1 unit
– The 3-deck screen separates materials into different sizes.
– Screening surface area: 5 m² per deck

15 Left Stockpile Conveyor
– Width: 500 mm
*Hydraulic control
– Discharge Height: 2950 mm
– 5.5 kW – 90 rpm

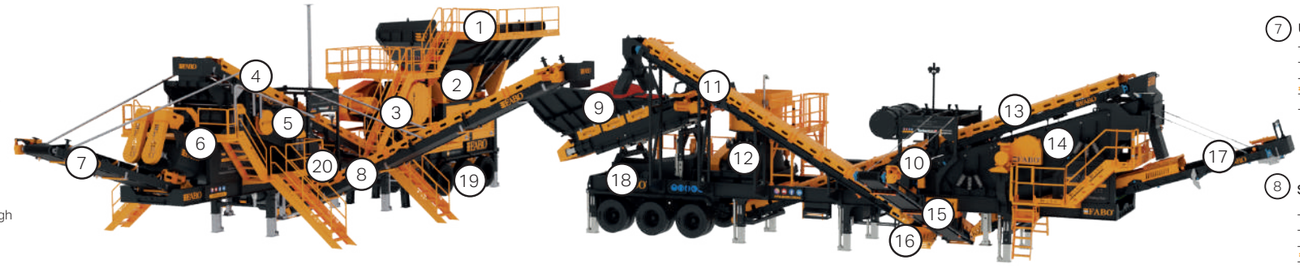
16 Right Stockpile Conveyor
– Width: 500 mm
*Hydraulic control
– Discharge Height: 2950 mm
– 5.5 kW – 90 rpm

17 Under-Screen Stockpile Conveyor
– Belt width: 1000 mm
– Discharge Height: 3250 mm
– 11 kW – 90 rpm
*Hydraulic control
– The under-screen stockpile conveyor ensures the stockpiling of the finest material passing through the vibrating screen.

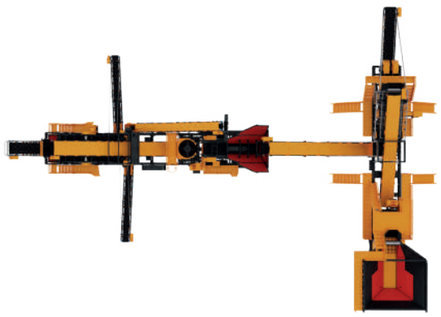
18 Chassis
– Heavy-duty welded body mounted on the chassis

19 Axle System
– Manufactured with 3 axles each.

20 Control System
– Controls all main equipment through a PLC-controlled central control panel. This system provides the operator with precise control over the operating mode, equipment speeds, and positions.



* OPTIONAL



The two-chassis FULLSTAR-115 is a semi-mobile crushing, screening, and washing plant that delivers maximum on-site efficiency with its high production capacity, durable structure, and easy-to-transport design.



The CLK-110 Jaw Crusher is a reliable solution for primary crushing applications, offering high durability and efficient crushing performance.



The CC-300 Cone Crusher delivers reliable performance in secondary crushing applications with its high efficiency.

STANDARD FEATURES



The high-efficiency 1700 × 4500 mm vibrating screen and screw washing system ensure efficient screening, classification, and washing of the material.



Provides easy and efficient operation with a user-friendly PLC control system with a color display.



Provides efficient and precise material classification with a high-capacity, three-deck vibrating screen measuring 2200 × 5500 mm.



Manufactured with two chassis, each configured with three axles.



35 m³ Hopper Capacity

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