MOBILE JAW CRUSHERS

MOBICAT EVO
A LONG TRADITION OF EXPERTISE.

For the past 100 years, KLEEMANN GmbH has been developing and manufacturing machines and plants for the natural stone and recycling industry.

High levels of performance and innovative details, simple handling and maximum safety for the operator – this is what KLEEMANN crushing and screening plants stand for.
With more than 200 subsidiaries and dealers worldwide

- MOBILE IMPACT CRUSHERS
- MOBILE CONE CRUSHERS
- MOBILE JAW CRUSHERS
- MOBILE SCREENING PLANTS
- MOBIREX
- MOBICONE
- MOBISCAT
- MOBISCREEN

EVO
MOBICAT EVO
The compact class of primary crushers

MC 100 R EVO / 110 R EVO / 110 Z EVO

Bundles of energy.

KLEEMANN crushing and screening plants are characterised by their enormous capacity combined with maximum efficiency in terms of fuel consumption and wear. The machine design stands out with simple operation and the best possible accessibility for maintenance tasks.

The plants from the MOBICAT EVO-LINE can be used extremely flexibly as compact primary crushers – whether in a quarry or on a building site.
Compact design and low weight - with top performance levels.
The machines in the MOBICAT EVO-LINE are designed for a very wide variety of application conditions and feed material.

**Maximum flexibility - during transport and operation. Exceptionally compact dimensions and high efficiency.**

They stand out with their simple transport, short set-up times for commissioning maintenance, and with their high machine availability. The MOBICAT EVO machines are therefore ideal for short-term applications. The powerful drive concept easily masters changing application conditions - from natural stone to recycling.
01 MC 100 R EVO in building demolition
02 MC 110 Z EVO in natural stone
03 MC 110 Z EVO on its way to the next application
04 Linking of MC 110 Z EVO / MCO 9 EVO / MS 953 EVO
05 MC 110 Z EVO in natural stone
06 MC 100 R EVO in recycling
HIGHLIGHTS

Perfectly equipped
Feeding unit with integrated hopper walls
Foldable side discharge conveyors for transport
Efficient prescreening with independent double-deck prescreen („Z“ version)
Innovative CFS feed control (Continuous Feed System)
Crusher unit with extra long, articulated crusher jaw
Innovative crusher unblocking system with reversible crusher drive
Efficient and powerful diesel direct-drive
Simple control with menu-guided touch panel
High-performance and robust: magnet and crusher discharge conveyor
WELL THOUGHT-OUT FEEDING UNIT

For short set-up times.

MC 110 Z EVO

- up to 330 t/h
- approx. 3,8 m³
- approx. 8,2 m³

Feed capacity | Hopper volume | Hopper volume with hopper extension
To ensure fast setup and simple transport, the machines in the MOBICAT EVO-LINE are equipped with integrated hopper walls. An optional hopper extension is available for loading by means of a wheel loader. It can be folded and locked hydraulically and can also be secured mechanically. Comfortable and safe operation takes place completely from the ground.

### Integrated hopper walls - for fast set-up.

- Take note of the size and edge length of the material
- Select the feed size to match the final grain size and max. permissible crushing ratio
- Sort out any uncrushable material, e.g. steel beams, cables, wood, foils, etc.
- Ensure uniform loading of the plant – an over-filled feed hopper and a continuously empty feed hopper can lead to increased wear

### Optimised output capacity - thanks to well prepared feed material

The composition of the feed material and the feed size have a significant influence on the output capacity. To guarantee trouble-free and low-wear operation, the feed material should therefore be prepared as well as possible.

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**In many cases, feed capacity, crushing capacity and plant performance are treated synonymously or are mixed up. What’s what?**

- **Crushing capacity** = quantity produced by the crusher (red)
- **Feed capacity** = Crushing capacity (red) + primary screening capacity (orange) + bypass capacity (green)
- **Plant performance** = Crushing capacity (red) + bypass capacity (green)
EFFECTIVE PRESCREENING

Better results and less wear.

The jaw crushers in the MOBICAT EVO-LINE use two different methods of prescreening.

The MOBICAT MC 110 Z EVO has an independently vibrating double-deck prescreen. The feed material is screened out effectively so that the fines content and the material that already corresponds to the desired final grain size is directed past the crushing chamber. A higher throughput is therefore achieved and, at the same time, plant wear is reduced.

The prescreen works independently of the vibrating feeder and is particularly productive. On the other hand, the MC 100 R EVO and MC 110 R EVO have a long vibrating feeder trough with integrated slotted grate or punched plate – without a freely vibrating prescreen. Fine material is therefore separated roughly from the feed material. The design of the machines is even more compact.

- Higher quality of the final product through discharge of fine particles via the side discharge conveyor
- Bypass flap for simple redirecting of the material stream (sub-floor no longer required!)
- Reduction in wear and increase in output by redirecting medium grain through the large crusher bypass device

High product quality through prescreening
Fines discharge via side discharge conveyor
Large selection of prescreen coverings
The side discharge conveyor is available in two versions, can be installed on both sides and can remain on the machine for transport. Discharge heights of up to 2,200 mm or 3,000 mm are possible. The belts are provided with a spray system to reduce the dust load.

Optimum prescreening set-up
In order to ideally tune the prescreening to the material or application, the frequency of the prescreen can be adjusted steplessly. The correct selection of the screen surface is also important. Various punched plates or slotted grates are therefore available for the upper deck. The lower deck can be operated with wire cloth of different mesh sizes.

The result: high product quality, maximum plant performance and less wear.
CONTINUOUS FEED SYSTEM (CFS)

Higher efficiency thanks to uniform loading.

The CFS controls the vibrating chute speed so that the material on the prescreen does not pile up too high. Fines can therefore be well screened out before it runs through the crushers.

Result: The crusher now only has to deal with the material that really needs to be crushed!
Uniform loading is indispensable for a good product, optimum throughput and low wear.

To ensure that the crushing chamber is always filled evenly, the Continuous Feed System (CFS) monitors the crusher filling level and the height of the stockpile by means of an ultrasonic probe. Independently of this, the CFS regulates the frequency of the vibrating feeder and prescreen. A backlog from the prescreen is therefore avoided and crusher utilisation is optimised.

The CFS facilitates the operator’s work because the machine automatically deals with a homogeneous material flow, therefore ensuring optimum loading of the crusher.
MOBICAT EVO-LINE > CRUSHER UNIT

POWERFUL CRUSHER UNIT

The heart of the machine.

Optimised crusher geometry with long crusher jaw

Extensive selection of crusher jaws: Regular Teeth, Flat Teeth, Sharp Teeth

Gentle material transfer thanks to deflector plate
<table>
<thead>
<tr>
<th>Crusher inlet</th>
<th>Crusher gap setting</th>
<th>Crusher drive</th>
<th>Optional feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>950 x 550 mm</td>
<td>Full hydraulic</td>
<td>Direct</td>
<td>Crushing unblocking system</td>
</tr>
<tr>
<td>1,100 x 700 mm</td>
<td>Crusher gap setting</td>
<td>Crusher drive (via fluid coupling)</td>
<td></td>
</tr>
</tbody>
</table>

- Convenient gap setting via push button on touch panel
- Mechanical overload protection thanks to pressure plate
01 Crusher geometry

The geometry of the crusher has an optimum design. Flattened transfer from the prescreen or vibrating feeder to the crushing chamber means the material can tilt into the crushing chamber without any restrictions. When the articulated crusher jaw is pulled up, the material cannot pile up and fewer blockages are created.

The deflector plate at the crusher outlet guarantees gentle material transfer onto the crusher discharge conveyor. The large material tunnel prevents blockades and is easily accessible from the side.

Result: high throughput combined with high reliability.

02 Crusher gap setting

The gap setting is made conveniently and safely at the touch display. Adjustment is made entirely hydraulically by means of a wedge system.

Rule of thumb: the closed side setting is calculated from final grain size = 1.6 x CSS. With a desired final grain size of 0 - 120, the optimum CSS would therefore be 75 mm.

03 Load Reduction System LRS

If crushers are operated beyond their permissible load range, this can result in serious damage. The Load Reduction System (LRS), which works closely together with the CFS, was conceived to prevent this.

The „load monitor“ in the software detects the overload and intervenes to control it: the loaded volume is reduced, the filling level of the crushing chamber is adjusted and the forces acting on the housing and rocker are therefore reduced. If, on the other hand, an underload is detected, the crusher filling level is increased again in steps to guarantee an optimum plant performance.

Result: the plant can also be operated safely with short-term crusher overloading.

04 Crusher unblocking system

If material bridging or a standstill with full crusher should occur, the optional crusher unblocking system provides support. Start-up in normal and opposite direction is also possible with a full crushing chamber. Blockages can therefore be quickly broken up and do not have to be cleared manually.

Result: short downtimes in case of blockages in the crushing chamber.
Optimised results through correct loadings:

> The optimum fill height of the jaw crusher up to the bevelling of the crusher jaws should not be exceeded

> Continuous overfilling leads to premature wear, reduced service life of bearings and damage to the prescreen

> Continuous underfilling leads to uneven wear, a poor grain shape and reduced plant performance

> The maximum feed size of 90% of the feed opening should be observed

> The CSS should always be correctly set
MOBICAT EVO-LINE > DRIVE

INNOVATIVE DRIVE CONCEPT

Impressive performance – with the best possible consumption values.

Diesel direct-electric drive

up to 248 kW output with the MC 110 R/Z EVO

up to 30% less consumption compared to hydraulic drives
The machines from the MC EVO-LINE have an innovative „diesel direct-electric” drive concept and are both powerful and economical.

Equipped with an efficient, powerful diesel engine with fluid coupling, the jaw crushers from the EVO-LINE impress with their extremely low efficiency losses: the crusher direct-drive provides maximum power directly at the crusher.

All secondary drives – for example, for prescreen, vibrating chutes and conveyor belts – are driven electrically. The fluid coupling guarantees high operational safety - for operator and machine.

Innovative concept:
Economical, safe and resource-conserving.

Diesel electric-drives have advantages over hydraulic drives, and not only with regard to lower fuel consumption.

The machines also require significantly less hydraulic oil, which has a positive effect on the costs of oil changes and which conserves resources. In the case of leaks, the risk of contamination and environmental pollution is also lower.
The machines from the MOBICAT EVO-LINE can be operated with a simplified and intuitive control system via a touch panel and illuminated push buttons.

Menu-guided operation with a continuous text fault display enables simple, intuitive operation. All components and functions can be controlled conveniently, the components’ status displays help during operation.

The touch panel is integrated in a lockable control cabinet that is protected against dust and vibrations. To avoid always having to open the complete control system flap, rapid access to the operator panel is provided via a separate smaller flap (door-in-door). Radio remote control enables ergonomic operation from the excavator.
Apart from moving the machine, the remote control can also be used conveniently for operating the vibrating feeder or the prescreen (frequency) and the crusher unblocking system.
OPTIMISED CONVEYOR UNIT

With a robust crusher discharge conveyor and magnetic separator.

1,000 mm wide crusher discharge conveyor
Magnetic separator in two versions
Spray system for dust reduction
Determining the crushing capacity

The crushing capacity of a machine can be determined in different ways: apart from the classic method with the help of lorry weigh-bridge, a belt scale integrated in the crushing plant is also available as an option and is installed under the crusher discharge conveyor. This allows quick and simple reading of the crushing capacity via the machine control system.

The crushed material is discharged via the wide and robust crusher discharge conveyor, which is available in different lengths. The extended version has a discharge height of 3,660 mm (MC 100 R EVO) or 3,880 mm (MC 110 R/Z EVO). The belt can be folded hydraulically for transport.

To prevent contamination of the final product with ferrous elements, an effective magnetic separator is used.

Either an electromagnet or a permanent magnet can be installed, which can both be raised and lowered by remote control. Material congestion can therefore be very simply broken up and the magnet can always be set to its optimum value. To minimise dust creation, the belt is also equipped with a spray system at the belt discharge.
SIMPLE TRANSPORT

On site quickly. Immediately ready for work.

High flexibility for changing work locations

Short set-up times thanks to uncomplicated set-up
In spite of their impressive output values, jaw crushers from the MOBICAT EVO-LINE belong to the compact class of primary crushers: low weight and compact dimensions make frequently changing work locations possible.

The MOBICAT EVO jaw crushers are extremely versatile and, thanks to their compact dimensions, can be deployed almost everywhere directly on site. Even narrow or difficult-to-access building sites in town centres are usually not a problem. And even if the work location changes frequently, the machine is quickly transportable and also quickly loaded thanks to its relatively light weight.

Upon arrival at the new construction site, the EVO jaw crushers demonstrate their advantages with their short set-up times: as the feeding unit is integrated in the chassis, folding the hopper walls in and out is not required at all.

The side discharge conveyor also remains on the machine during transport and is moved into position in next to no time – just like the extended crusher discharge conveyor that is simply folded in for transport. The machine is therefore ready to get started after only a few work steps.
MOBICAT EVO-LINE > MACHINE COMPASS

MOBILE JAW CRUSHERS

MOBICAT
MC 100 R EVO
MC 110 Z EVO
MC 110 R EVO

MOBICAT MC 100 R EVO

- Very compact dimensions
- Low weight (approx. 30,000 kg*)

CRUSHER INLET (W x D)
- 950 x 550 mm

FEED CAPACITY
- 220 t/h

WITH FREQUENCY-CONTROLLED VIBRATING FEEDER WITH INTEGRATED PRESCREENING

RECOMMENDED USE:
- Processing of residual construction materials (e.g. rubble, concrete, reinforced concrete)
- Processing of natural stone (e.g. limestone, river gravel, granite, basalt)
- Application in narrow construction site conditions
- For smaller batch sizes

Processing of residual construction materials (e.g. rubble, concrete, reinforced concrete)
Processing of natural stone (e.g. limestone, river gravel, granite, basalt)
**MOBICAT MC 110 Z EVO**

- Compact dimensions
- Low weight (approx. 39,500 kg*)

**Crusher inlet (W x D)**
- 1,100 x 700 mm

**Feed capacity**
- 330 t/h

**Recommended use:**
- Processing of residual construction materials (e.g. rubble, concrete, reinforced concrete)
- Processing of natural stone (e.g. limestone, river gravel, granite, basalt)
- For medium batch sizes

* Basic machine without options

**MOBICAT MC 110 R EVO**

- Compact dimensions
- Low weight (approx. 38,500 kg*)

**Crusher inlet (W x D)**
- 1,100 x 700 mm

**Feed capacity**
- 330 t/h

**Recommended use:**
- Processing of residual construction materials (e.g. rubble, concrete, reinforced concrete)
- Processing of natural stone (e.g. limestone, river gravel, granite, basalt)
- For medium batch sizes

* Basic machine without options
BROUGHT INTO LINE
For perfect combination versatility.

Technical expertise.

The line coupling option allows Kleemann machines to be coupled with each other. The crushing process between the crushing plants is then optimised automatically so that material is always conveyed with maximum efficiency through the machines.

A probe is installed at the crusher discharge conveyor of the upstream machine, which monitors the filling level of the feeding unit of the downstream machine. When the filling level reaches a defined height, the output of the upstream plant is temporarily reduced, therefore effectively reducing the overfilling of individual machines and ensuring that machine utilisation is always ideal. The Continuous Feed System feed control (CFS) also guarantees optimum utilisation of the crusher.

For safety reasons, the crushing and screening plants are connected physically with each other by a cable. If an emergency stop button is pressed on the plant linkage in the event of an emergency, all machines are safely stopped.
Intelligent material flow control thanks to line coupling: continuous utilisation of the crusher and complete interlinked plant.

IN COMBINATION FOR TOP PERFORMANCE.
**FORMULA FOR SUCCESS**

For excellent crushing results.

An ideal crushing result is always achieved by means of plant components perfectly tuned to each other in combination with the settings made by the operator.

With these tips, it is possible to find the ideal settings for any task.

**Feed material**

- Feed size: where possible, the maximum feed size should not exceed 90% of the specified crusher opening.

- Compressive strength: mineral materials can be used with a maximum compressive strength of 300 MPa.

- Mineral type: all soft to hard natural stones, e.g. dolomite, granite, basalt, diabase, quartzite or gneiss as well as residual construction materials such as rubble, bricks and reinforced concrete.

* Depending on the material and machine type, higher values are also possible.

**Crushing ratio**

The maximum crushing ratio (ratio of feed grain size/grain output) largely depends on the physical properties of the feed material. The following standard values result:

- 7:1 at < 100 MPa (recycling)
- 5:1 at < 150 MPa (limestone)
- 3-4:1 at < 300 MPa (hard stone)

Exceeding the crushing ratio leads to an undesirable decrease of the crushing capacity and to an increase in wear.

**AREAS OF APPLICATION OF JAW CRUSHING PLANTS**

<table>
<thead>
<tr>
<th>NATURAL STONE</th>
<th>Limestone</th>
<th>Sandstone</th>
<th>Gneiss</th>
<th>Gneiss</th>
<th>Basalt</th>
<th>Iron ore</th>
<th>Coal</th>
<th>Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECYCLING</td>
<td>Demolished concrete</td>
<td>Reinforced demolished concrete</td>
<td>Rubble</td>
<td>Granite</td>
<td>Blast furnace slag</td>
<td>Reinforced slag</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CRUSHING CURVES MOBICAT MC 110 R/Z EVO

CSS (CLOSED SIDE SETTING)

1. 40 mm
2. 50 mm
3. 60 mm
4. 70 mm
5. 80 mm
6. 90 mm
7. 100 mm
8. 110 mm
9. 120 mm
10. 130 mm
11. 140 mm
12. 150 mm
13. 160 mm
14. 170 mm
15. 180 mm
YOUR KLEEMANN SERVICE
FROM THE WIRTGEN GROUP.

Reduced downtimes, minimal wear costs, maximum customer proximity.

Service network
Our local contact partners provide you with comprehensive support for all applications and questions related to our products. Thanks to our closely-knit, global WIRTGEN GROUP network, we guarantee short response times and quick solutions.

Training courses
An essential element of the successful use of our plants is knowledge of their operation. In order to communicate the necessary technical knowledge to your employees, KLEEMANN offers a wide range of training courses.

Parts and accessories
Original parts and accessories from KLEEMANN can assure the high reliability and availability of the machines in the long term. An overview of all parts is available at www.partsandmore.net
CRUSHING TECHNOLOGY
Optimised results thanks to professional tools.

The crushing principle
KLEEMANN offers a very wide range of parts and accessories. The selection of the correct crusher jaws, in particular, has a strong influence on the result: for abrasive rock, for example, different crusher jaws have to be used than for coarse rock.

The crushing material is crushed by the jaw crushers in the wedge-shaped pit between the fixed crusher jaw and the crusher jaw articulated on an eccentric shaft. The material is crushed by the elliptic course of movement and transported downwards by gravity. This occurs until the material is smaller than the set crushing gap.

Low-wear material
The crusher jaws installed in jaw crushers from KLEEMANN are made from a special manganese casting characterised by excellent durability of the basic body. Through the compressive load during operation, the manganese casting forms a highly wear-resistant surface for long service lives.

In ideal operation, the main wear occurs in the lower half of the crusher jaw. If the teeth are completely worn (smooth crusher jaw), the crusher jaw should be turned over or replaced. The crushing capacity (t/h) is reduced considerably when the crusher jaws are smooth because the material is mainly crushed and no longer broken. The machine requires more power to break, which results in unnecessarily increased operating costs, higher wear and poorer crushing results.

Timely replacement of worn crusher jaws improves the crushing results and also considerably reduces operating costs.
### Tooth Shapes and Properties

<table>
<thead>
<tr>
<th>Tooth shape</th>
<th>Illustration</th>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT* (regular teeth)</td>
<td><img src="image" alt="Illustration" /></td>
<td>Well-balanced in terms of service life, energy requirements and crushing pressure, suitable for natural stone and recycling.</td>
</tr>
<tr>
<td>FT* (flat teeth)</td>
<td><img src="image" alt="Illustration" /></td>
<td>Due to the large wear dimensions, flat teeth are particularly efficient in hard stone and abrasive material. A higher pressure load is created and therefore a higher energy requirement.</td>
</tr>
<tr>
<td>ST* (sharp teeth)</td>
<td><img src="image" alt="Illustration" /></td>
<td>Sharp teeth reduce the laminated share in the crushed material. Recommended with small gap widths (&lt; 60 mm), suitable for gravel.</td>
</tr>
</tbody>
</table>

* Two quality levels available: > XPERT with 18 % manganese > XTRA with 20 % manganese
** also with chrome inlays, with abrasive natural stone for longer service life

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Further information: [www.partsandmore.net](http://www.partsandmore.net)
CRUSHER JAWS

The solution in natural stone.

Depending on the application field and material properties, various crusher jaws are available to achieve optimum results.

### LIGHT TO MEDIUM ABRASIVE NATURAL STONE

<table>
<thead>
<tr>
<th>CRUSHER JAW RT-EXPERT</th>
<th>CRUSHER JAW RT-XTRA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Ideally balanced properties in relation to service life, energy requirements and crushing pressure</td>
</tr>
<tr>
<td></td>
<td>- Ideal tooth spacing for best possible removal of the fines</td>
</tr>
<tr>
<td></td>
<td>- Reduces flaky shares in the crushed material</td>
</tr>
<tr>
<td></td>
<td>- XTRA with higher manganese content for extreme applications</td>
</tr>
</tbody>
</table>

### ABRASIVE NATURAL STONE

<table>
<thead>
<tr>
<th>CRUSHER JAW FT-EXPERT</th>
<th>CRUSHER JAW FT-XTRA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Particularly efficient in abrasive material thanks to improved wear characteristics</td>
</tr>
<tr>
<td></td>
<td>- Smaller clearance for fines (screening required)</td>
</tr>
<tr>
<td></td>
<td>- Higher share of flaky crushed material</td>
</tr>
</tbody>
</table>
The solution in recycling.

**ROUNDED MATERIAL (LESS ABRASIVE)**

**CRUSHER JAW ST-EXPERT**
- Good grip on material thanks to sharp tooth profile
- Reduction of flaky share in crushed material due to sharp tooth profile
- Recommended with small gap widths (< 60 mm)

**ROUNDED MATERIAL (ABRASIVE)**

**CRUSHER JAW RT-EXPERT**

**CRUSHER JAW RT-XTRA**
- Ideally balanced properties in relation to service life, energy requirements and crushing pressure
- Ideal tooth spacing for best possible removal of the fines
- Reduces flaky shares in the crushed material
- XTRA with higher manganese content for extreme applications

**RUBBLE AND RECYCLING**

**CRUSHER JAW RT-EXPERT**

**CRUSHER JAW RT-XTRA**
- Ideally balanced properties in relation to service life, energy requirements and crushing pressure
- Ideal tooth spacing for best possible removal of the fines
- Reduces flaky shares in the crushed material
- XTRA with higher manganese content for extreme applications
### EVO-LINE

<table>
<thead>
<tr>
<th>Model</th>
<th>Feed size up to max. (depending on material)</th>
<th>Crusher inlet width x depth</th>
<th>Feed capacity up to approx</th>
<th>Transport weight of basic machine - max. configuration (kg)</th>
<th>Drive concept</th>
<th>Features</th>
<th>Application spectrum</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC 100 R EVO</td>
<td>855 x 530 mm</td>
<td>950 x 550 mm</td>
<td>220 t/h</td>
<td>30,000 - 35,500 kg</td>
<td>Diesel direct-electric</td>
<td></td>
<td>Recycling, natural stone</td>
</tr>
<tr>
<td>MC 110 R EVO</td>
<td>990 x 620 mm</td>
<td>1,100 x 700 mm</td>
<td>330 t/h</td>
<td>38,500 - 44,500 kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MC 110 Z EVO</td>
<td>990 x 620 mm</td>
<td>1,100 x 700 mm</td>
<td>330 t/h</td>
<td>39,500 - 45,500 kg</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Features**

- Foldable side discharge conveyor (optional)
- Crusher unit with long articulated crusher jaw
- Easy-to-operate control system, menu-guided touch panel
- Continuous Feed system CFS feed control (optional)
- Fully automatic crusher gap setting
- Innovative crusher unblocking system (optional)
- Magnetic separator (optional)
- Vibrating feeder with prescreen
# QUARRY LINE

<table>
<thead>
<tr>
<th></th>
<th>MC 120 Z PRO</th>
<th>MC 125 Z</th>
<th>MC 140 Z</th>
<th>MC 160 PRR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crusher inlet width x depth</td>
<td>1,080 x 680 mm</td>
<td>1,125 x 700 mm</td>
<td>1,260 x 790 mm</td>
<td>1,440 x 900 mm</td>
</tr>
<tr>
<td>Crusher inlet width x depth</td>
<td>1,200 x 800 mm</td>
<td>1,250 x 1,000 mm</td>
<td>1,400 x 1,130 mm</td>
<td>1,600 x 1,250 mm</td>
</tr>
<tr>
<td>Feed capacity up to approx.</td>
<td>650 t/h</td>
<td>650 t/h</td>
<td>750 t/h</td>
<td>1,200 t/h</td>
</tr>
<tr>
<td>Transport weight of basic machine – max. configuration (kg)</td>
<td>30,000 - 35,500 kg</td>
<td>38,500 - 44,500 kg</td>
<td>39,500 - 45,500 kg</td>
<td>72,500 - 85,500 kg</td>
</tr>
<tr>
<td>Drive concept</td>
<td>Diesel direct-electric</td>
<td>Diesel-electric, connection to external power supply (optional)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Features</td>
<td>Foldable side discharge conveyor (optional)</td>
<td>Mountable side discharge conveyors (optional)</td>
<td>Extra-robust crusher unit</td>
<td>Lightweight, foldable side discharge conveyor (optional)</td>
</tr>
<tr>
<td></td>
<td>Easy-to-operate SPECTIVE control system</td>
<td>Electrical control with plain text displays</td>
<td>Crushing filling level monitoring</td>
<td>Easy-to-operate SPECTIVE control system</td>
</tr>
<tr>
<td></td>
<td>Vibrating extractor</td>
<td></td>
<td>Hydraulically supported gap adjustment</td>
<td>Electrical control with plain text displays</td>
</tr>
<tr>
<td></td>
<td>Vibrating extractor (optional)</td>
<td></td>
<td></td>
<td>Electrical control with plain text displays</td>
</tr>
<tr>
<td>Application spectrum</td>
<td>Recycling, natural stone</td>
<td>Natural stone, mining</td>
<td>Natural stone, mining</td>
<td>Natural stone, mining</td>
</tr>
</tbody>
</table>

*Minimum weight without options, exact weight specifications upon request*
MOBICAT EVO

High performance with energy to spare.