

MOBICONE MCO 90(i) EVO2 mobile cone crusher

The MOBICONE MCO 90(i) EVO2 is a powerful team player in hard stone in the 2nd and 3rd crushing stage. Whereas top product quality can be expected from a cone crusher, the MCO 90(i) EVO2 also delivers high production output. With different tools and without further conversion work on the crusher, the cone crusher covers a gap range of 6 - 45 mm - for an even larger range of applications. Optimum efficiency, simple operation and innovative overload systems are the outstanding features of the plant.

**TECHNICAL DATA MCO 90(i) EVO2****Feeding unit**

Feed capacity up to approx. (t/h)	270 ¹⁾
Max. feed size (mm)	200
Feed height approx. (mm)	2,600
Feed height with extension approx. (mm)	3,240
Hopper volume (with extension) approx. (m ³)	6.6 (8.3)
Width x length approx. (mm)	2,780 x 3,000
Width x length with extension approx. (mm)	3,700 x 3,500

Feeding conveyor

Width x length (mm)	1,000 x 6,400
---------------------	---------------

Crusher

Cone crusher type	KX 250
Crusher system size d- (mm)	970
Crusher weight approx. (kg)	8,900
Crusher drive type, approx. (kW)	direct, 185
Plant performance at 0 - 32 mm approx. (t/h)	220
Plant performance at 0 - 63 mm approx. (t/h)	270

Crusher discharge conveyor

Width x length (mm)	800 x 9,100
Discharge height approx. (mm)	3,300

Power supply unit

Drive concept	diesel-direct ²⁾
Drive output of Scania diesel engine (kW)	287 - 289 ³⁾
Generator (kVA)	135

Post screening unit (optional)**Single-deck post screening unit**

> Width x length (mm)	1,350 x 4,000
> Return conveyor (mm)	500 x 9,000
> Discharge height of fine grain discharge conveyor approx. (mm)	3,600

Post screening unit (optional)**Double-deck post screening unit**

> Width x length (mm)	1,350 x 4,550
> Return conveyor (mm)	500 x 9,000
> Discharge height of fine grain discharge conveyor approx. (mm)	3,430

Transport**Transport dimensions without options**

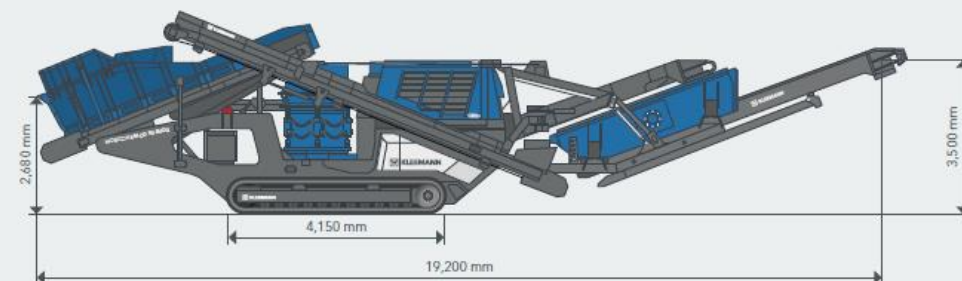
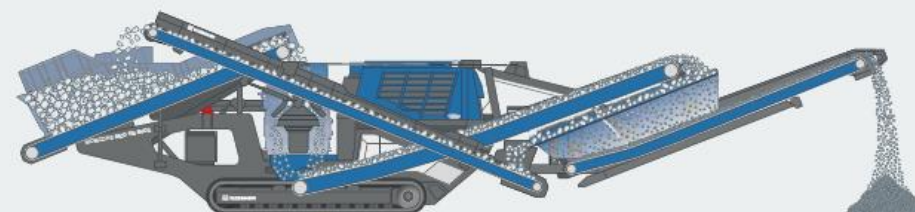
> Transport length approx. (mm)	16,000
> Transport width approx. (mm)	3,000

Transport dimensions with post screening unit

> Transport length with single-deck post screening unit (mm)	20,200
> Transport length with double-deck post screening unit (mm)	20,700
> Transport width with screening unit (mm)	3,240
> Transport height with screening unit (mm)	3,400

Transport weight

> Transport weight single-deck post screening unit (kg)	8,930 ⁴⁾
> Transport weight double-deck post screening unit (kg)	10,900 ⁴⁾
> Transport weight of basic plant - max. configuration (kg)	33,500 - 49,000

OPERATING POSITION**MATERIAL FLOW**

The mobile cone crusher is agile and easy to transport - thanks to compact transport dimensions and short set-up times, the machine is versatile and quickly ready for operation. Equipped with intelligent and effective overload systems such as "Tramp Release" or "Ringbounce Detection", safety and stable processes can be guaranteed for top product quality even under difficult conditions.

The MOBICONE MCO 90(i) EVO2 can be easily and intuitively combined with the different SPECTIVE components. SPECTIVE CONNECT, in particular, facilitates work for users because they can display all relevant machine data directly on the smartphone - no matter where they may be.

¹⁾ closed circuit²⁾ all ancillary drives electric³⁾ depending on the respective exhaust emission standard⁴⁾ e.g. as hook lift system