FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

MCK-115

SEMI-MOBILE CRUSHING AND SCREENING PLANT



CLK-110 Jaw Crusher



CC Cone Crusher



TECHNICAL SPECIFICATIONS

1.Chassis

SPECIFICATIONS	DATA
Crusher	Jaw Crusher (CLK-110)
Max. Feed Size	800 mm
Feed Opening	1100x850 mm
Adjustment Type	Hydraulic
Drive	Electric via V-Belts
Electric Motor	132 kw-1450 d/d

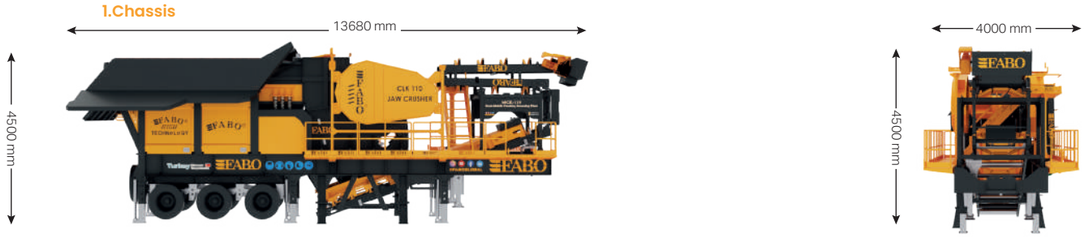
2.Chassis

SPECIFICATIONS	DATA
Crusher	CC-300 Cone Crusher
Max. Feed Size	214 mm
Adjustment Type	Hydraulic
Drive	Electric via V-Belts
Electric Motor	292 kw

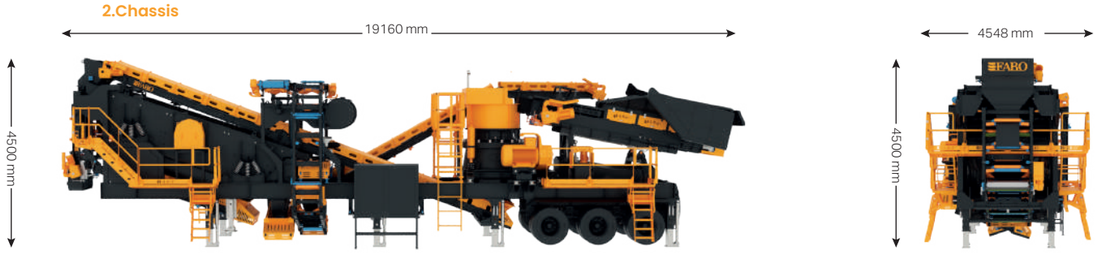
Note: All weights and dimensions apply only to standard units.

TRANSFER DIMENSIONS

1.Chassis



2.Chassis



OPERATING DIMENSIONS



The information in this document is for informational purposes only and is subject to change without prior notice. FABO Global assumes no responsibility for any errors or omissions in this document or for the use of the information provided herein. Due to our ongoing product development process, we reserve the right to change technical specifications without prior notice. The product performance data provided in this brochure is for guidance only; it does not constitute any explicit or implicit warranty or commitment, but merely demonstrates test examples. Results may vary depending on the application. Photographs are for promotional purposes only; some or all of the machines shown may be equipped with optional accessories. For detailed information regarding optional accessories, please contact us.

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

PRODUCTION CAPACITY:
180-300 T/H

HIGH-PERFORMANCE SEMI-MOBILE CRUSHING AND SCREENING POWER WHEREVER YOU GO!

The MCK-115 Semi-Mobile Crushing & Screening Plant, designed with the engineering expertise of FABO Global, offers high efficiency and flexible operation with a production capacity of 180–300 tons/hour. Its semi-mobile structure allows easy transportation to different sites and rapid commissioning. Delivering superior performance across a wide range of materials—from hard, abrasive rocks to limestone—the MCK-115 is engineered for maximum output with its powerful crusher unit, vibrating screens, and durable conveyor systems. Manufactured with FABO Global's commitment to quality, the MCK-115 Semi-Mobile Crushing & Screening Plant provides reliable, long-lasting, and sustainable solutions for mining and quarrying projects.

KEY FEATURES:

– Powerful and economical performance
* Optional automatic lubrication system available to reduce maintenance time
* Capable of operating at ambient temperatures up to 40–50°C without requiring oil changes
– Special inlet geometry of the crusher unit ensures optimal material feeding, while the tested rotor blades provide long-lasting high-impact performance and superior product quality
– Transportation and operating dimensions compliant with European standards
– Designed for fuel efficiency and low operating costs

SPECIFICATIONS		DATA
Equipment:		Jaw Crusher CC Cone Crusher Vibrating Screen
Rotor Diameter:		1100 x 850 mm
Max. Feed Size:		800 mm
Transport Dimensions:	1. Chassis	13680 mm (Length) 4000 mm (Width) 4500 mm (Height)
	2. Chassis	19160 mm (Length) 4548 mm (Width) 4500 mm (Height)
Weight	1. Chassis	67000 kg
	2. Chassis	50000 kg

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

2 Grizzly Vibrating Feeder
– 2 × 7.5 kW, 1000 RPM
– Feeder Dimensions: 4800 × 11130 mm, grizzly and lined
– High-capacity grizzly vibrating feeder
– Equipped with standard wear-resistant liner plates
– The grizzly structure allows fine material to act as an intermediate screen and be discharged via the bypass conveyor.

3 Bypass Conveyor
– Discharge Height: 3250 mm
– Width: 600 mm
– 5.5 kW Motor Power

4 Jaw Crusher
– CLK-110 Jaw Crusher Model
– High-performance jaw crusher with 1100 x 850 mm feed opening
* Hydraulically Adjustable CSS for Various Applications (optional)
– Easy Maintenance and Spare Part Replacement

5 Under-Jaw Discharge Conveyor
– Width: 1000 mm
– 11 kW, 126 RPM

6 CC Cone Crusher
– CC Cone Crusher Model
– Maximum Feed Size: 214 mm
– Hydraulically Adjustable CSS for Various Applications
– Easy Maintenance and Spare Part Replacement

7 Long Return Conveyor
– Width: 500 mm
* – Hydraulic Control
– 7.5 kW, 90 RPM

8 Apron Hopper
– 7 m³ capacity
* Wear-resistant liner plates
– Apron Belt: 11 kW, 30 RPM
– Belt Width: 1000 mm

9 Screen Feed Conveyor
– Width: 1000 mm
* Hydraulic Control
– 11 kW, 90 RPM
– Ensures the screen is fed evenly and continuously, allowing efficient material classification (separation by size).
– Typically positioned before the vibrating screen.

10 Vibrating Screen
– Dimensions: 2200 x 5500 mm
– 30 kW motor power, 1500 RPM, 1 unit
– 3-layer screen separates materials into different sizes.
– Each layer has a screening surface of 5 m²

11 Right Stock Conveyor
– Width: 500 mm
* Hydraulic Control
– 5.5 kW, 90 RPM
– Discharge Height: 2950 mm

12 Under-Screen Stock Conveyor
– Belt Width: 1000 mm
– Discharge Height: 3250 mm
– 11 kW, 90 RPM
– The under-screen stock conveyor stores the finest material passing through the vibrating screen.

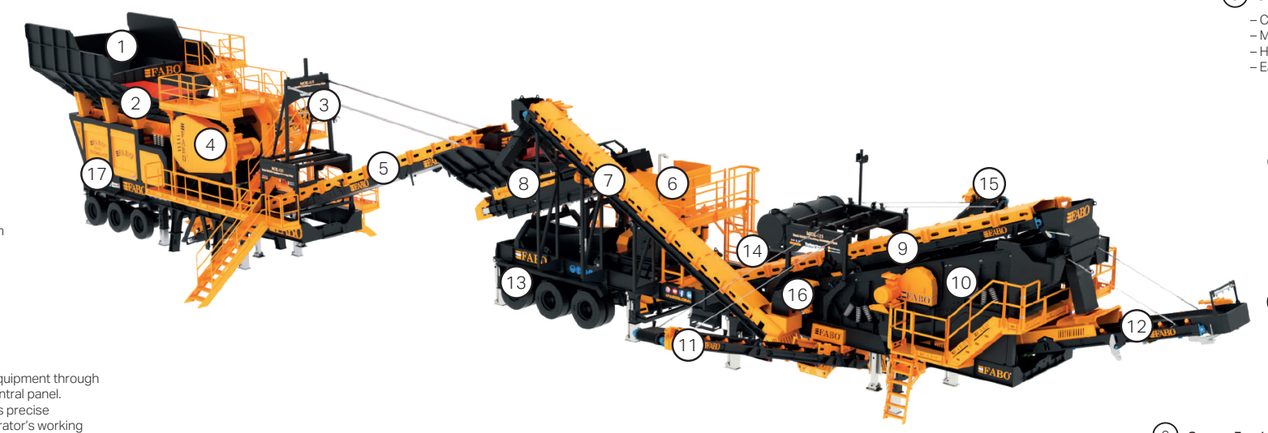
13 Axle System
– Manufactured with 3 axles each.

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

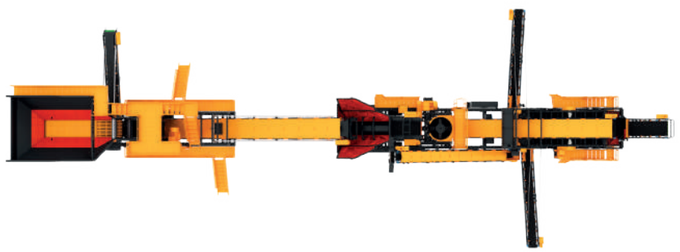
15 Left Stock Conveyor
– Discharge Height: 2950 mm
– Width: 500 mm
* Hydraulic Control
– 5.5 kW, 90 RPM

16 Short Return Belt
– Width: 500 mm
– Hydraulic control
– 4 kW – 90 rpm

17 Chassis
– Heavy-duty welded body on the chassis



* OPTIONAL



The two-chassis MCK-110 is a durable and portable crushing solution designed for maximum on-site performance.



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



The CC cone crusher delivers reliable performance in secondary crushing operations with high efficiency.

STANDARD FEATURES



The material is discharged via the bypass belt conveyor.



User-friendly PLC control system with a color display.



A three-tier screen with dimensions of 2200 × 5500 mm.



It is manufactured with two chassis, each with a triple-axle configuration.



35 m³ bunker capacity

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