

MOBICAT MC 110i EVO2



Focus on economy



The cost-effective use of crushing and screening plants depends on many factors. Whether this relates to costs per ton, efficient operation or optimized construction site logistics - the jaw crusher MOBICAT MC 110i EVO2 can really impress with regard to cost-effectiveness.

Focus on operability



Although the functions of crushing plants are becoming more and more sophisticated, we simply make operation easier.

The operating concept **SPECTIVE** allows the potential of the machines to be utilized simply and intuitively.

SPECTIVE CONNECT is the logical extension as the human interface of the crusher is brought to the operator in the excavator. Apart from relevant data such as speed, consumption values and fill levels, fault messages and even live camera images are also presented.

Work therefore does not have to be interrupted to view the status. This is safe and efficient.

In addition, important process and machine data can be compiled in a report and transmitted conveniently. The potential can thus be fully exploited and the yield can be increased - knowledge creates a higher output.

Sustainability at a glance



Sustainable solutions offer a genuine guaranteed future.

The MC 110i EVO2 impresses with its holistic drive concept with an efficient **diesel-directdrive**. When operated in **ECO mode**, fuel consumption as well as wear in idling phases can also be reduced.

The **output- and load-dependent fan** guarantees low-noise and even more economic operation.

The optimized noise reduction also makes the plant perfectly suitable for urban applications.

MOBICAT MC 110i EVO2

1 Feeding unit

- > Feeding unit foldable and lockable via radio, no additional tasks required
- > Hopper filling aid⁺ and hopper extension⁺ (10 yd³) makes a rearside loading width of up to 11' 6" possible

2 Prescreen

- > Independent vibrating double-deck prescreen ensures effective screening of the fines in the feed material
- > Bypass flap integrated in the prescreen diverts the material stream and reduces the amount of sticking material
- > Side discharge conveyor can be used on both sides

3 Continuous Feed System CFS

- > Continuous crusher utilization thanks to optimum feed control - for up to 10% higher daily output
- > Vibrating feeder and prescreen throttle or increase the conveying speed automatically depending on the fill level of the crusher

4 Crusher unit

- > Extra long crusher jaw: for optimum material feeding into the crushing chamber
- > Fully hydraulic gap setting: Over the complete adjustment range, convenient via touch panel or radio
- > Crusher unblocking system⁺: Crusher reversible for loosening blocked material and powerful starting even with the crusher filled
- > Deflector plate: At the crusher outlet to protect the discharge conveyor, adjustable in two positions, with replaceable wear elements⁺

5 Control and overload system

Overload system

- With short-term overload at selected points (e.g. metal in the feed material)
- Gap opening via adjustment range:
 - > Crusher detects overload automatically and opens the crushing gap - to prevent damage to the crusher
- Active overload system⁺:
 - > Even faster reaction to overload for preventing damage to the crusher
 - > Automatic repositioning of the gap - for constant product quality

Load reduction system

- For preventing consequential damage during long periods of operation under extraordinarily high forces
- > Feed volume is adapted and the forces on the housing and rocker are thus reduced
- > When the overload is reduced, an adjustment is made to the highest possible output



6 Drive

- > Efficient and powerful crusher directdrive with low fuel consumption, conveyor belts are driven electrically
- > Output-dependent fan
- > Heat package⁺ (5 to 122 °F) or cold package⁺ (-13 to 104 °F)

7 SPECTIVE control system

- > **SPECTIVE touch panel:** with menu-guided operation, visualization and help; status display of all components such as speed, temperature, etc., fast error-tracking and diagnosis
- > **SPECTIVE CONNECT⁺:** for displaying all important information directly on the smartphone
- > **SPECTIVE radio remote control:** for operation of all important components
- > **SPECTIVE radio remote control small⁺:** the most important operating functions neatly combined, minimum space requirements in the operator's cabin
- > **Camera system⁺:** convenient monitoring of crusher, hopper, remote monitor in the excavator

SPECTIVE

- > **Telematics system WITOS FleetView:** efficient fleet and service management with information on the operating status of the machine independently of location and time - alternatively, integration in SPECTIVE CONNECT
- > **Quick Track⁺:** rapid and simple relocation of the machine; convenient operation via radio remote control
- > **Line coupling:** process coupling for control of the production output; safety coupling for linking of the plants in the line team

> Accessibility and safety

- > Fast and convenient service possible thanks to high accessibility to all components
- > Simple refueling from the ground, refueling pump⁺ available
- > Spray system and LED lighting included in the basic plant; premium lighting⁺ for extended illumination of working areas
- > Central draining point for fluids for ergonomic maintenance

> Transport

- > High flexibility for changing work locations, short setup times
- > Compact design - for applications in narrow construction sites (e.g. city centers)
- > Simple transport thanks to hydraulic functions (e.g. side discharge conveyor, crusher discharge conveyor) and a transport height of 11' 2"

TECHNICAL INFORMATION MC 110i EVO2

Feed capacity up to approx. (US)	441
Crusher inlet width x depth (inch)	44" x 28"
Feed size max. (inch)	39" x 24"
Transport height approx. (inch) *	11' 2"
Transport length approx. (inch) *	49' 3"
Transport width approx. (inch) *	9' 10"
Transport weight of basic plant - max. configuration (lbs)	99.300 - 106.350

* without options

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