FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

MCK-110

SEMI-MOBILE CRUSHING AND SCREENING PLANT



CLK-110 Jaw Crusher



DMK-03 Secondary Impact Crusher



TECHNICAL SPECIFICATIONS

1.Chassis

FEATURES	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

FEATURES	DATA
Crusher	Secondary Impact Crusher (DMK-03)
Max. Feed Size	450 mm
Rotor Dimensions	Ø 1120x1500 mm
Adjustment Type	Hydraulic
Drive	Electric via V-Belts
Electric Motor	250 kw-1450 d/d

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

TRANSPORT DIMENSIONS

1.Chassis



2.Chassis



OPERATING DIMENSIONS



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PRODUCTION CAPACITY:

180-300 T/H

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

Designed with the engineering expertise of FABO Global, the MCK-110 Semi-Mobile Crushing and Screening Plant offers high efficiency and flexible operation with a production capacity of 180–300 tons/hour. Its semi-mobile design allows for easy transportation to different sites and quick commissioning.

The MCK-110 delivers superior performance across a wide range of materials, from hard and abrasive rocks to limestone. Equipped with a powerful crushing unit, vibrating screens, and durable conveyor systems, it is engineered for maximum output.

Produced with FABO Global's commitment to quality, the MCK-110 Semi-Mobile Crushing and Screening Plant provides reliable, long-lasting, and sustainable solutions for mining and quarrying projects.

KEY FEATURES:

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

FEATURES		DATA
Equipment:		Jaw Crusher Secondary Impact Crusher Vibrating Screen
Max. Feed Size:		800 mm
Transport Dimensions:	1. Chassis	13683 mm (Length) 3992 mm (Width) 4600 mm (Height)
	2. Chassis	17639 mm (Length) 4571 mm (Width) 4705 mm (Height)
Weight	1. Chassis	63.000kg
	2. Chassis	53.000kg

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

2 Grizzly Vibrating Feeder
- 2×7.5 kW – 1000 rpm
- Feeder dimensions: 4800×1100 mm, grizzly and lined
- High-capacity grizzly vibrating feeder
- Equipped with standard wear-resistant liner plates
- The grizzly structure allows small-sized material to be discharged via the bypass conveyor, acting as a screening function.

3 Bypass Conveyor
- Discharge height: 3283 mm
- Width: 600 mm
- 5.5 kW motor power

4 Jaw Crusher
- CLK-110 Jaw Crusher
- 1100×850 mm feed opening
- Hydraulically adjustable CSS for various
- * applications (optional)
- Easy maintenance and spare part replacement

5 Jaw Discharge Conveyor
- Width: 1000 mm
- 11 kW – 126 rpm

6 Secondary Impact Crusher
- DMK-03 Secondary Impact Crusher
- Ø 1120×1500 mm feed opening
- Hydraulically adjustable CSS for various applications
- Easy maintenance and spare part replacement

7 Long Return Conveyor
- Width: 600 mm
- * Hydraulic control
- 5.5 kW – 126 rpm

8 Short Return Conveyor
- Width: 600 mm
- * Hydraulic control
- 4 kW – 126 rpm

9 Screen Feed Conveyor
- Width: 1000 mm
- * Hydraulic control
- 11 kW – 126 rpm
- Ensures smooth and continuous feeding of the screen, enabling efficient material classification (separation by size).
- Typically positioned before a vibrating screen.

10 Vibrating Screen
- Dimensions: 2200×5500 mm
- Motor Power: 30 kW, 1450 rpm, 1 unit
- Four-deck screen separates materials into different sizes

11 Right Stock Conveyor
- Width: 600 mm
- * Hydraulic Control
- 5.5 kW, 126 rpm
- Discharge Height: 2869 mm

12 Under-Screen Stock Conveyor
- Belt Width: 1000 mm
- Discharge Height: 3125 mm
- 5.5 kW, 126 rpm
- The under-screen stock conveyor stores the finest material passing through the vibrating screen.

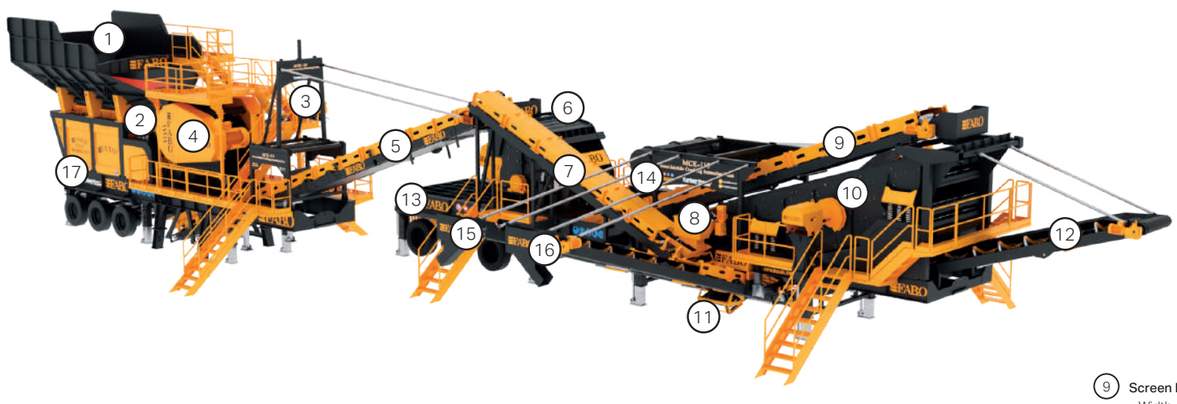
13 Axle System
- Manufactured with three axles each chassis

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

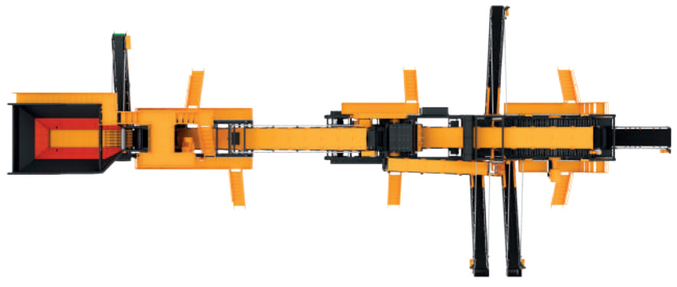
15 Left Stock Conveyor-1
- Discharge Height: 2180 mm
- Width: 600 mm
- * Hydraulic Control
- 5.5 kW, 126 rpm

16 Left Stock Conveyor-2
- Discharge Height: 2180 mm
- Width: 600 mm
- * Hydraulic Control
- 5.5 kW, 126 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 performance on site.



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



The DMK-03 secondary impact crusher delivers reliable performance in secondary crushing operations with high efficiency.

STANDARD FEATURES



The material is discharged through the bypass belt conveyor.



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



Four-deck screen with screen dimensions of 2200×5500 mm



Each chassis is manufactured with three axles



Hopper with a capacity of 35 m³.

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