FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

MCK-90

SEMI-MOBILE CRUSHING AND SCREENING PLANT



CLK-110 Jaw Crusher



DMK 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	Electricity via V Belts
Elektrik Motor	132 kw-1450 rpm

2.Chassis

FEATURES	DATA
Breaker	DMK- Secondary Impact Crusher
Max. feed size	450 mm
Rotor Dimensions	Ø 1120 x 1500mm
Adjustment Type	Hydraulic
Drive	Electricity via V Belts
Electric Motor	315 kw

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

TRANSFER DIMENSIONS

1.Chassis



2.Chassis



Note: Belt feeding is optional, dimensions may vary.

WORKING DIMENSIONS



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PRODUCTION CAPACITY:
100-180 T/S

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

Designed with the engineering power of FABO Global, MCK-90 Semi-Mobile Crushing and Screening Plant offers high efficiency and flexible working opportunities with a production capacity of 100-180 tons/hour. Thanks to its semi-mobile structure, it can be easily transported to different sites and put into operation in a short time.

MCK-90 provides superior performance on a wide range of materials, from hard and abrasive stones to limestone.
It has been developed for maximum production with its crusher unit, vibrating screens and durable band systems.

MCK-90 Semi-Mobile Crushing and Screening Plant, produced with FABO Global's quality approach, offers reliable, long-lasting and sustainable solutions in mining and quarrying projects.

HIGHLIGHTED FEATURES:

– Powerful and economical performance
* Automatic lubrication system is offered optionally to reduce maintenance time.
* Operating capacity up to 40-50°C ambient temperature without requiring oil change
– The special inlet geometry of the crusher unit ensures ideal feeding of the material; Proven rotor pallets offer long-lasting high impact impact and superior product quality.
– Transport and working dimensions in accordance with European standards
– Designed for fuel savings and low operating costs.

FEATURES		DATA
Equipment:		Jaw Crusher DMK 03 Vibrating Screen
Rotor Diameter:		1120 x 1500 mm
Max. feeding size:		450 mm
Transport dimensions:	1. Chassis	13680 mm (Length) 4000 mm (Width) 4500 mm (Height)
	2. Chassis	18700 mm (Length) 4470 mm (Width) 4500 mm (Height)
Weight	1. Chassis	67000kg
	2. Chassis	54000kg

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

2 Grizzly Vibrating Feeder
– 2 × 7.5 kW – 1000 rpm
– Feeder Dimensions: 4800 × 11130 mm, grizzly type and lined
– High-capacity grizzly vibrating feeder
– Standard wear-resistant liner plates
– The grizzly structure acts as a pre-screen, allowing fine material to bypass via the bypass conveyor.

3 Bypass Conveyor
– Discharge Height: 3,250 mm
– Belt Width: 600 mm
– Motor Power: 5.5 kW

4 Jaw Crusher
– CLK-110 Jaw Crusher Model
– High-performance jaw crusher with 1100 × 850 mm feed opening
* Hydraulically adjustable CSS (Closed Side Setting) for various applications (optional)
– Designed for easy maintenance and quick wear and spare parts replacement

5 Jaw Crusher Discharge Conveyor
– Belt Width: 1000 mm
– Drive Motor: 11 kW – 126 rpm

6 DMK Secondary Impact Crusher
– DMK Secondary Crusher Model
– Designed for easy maintenance and quick replacement of wear and spare parts

7 Long Return Conveyor
– Belt Width: 600 mm
* Hydraulic Control
– Drive Motor: 5.5 kW – 126 rpm

8 Screen Feed Conveyor
– Belt Width: 1000 mm
* Hydraulic Control
– Drive Motor: 11 kW – 126 rpm
– Ensures smooth and continuous feeding of the screen, enabling efficient material c lassification by size.
– Typically installed upstream of the vibrating screen.

9 Control System.
– All main equipment is controlled via a centralized PLC control panel. This system enables precise operator control of operating modes, equipment speeds, and positions.

10 Vibrating Screen
– Screen Dimensions: 2200 × 5500 mm
– 4 × 30 kW motors – 1450 rpm
– Multi-deck screen separates material into different size fractions
– Screening surface area per deck: 100 m²

11 Right Stock Conveyor
– Belt Width: 600 mm
* Hydraulic Control
– Drive Motor: 5.5 kW – 126 rpm
– Discharge Height: 3,000 mm

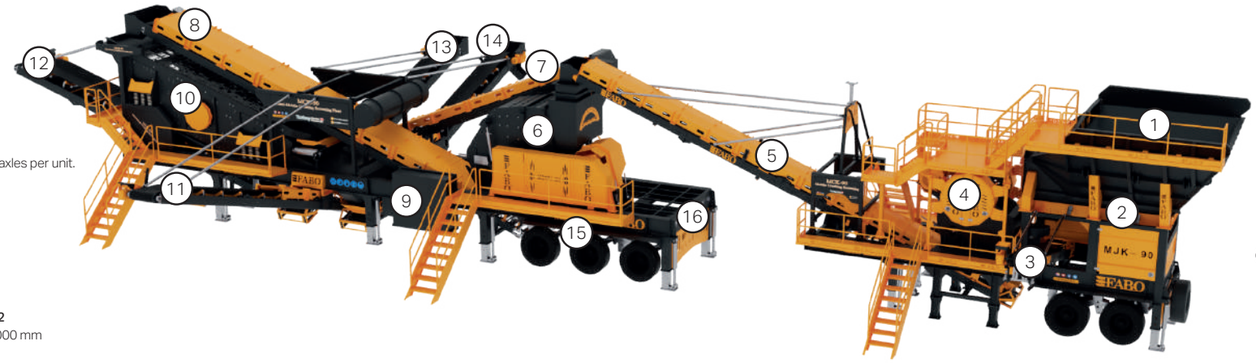
12 Under Screen Stock Conveyor
– Belt Width: 1000 mm
– Discharge Height: 4,000 mm
– Drive Motor: 11 kW – 126 rpm
– Conveys and stockpiles the finest material passing through the vibrating screen as under-screen product.

13 Left Stock Conveyor 1
– Discharge Height: 3,000 mm
– Belt Width: 600 mm
* Hydraulic Control
– Drive Motor: 5.5 kW – 126 rpm

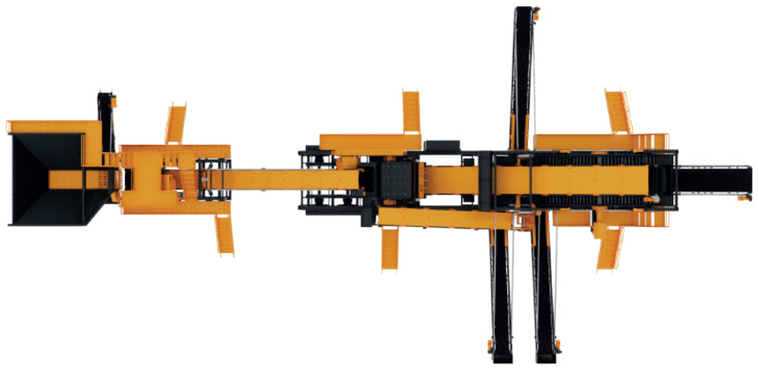
14 Left Stock Conveyor 2
– Discharge Height: 3,000 mm
– Belt Width: 600 mm
* Hydraulic Control
– Drive Motor: 5.5 kW – 126 rpm

15 Axle System
– Manufactured with three axles per unit.

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



* OPTIONAL



The two-chassis MCK-95 is a durable and portable crushing solution designed for maximum performance in the field.



DMK 03, second stage with high efficiency
It offers reliable performance in crushing operations.

STANDARD FEATURES



The material is discharged via bypass belt conveyor.



User-friendly PLC control system with color display



It is a four-layer sieve with sieve dimensions of 2200 x 5500 mm.



It is produced with two chassis, three axle configurations.



35 m³ Hopper Capacity

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