Continuous crusher feed thanks to CFS

Innovative crusher unblocking system for extremely short downtimes

High-performance and robust: magnet and crusher discharge conveyor

Efficient and powerful diesel direct-drive

Convenient crusher gap setting via touch panel

Effective prescreening with independent double-deck prescreen (*Z* version)

Crusher unit with extra long, articulated crusher jaw

Simple control with menu-guided touch panel

For transport with foldable side discharge conveyors

Feeding unit with integrated hopper walls

Convenient transfer belt with articulation system

Simple transportation

Linkage - good in combination

The mobile MOBICAT EVO jaw crushers:
- simple transportation
- fast set-up
- high productivity
MOBICAT EVO
MOBILE JAW CRUSHERS  MC 100 R | 110 R | 110 Z EVO

**01 Feeding unit**
- Integrated hopper walls for short set-up times and simple transportation
- Optional hopper extension
- Hopper extension enables feeding by means of wheel loader
- Can be folded and locked hydraulically, can also be secured mechanically
- Can be operated from the ground

**02 Foldable side discharge conveyors**
- Short side discharge conveyor for extremely short set-up times
- Simple and secure transport position
- Long side discharge conveyor high stockpile volume
- Can be folded down simply and quickly
- Remains on machine for transport
- Bypass flap for simple redressing of the material flow - sub-floor no longer required

**03 Prescreening**
- Independently oscillating double-deck prescreen ensures effective screening of fine particles in feeding material (“Z” version)
- “R” version with longer vibrating feeder with integrated dotted grate in its class
- Reduction in wear by redirecting medium grain through the large size crusher bypass
- Increase in final product quality through discharge of fine particles via the side discharge conveyor

**04 Continuous Feed System (CFS)**
- Continuous crusher feed thanks to innovative feed control:
  1. Ultrasonic probe above the crusher inlet detects the feed
  2. Vibrating feeder and prescreen frequencies are ideally adapted to the crusher level

**05 Crusher unit**
- Flatened transfer to the crushing chamber means the material can lift into the crushing chamber without any restrictions
- Reduction in blockages through highly raised crusher jaw - material control jaw
- Fastening elements are located behind the rocker, outside the wear area

**06 Crusher gap setting**
- Convenient crusher gap setting thanks to simple input on touch panel
- Fully hydraulic adjustment by wedge system

**07 Crusher unblocking system**
- Innovative, reversible crusher unblocking system for breaking up compacted material
- Enables start-up with full crusher jaw - in-normal and opposite direction
- Considerably minimizes the standstill times in case of obstructions in the crusher

**08 Drive**
- Extremely efficient and high-performance crusher direct-drive, very reasonable consumption values
- On-board power generator for driving electric components, e.g. of the prescreen, chutes and conveyor belts
- Independent drive system
- Heat package (-15 to + 50 °C) or cold package (-25 to + 40 °C)

**09 Control system**
- Simplified and intuitive control by touch panel and illuminated pushbuttons
- Menus-guided operation with continuous text fault display
- All components and functions can be controlled from, e.g. the excavator
- Remote control for convenient control of the equipment
- Rapid access to the operator panel through a separate flap (door-in-door)

**10 Magnetic separator* and crusher discharge conveyor**
- Magnetic separator
  - Effective electromagnet or permanent magnet
  - High-performance electromagnet provides more space between conveyor and magnet
- Can be raised and lowered hydraulically by remote control to remove the blockages

**11 Transport**
- High flexibility for changing work locations
- Short make-ready times thanks to uncomplicated setup
- Compact design - for applications in narrow construction sites (e.g. town centres)

**12 Linkage**
- Simple linkage option with other KLEEMANN plants
- Intelligent material flow control by means of line coupling and CFS
- Technical safety connection via cable - safe stop of all machines if any emergency stop is pressed