A JOHN DEERE COMPANY

WIRTGEN GROUP

KLEEMANN

# ORIGINAL WEAR PARTS

CLOSE TO OUR CUSTOMERS

KLEEMANN

# TOP CLASS PRODUCTION

**Know-how, innovation, quality.**

For the past 100 years, KLEEMANN GmbH has been manufacturing innovative machines and plants for professional users in 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.

KLEEMANN offers a wide and varied range of parts and accessories. Choosing the right crushing tools, especially, significantly improves the result. The areas of application for mobile crushing and screening plants are very diverse. The wear parts are usually exposed to harsh conditions and high wear. Your goal is to increase durability and reduce operating costs. Use original KLEEMANN Parts to succeed in achieving these goals - we will be happy to advise you.


**For further information, visit: parts.wirtgen-group.com**

# MAIN WEAR PARTS FOR THE MOBIREX MR 110(i) / 130(i) EVO2

## 01 Conveyor belts
> Conveyor belts
> Conveyor belt rollers
> Scraper
> Drive-/return drum
> Rubber seal

## 02 Post screen
> Screen media
> Rubber profiles
> Wear plates screen box
> Tension clamp
> Clamping screws
> Guide rail

## 03 Power unit
> V-belts
> Filter (oil, hydraulic, air, diesel)

## 04 Drive unit
> Drive unit parts
> Trackpads
> Drive unit rollers

## 05 Impact crusher
> Blow bars
> Impact plates
> Wear plates
> Impact bar
> Impact toggle
> Rubber and chain curtain
> Inlet chute
> Pressure plate
> Rotor

## 06 Pre-screen
> Slotted grate
> Perforated plate
> Screen media
> Blind cover
> Wear plates side walls prescreen
> Compression spring

## 07 Feed unit
> Wear plates hopper
> Wear plates feeder
> Compression spring
> Return chute/oversize chute


KLEEMANN
Original Parts

# CRUSHING TECHNOLOGY

**The right wear parts for the best results.**

**01** Rubber curtain

**02** Chain curtain

**03** Impact toggle

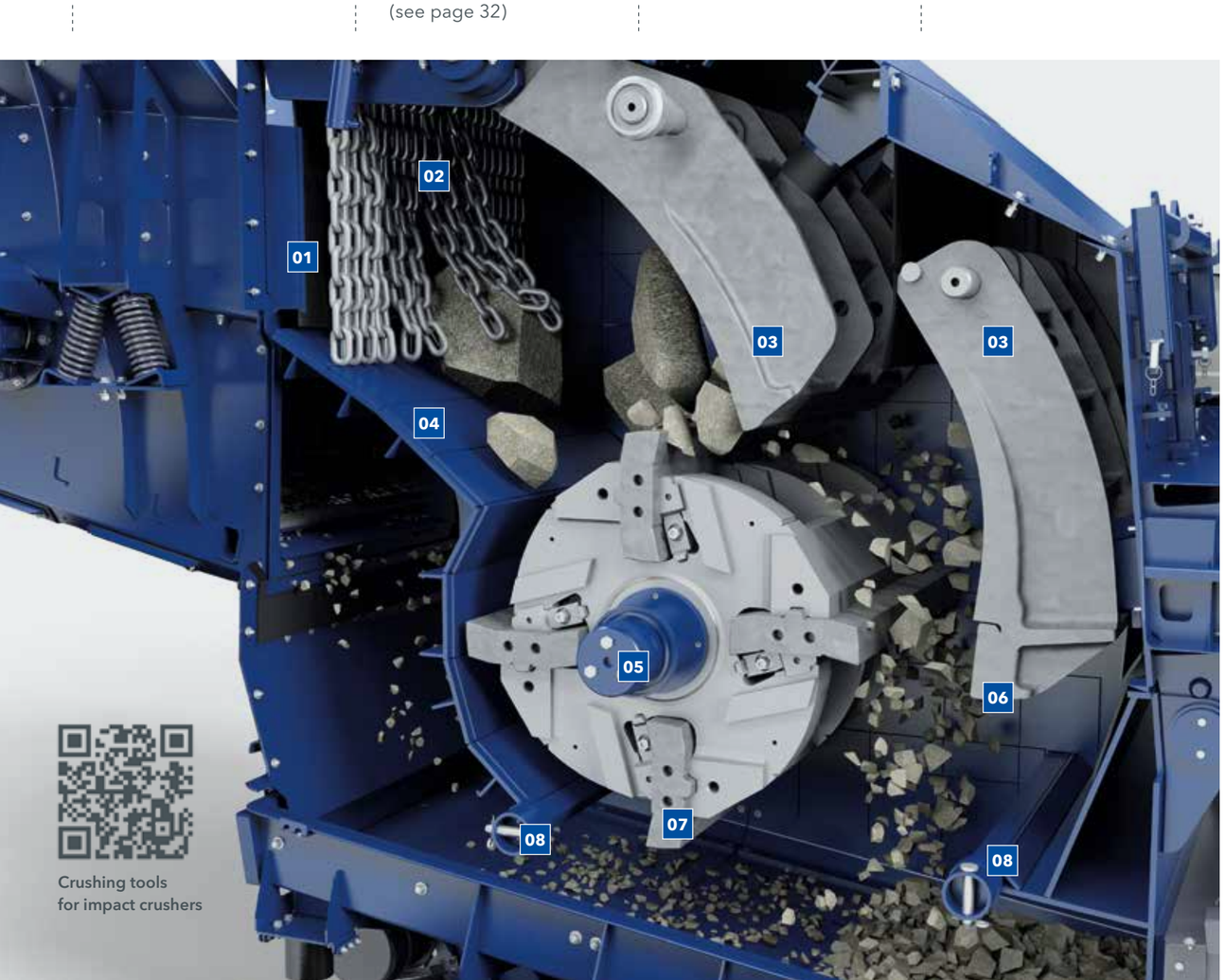
**04** Wear plates (see page 32)

**05** Rotor

**06** Impact plates

**07** Blow bars

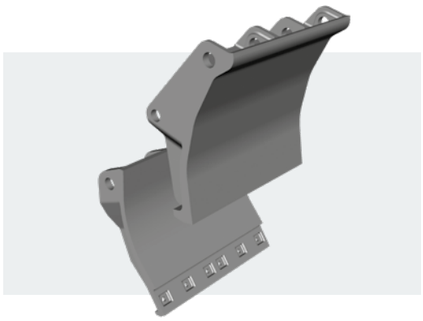
**08** Impact bar




Crushing tools for impact crushers

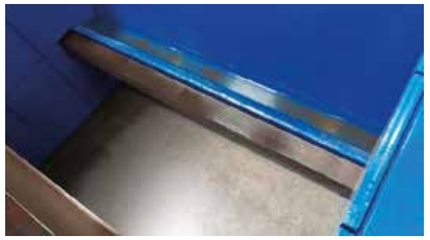
### Impact toggles

KLEEMANN only uses manganese high carbon steel for the impact toggles with excellent strain hardening for high wear resistance. The impact toggles ensure long service lives thanks to the thick-walled wear layer and perfect crushing results – thanks to their geometry.



### Impact bars

Original KLEEMANN impact bars are made of extremely wear-resistant material. The precise design of the plug connector guarantees quick changes during assembly.



### Impact plates

The thick-walled impact plates made of KLEEMANN Resistant Steel protect the lower impact toggle against premature wear. Different qualities are available:

## OVERVIEW OF IMPACT PLATES

| Impact plate | Design | Properties | Application |
|---|---|---|---|
| **Impactplate.Mn** | Manganese | > high impact resistance<br>> low risk of fracture | Recommended for<br>> large feed size<br>> high share of uncrushable material<br><br>**Inefficient with medium to high abrasiveness** |
| **Impactplate.M** | Martensite | > high impact resistance<br>> low risk of fracture<br>> 1.5 times longer service life than Impact.Mn<br>> good price-performance ratio | Recommended for<br>> recycling rubble and concrete<br>> natural stone with larger feed size<br><br>**Inefficient with high abrasiveness** |
| **Impactplate.MC** | Martensite-ceramic | > high wear resistance through ceramic inlays | Recommended for<br>> recycling of rubble and concrete with a small to medium share of iron and asphalt<br>> natural stone with an abrasiveness of up to 600 g/t<br><br>**Inefficient with large feed sizes** |
| **Impactplate.C** | Chromium | > 3 to 4 times longer service life compared to Impactplate.Mn<br>> high level of wear resistance | Recommended for<br>> secondary crushing stage with very abrasive natural stone or river gravel<br>> crushing of asphalt with small feed size (< 400 mm with crushability < 30%)<br><br>**Inefficient in rubble recycling with a medium to high share of iron** |

# TARGETED TO SUCCESS

For perfect crushing results.

**An optimum crushing result is always achieved by means of the ideally matched components of the overall plant and the settings made by the operator.**

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

### Feed material

> Feed size: Wherever possible, the maximum feed size should not exceed 80% of the specified crusher opening
> Compressive strength: Mineral materials can be used with a maximum compressive strength of 100 MPa in the first crushing stage, 150 MPa in the second crushing stage
> Mineral type: Impact crushers from the SHB series process soft to medium-hard natural stone, such as limestone, dolomite or sandstone, and are used for recycling mineral raw materials such as mixed rubble, bricks, asphalt and concrete.

### Rotor speed and crushing gap

> When the rotor speed is increased, the crushing curve shifts upwards, which results in an increase in the fines content in the end product.

An increase in speed usually results in a higher throughput. Only if the intake performance deteriorates due to the increased number of strokes will there be a reduction in throughput.

### Crushing ratio

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

**CRUSHING RATIO STANDARD VALUES**

| Feed material | Compressive strength [MPa] | Circuit | Reduction ratio |
|---|---|---|---|
| Limestone, soft to medium-hard natural stone | <150 | open | up to 10:1 |
| | | closed | |
| Recycling (rubble, asphalt, concrete) | <100 | open | up to 15:1 |
| | | closed | |
| Reinforced concrete (depending on concrete quality and iron content) | < 100 | open | up to 15:1 |
| | | closed | |

### Areas of application for impact crushing plants

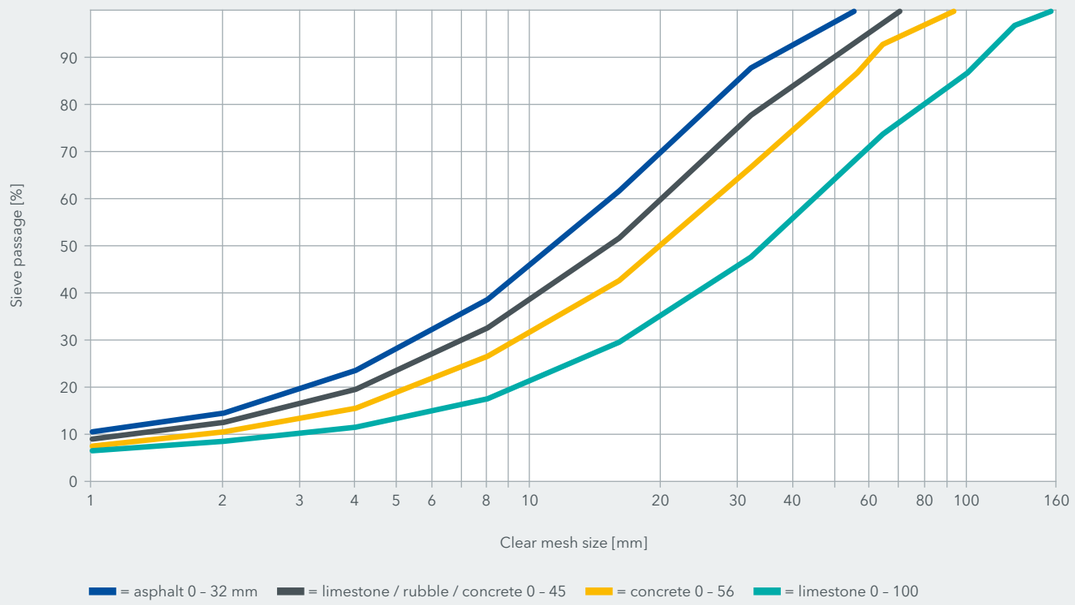
**NATURAL STONE**

| | | | | |
|---|---|---|---|---|
| Coal / clay / marble / limestone | Sandstone, gritstone / greywacke | Gravel / granite | Basalt | Iron ore / gneiss / quartzite / diabase, gabbro |
| Asphalt / reinforced demolished concrete | Demolished concrete / mixed rubble | | Blast furnace slag | Steel slag |

**RECYCLING**


**KLEEMANN > PROCESS KNOWLEDGE**

**MOBIREX – MR 110(i) EVO2 / MR 130(i) EVO2 crushing curve in open circuit (< 15% oversize grain)**



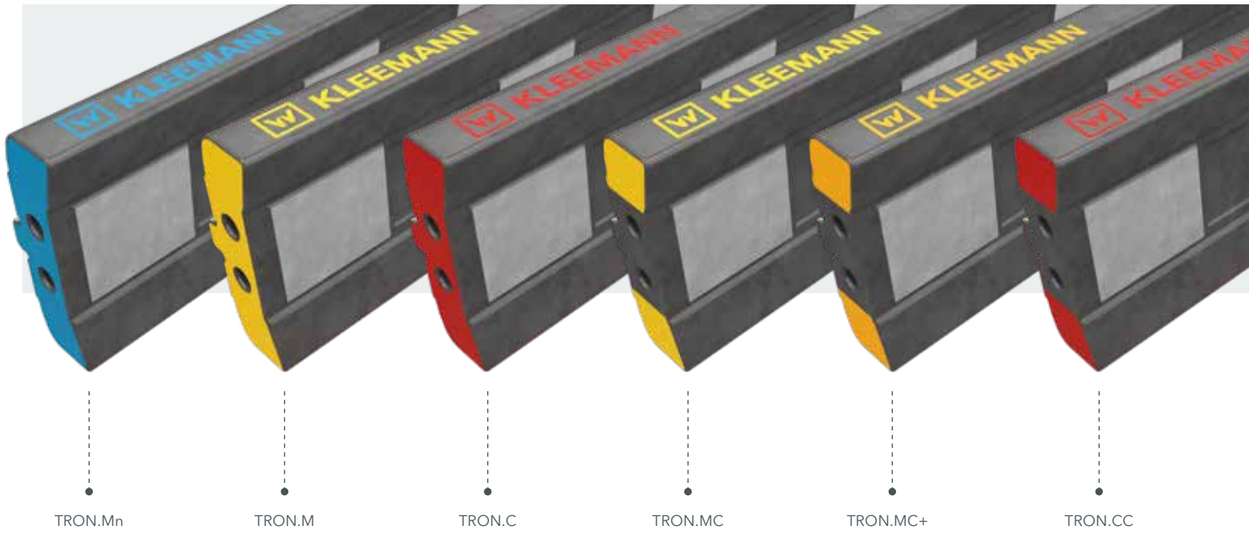
# BLOW BARS

**For less wear and optimum results.**

The cost-effective use of rotor ledges is influenced by factors such as feed material, rotor speed, moisture content of the material, feed size and reduction ratio. Depending on the area of application and material properties, different rotor ledges are available to achieve the best possible results.

**Important questions for selecting application-specific blow bars**

> What type of material is being crushed?
> How can the feed size be classified?
> What is the range of abrasiveness?
> Does the material contain uncrushable elements?




**Different shapes are available:**

There are three different shapes of blow bars for the KLEEMANN impact crusher series: C-Shape, X-Shape, S-Shape. These in turn are available in different materials and designs:

**Monolithic blow bars**

> Manganese TRON.Mn
> Martensite TRON.M
> Chrome TRON.C

**Composite blow bars with ceramic inlays**

> Martensite-ceramic TRON.MC, TRON.MC+
> Chrome-ceramic TRON.CC

**RECOMMENDED APPLICATIONS FOR BLOW BARS**

| Application | Low abrasiveness | | Medium abrasiveness | | High abrasiveness | |
|---|---|---|---|---|---|---|
| | Limestone processing | Small share of uncrushable elements | Reinforced concrete | Natural stone | Asphalt | Natural stone |
| Good | TRON.Mn (max. feed size: 600 mm) | TRON.C (max. feed size: 400 mm) | – | TRON.C (max. feed size: 400 mm) | | |
| Better | – | TRON.MC (max. feed size: 600 mm) | | | TRON.MC+ (max. feed size: 600 mm) | |
| Best | – | TRON.MC+ (max. feed size: 600 mm) | | | TRON.CC (max. feed size: 300 mm) | |

# MAIN WEAR PARTS FOR THE MOBICAT MC 110(i) EVO2

**01 Conveyor belts**
> Conveyor belts
> Conveyor belt rollers
> Scraper
> Drive-/return drum
> Rubber seal

**02 Power unit**
> V-belts
> Filter (oil, hydraulic, air, diesel)

**03 Drive unit**
> Drive unit parts
> Trackpads
> Drive unit rollers

**04 Jaw crusher**
> Jaws
> Side wedges
> Clamping wedge
> Cam
> Deflector plate
> Thrust Plate

**05 Pre-screen**
> Slotted grates
> Perforated plate
> Screen media
> Blind cover
> Wear plates side walls prescreen
> Compression spring

**06 Feed unit**
> Wear plates hopper
> Wear plates feeder
> Compression spring


KLEEMANN
Original Parts

# JAW CRUSHER
# CRUSHING TECHNOLOGY

**The heart of the machine.**


**01** Optimised crusher geometry with long crusher jaw

**02** Extensive selection of crusher jaws: Regular Teeth, Sharp Teeth, Flat Teeth, Multitype Teeth, Wavy Teeth

**03** Side wedges for protecting the crusher housing (see page 33)

**04** Deflector plate with replaceable wear plates

# TARGETED TO SUCCESS

**For perfect crushing results.**

**An optimum crushing result is always achieved by means of the ideally matched components of the overall plant and the settings made by the operator.**

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

### Feed material

> Feed size: Wherever 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

### Crushing ratio

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

> 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.

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

### Areas of application for jaw crushing plants

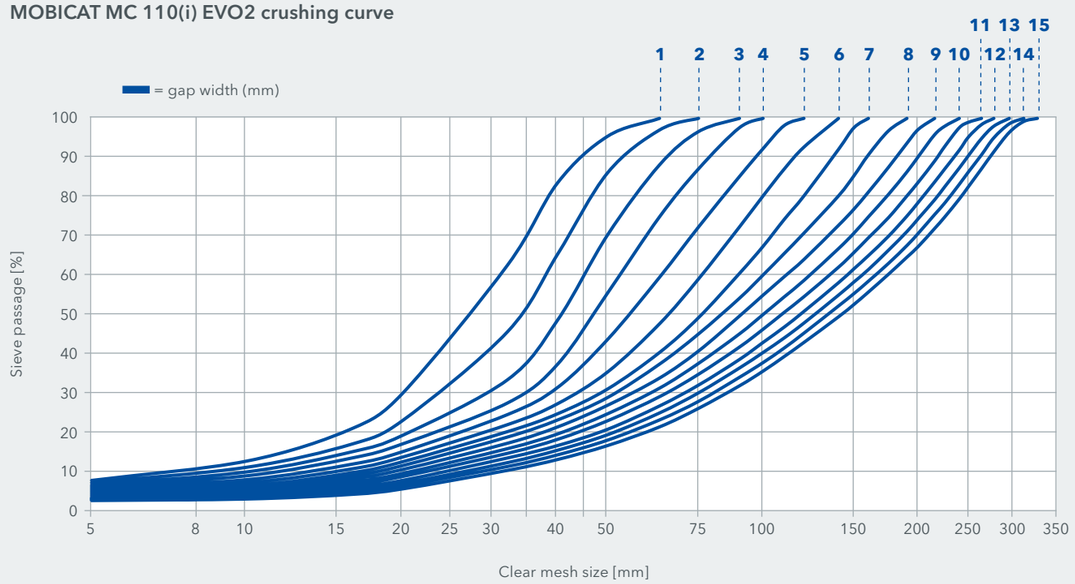
**NATURAL STONE**

| | | | | |
|---|---|---|---|---|
| Limestone / sandstone, gritstone / greywacke / gravel / granite | Gneiss / marble / quartzite / diabase / gabbro / basalt | Iron ore | Coal | Clay |
| Demolished concrete / reinforced concrete / rubble | Asphalt | Blast furnace slag | | Steel slag |

**RECYCLING**


**KLEEMANN** > PROCESS KNOWLEDGE

**MOBICAT MC 110(i) EVO2 crushing curve**




**CSS (CLOSED SIDE SETTING)**

**01** 40 mm **02** 50 mm **03** 60 mm **04** 70 mm **05** 80 mm **06** 90 mm **07** 100 mm **08** 110 mm **09** 120 mm **10** 130 mm
**11** 140 mm **12** 150 mm **13** 160 mm **14** 170 mm **15** 180 mm

# THE RIGHT CRUSHER JAW

For less wear and optimum results.

**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 example, different crusher jaws have to be used for abrasive rock than for coarse rock.**

### The crushing principle

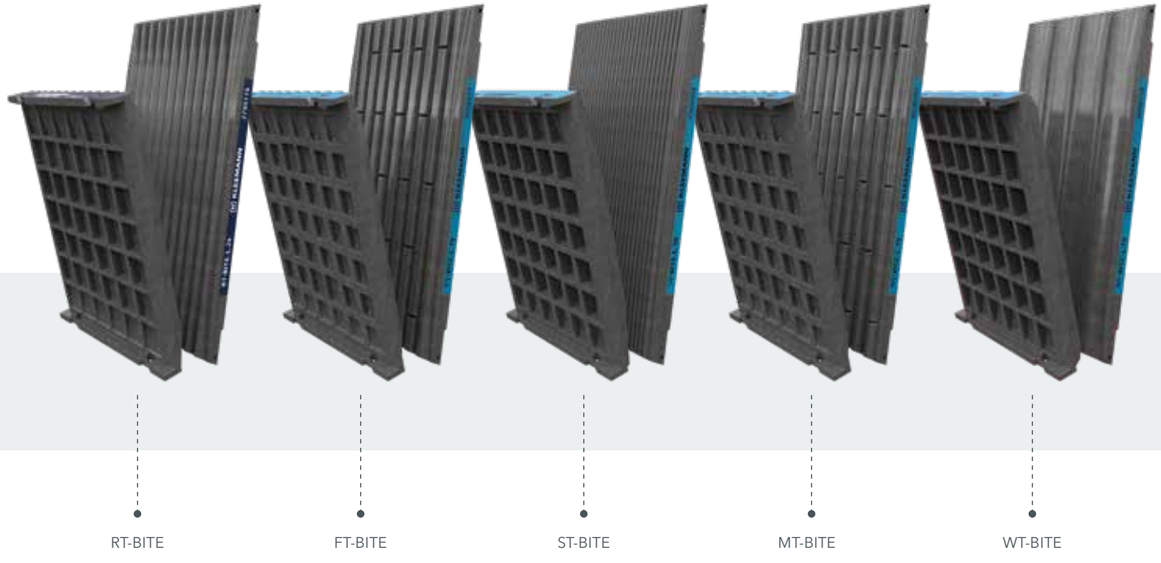
The crushing material is crushed by the jaw crushers in the wedge-shaped pit between the fixed crusher jaw and the crusher jaw articulated on an eccentric shaft. The material is crushed by the elliptic course of movement and transported downwards by gravity. This occurs until the material is smaller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




**RECOMMENDED USE OF CRUSHER JAWS**

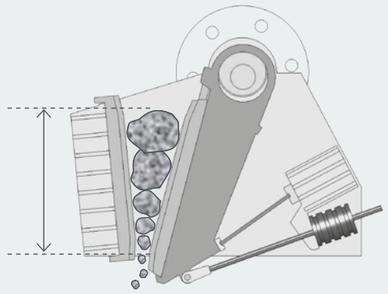
| Tooth shape | Final product grain size | Feed material | | | | | |
|---|---|---|---|---|---|---|---|
| | | Hard stone | Soft and medium-hard rock | Gravel | Rubble/ Recycling | Laminated medium-hard rock | Recycling cohesive material |
| RT-BITE (regular-teeth) | > 60 mm | ● | ●● | ●● | ●● | ●● | ● |
| FT-BITE (flat-teeth) | > 60 mm | ●● | ● | ● | ● | ● | ● |
| ST-BITE (sharp-teeth) | < 60 mm | ● | ● | ●● | ● | ●● | ● |
| MT-BITE (multitype-teeth) | > 60 mm | ●● | ● | ● | ● | ● | ● |
| WT-BITE (wavy-teeth) | | ● | ● | ● | ● | ● | ●● |

●● Highly recommended ● Recommended ● Not recommended

**KLEEMANN > PROCESS KNOWLEDGE**

**Optimised results through correct loading:**

> 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



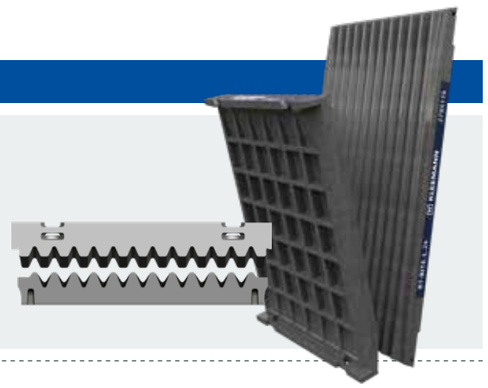
> Optimum fill height

**Crushing tools for jaw crushers**

**Original crusher jaws**

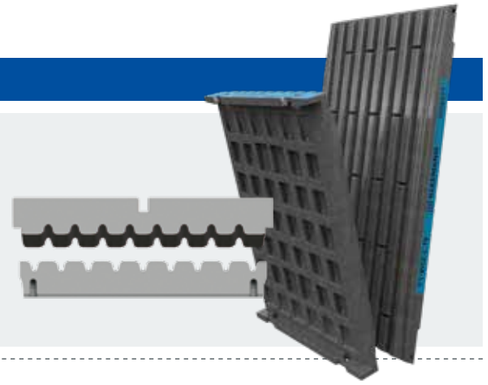
Depending on the application field and material properties, various crusher jaws are available to achieve optimum results.

## RT-BITE TOOTH SHAPE – REGULAR-TEETH



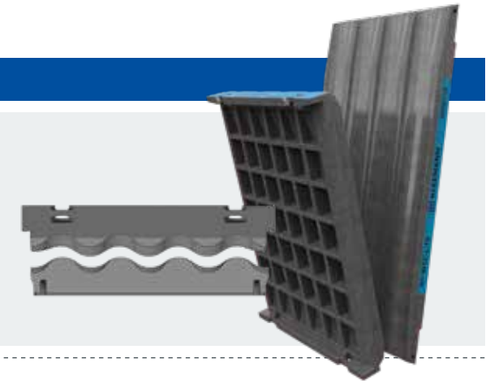
> Suitable for recycling, natural stone and gravel
> Large spaces between teeth to facilitate the discharge of fine or already crushed material
> Ideally balanced properties with regard to service life, energy requirements and crushing pressure
> Reduces flaky shares in the crushed material
> RT-BITE.20 & RT-BITE.24 for abrasive natural stone

## FT-BITE TOOTH SHAPE – FLAT TEETH



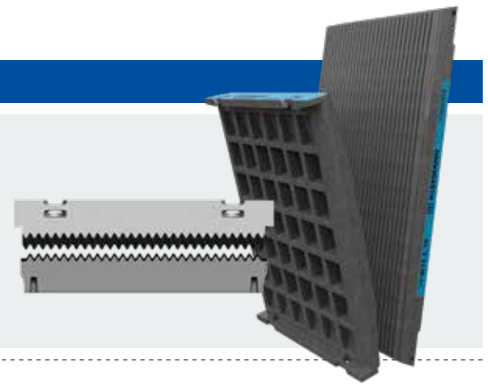
> Suitable for natural stone
> Flat teeth work efficiently in abrasive material (higher wear dimensions)
> Particularly efficient in abrasive material thanks to higher wear dimensions
> Small clearance for fines (screening required)
> Higher share of flaky crushed material

## WT-BITE TOOTH SHAPE – WAVY TEETH (RECYCLING)



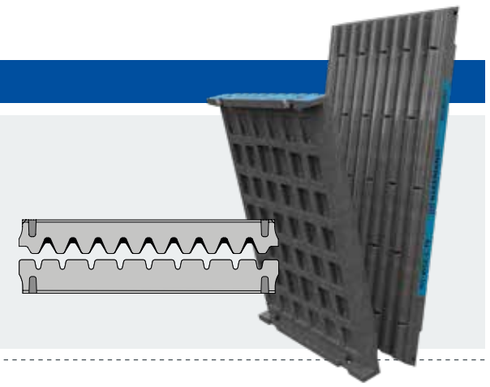
> Caking and clogging reduce the output of the jaw crusher
> Special corrugated tooth profile for recycling
> Optimised geometry of the rear walls for improved draw-in angle inside the crushing chamber
> Reduces or prevents adhesion of sticky material

## ST-BITE TOOTH SHAPE – SHARP TEETH



> Suitable for producing grit
> Good grip on material thanks to sharp tooth profile
> Recommended with small gap widths (< 60 mm)

## MT-BITE TOOTH SHAPE – MULTITYPE TEETH



> Specially designed for hard stone applications
> Tooth profile positioned between RT-BITE & FT-BITE
> Sharp toothing with larger spaces between teeth
> Reduced crushing forces due to reduced crusher load
> Lower fuel requirements
> Improved discharge of fine/crushed material

# MAIN WEAR PARTS FOR THE MOBICONE MCO 90(i) EVO2

**01 Conveyor belts**
> Conveyor belts
> Conveyor belt rollers
> Scraper
> Drive-/return drum
> Rubber seal

**02 Post screen**
> Screen media
> Rubber profiles
> Wear plates screen box
> Tension clamp
> Clamping screws
> Guide sheet

**03 Drive unit**
> Drive unit parts
> Trackpads
> Drive unit rollers

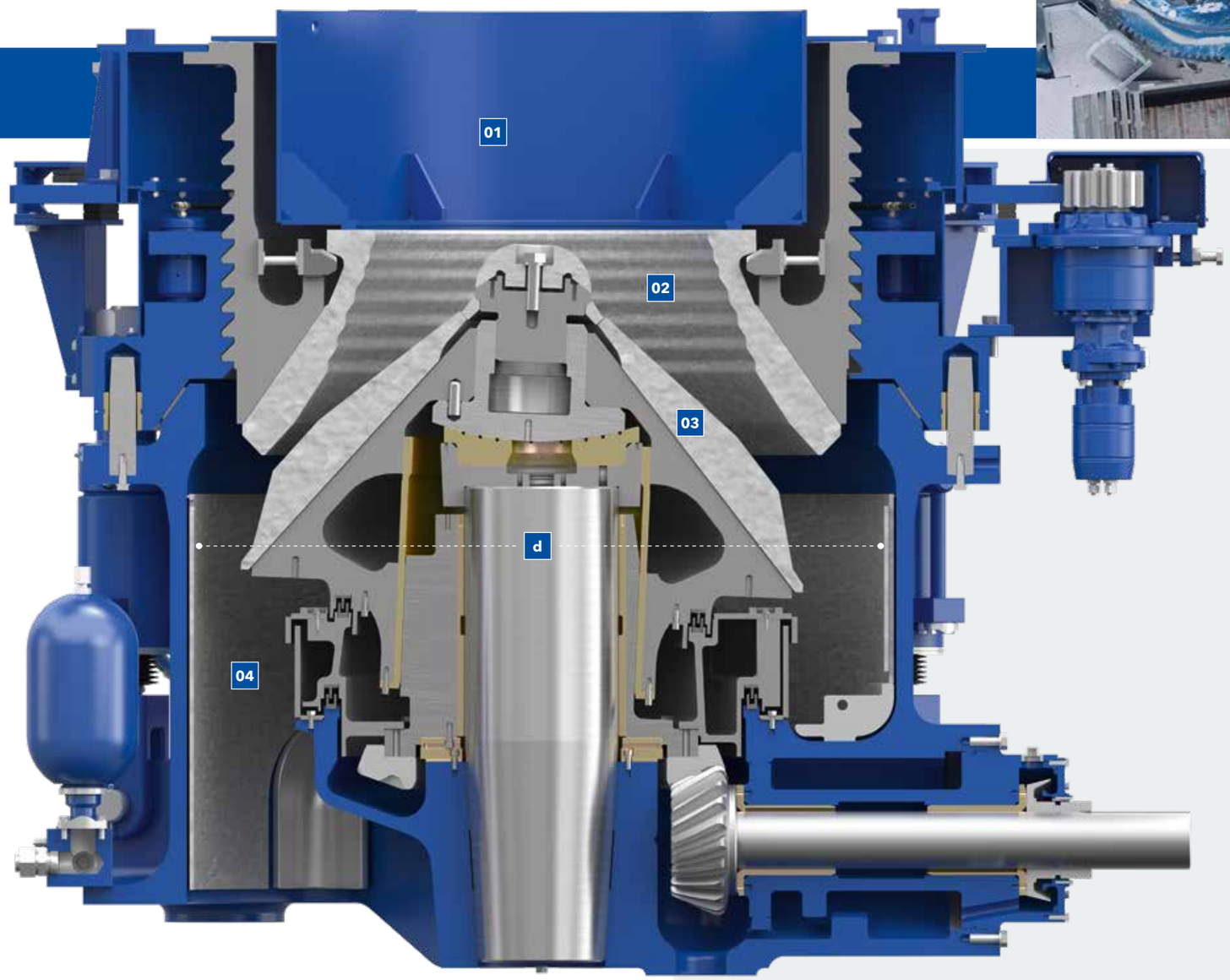
**04 Power unit**
> V-belts
> Filter (oil, hydraulic, air, diesel)

**05 Cone crusher**
> Bowl liner
> Mantle liner
> Wear parts crusher
> Service package

**06 Feed unit**
> Wear plates hopper
> Return chute/oversize chute
> Impact beam


KLEEMANN
Original Parts

# CONE CRUSHER
# CRUSHING TECHNOLOGY


**01** Cone crusher with large stroke

**02** Bowl liner

**03** Mantle

**04** Main frame wear protection
(see page 33)

# TARGETED TO SUCCESS

**For perfect crushing results.**

**Optimum crushing performance is always the result of the overall plant components being ideally matched to each other and the settings made by the operator.**

Before implementing the project, it is important to understand the application in detail and to make important preparations. The KLEEMANN experts will be happy to support you!

### Important basics

> What do I want to achieve with my application? Define the objective of the application: output and/or quality
> What exactly does my application look like? Take material samples and have them examined
> Which machines are suitable for the application? KLEEMANN will support you with the AggFlow preparation
> Which tools do I have to use? Info can be found in AggFlow
> Is my personnel trained for using a cone crusher? KLEEMANN will train your personnel during commissioning
> Have provisions been made for maintenance and spare part supply? Discuss this with your Service contact person

### Areas of application of cone crushing plants

**NATURAL STONE**

| | | | |
|---|---|---|---|
| Limestone / sandstone / greywacke / gravel / granite / gneiss / marble / quartzite / diabase / gabbro / basalt | Iron ore | Coal | Clay |

**With these tips, you'll find the right settings to take on any task.**

### Well filled crushing chamber

> Ensures throughput capacity as a higher crushing effect is generated in the crushing gap

### Centric feeding of the feed material

> Ensures a homogeneous distribution in the crushing chamber

### Uniform feeding

> Guarantees a stable process
> Uniform feeding is achieved through the correct choice of crushing tools, crushing gap and correct adjustment of the feed via the CFS

### Correct feed size

> Has a strong influence on the crushing result, wear and the output of the cone crushing plant

### Crushing ratio

> The maximum crushing ratio (ratio of feed grain size / grain output) largely depends on the physical properties of the feed material.

This results in the following standard values:

**CRUSHING RATIO**

| Specification | Crushing stage | Compressive strength | Circuit | Reduction ratio |
|---|---|---|---|---|
| standard head | secondary | <300 MPa | open/closed | 4:1 |
| short head[1] | tertiary/quaternary | <300 MPa | open/closed | 3.5-4.5:1 |
| short head[2] | tertiary/quaternary | <300 MPa | open/closed | 2-3:1 |

[1] normal grain shape requirements
[2] high grain shape requirements

**KLEEMANN > GOOD TO KNOW**

In order to successfully implement a project with mobile cone crushers, it is important to understand the application and to collect all important information. This questionnaire will help you. Find out more at www.wirtgen-group.com/fragebogen-kleemann

**For further information, scan the code**

# CONE CRUSHER CRUSHING TOOLS

**For less wear and optimum results.**


Cone crushers are mainly used when impact crushing is no longer possible due to the high compressive strength of the crushed material, or the wear costs due to the abrasiveness of the stone cannot be economically justified.

Due to their design, cone crushers are limited in terms of the feed size and the achievable reduction ratios. The plants are mainly used for recrushing in the secondary and tertiary crushing stages. Different CONE crushing tools are available.

## USE OF THE CONE CRUSHER TOOLS

| Application | Marking for identification | Max. F. Size | Closed side setting in mm (CSS) | Cast alloy | Design |
|---|---|---|---|---|---|
| **Secondary crushing stage**<br>> For final product > 25 mm<br>> Reduction ratio*<br>3.5 to 5:1<br>> Open circuit<br>> Large feed opening | Notch on one side | 116 – 131 | 16 – 32 | MnCr 18.2 | S-CONE F.18 |
| | | | | MnCr 20.3 | S-CONE F.20 |
| | | 138 – 157 | 19 – 38 | MnCr 18.2 | S-CONE M.18 |
| | | | | MnCr 20.3 | S-CONE M.20 |
| | | 179 – 199 | 25 – 45 | MnCr 18.2 | S-CONE C.18 |
| | | | | MnCr 20.3 | S-CONE C.20 |
| **Tertiary / quaternary crushing stage**<br>> For final product < 25 mm<br>> Reduction ratio*<br>2.5 to 3:1<br>> Closed circuit<br>> Long calibration zone | Notch on two sides | 71 – 80 | 10 – 19 | MnCr 18.2 | SH-CONE F.18 |
| | | | | MnCr 20.3 | SH-CONE F.20 |
| | | 99 – 111 | 10 – 22 | MnCr 18.2 | SH-CONE M18 |
| | | | | MnCr 20.3 | SH-CONE M.20 |
| | | 130 – 142 | 13 – 25 | MnCr 18.2 | SH-CONE C.18 |
| | | | | MnCr 20.3 | SH-CONE C.20 |

## APPLICATION-SPECIFIC WEAR PARTS

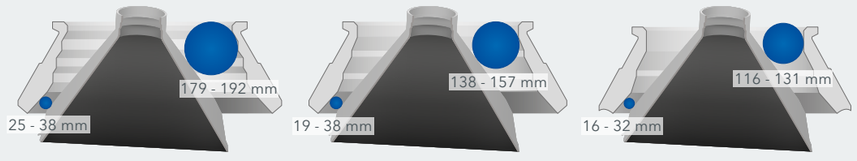
**Crusher cone – versions**
> Standard
> Short Head

**Bowl liner – versions**
> Standard Fine
> Standard Medium
> Standard Coarse
> Short Head Fine
> Short Head Medium
> Short Head Coarse

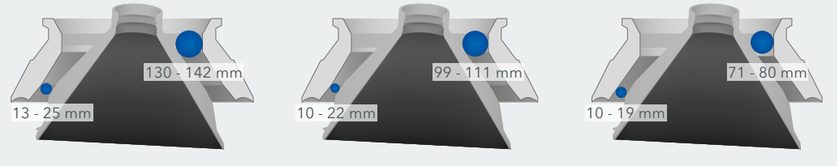
**It all comes down to the right combination!**
In order to receive a constant high material volume from a cone crusher with high final product quality, mobile cone crushers should be operated in the optimum range.

This begins with the selection and composition of the correct tool, which consists of cone and bowl liner.

**Secondary crushing stage**
> Final product > 32 mm
> Open circuit
> Large feed opening




**Tertiary crushing stage**
> Final product < 32 mm
> Closed circuit
> Long calibration zone




> S-CONE stands for the Standard version
> SH-CONE stands for the Short Head version

**Crushing tools for cone crushers**

# WEAR LINING

**For a longer machine service life and increased cost-effectiveness.**

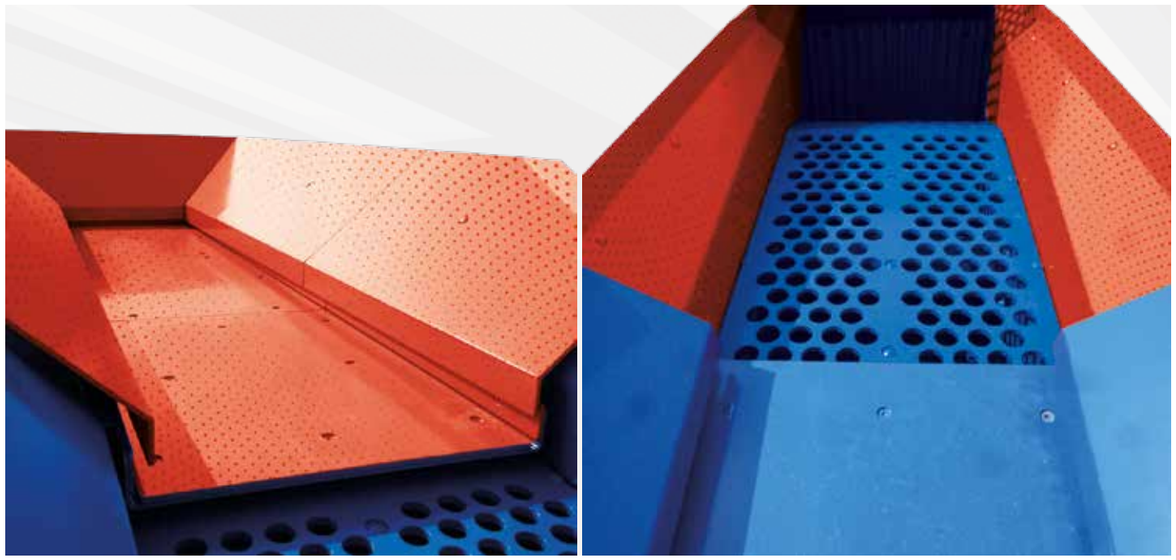

**Optimum protection of a wide range of crushing plant components extends the service life of the machine and increases cost-effectiveness.**

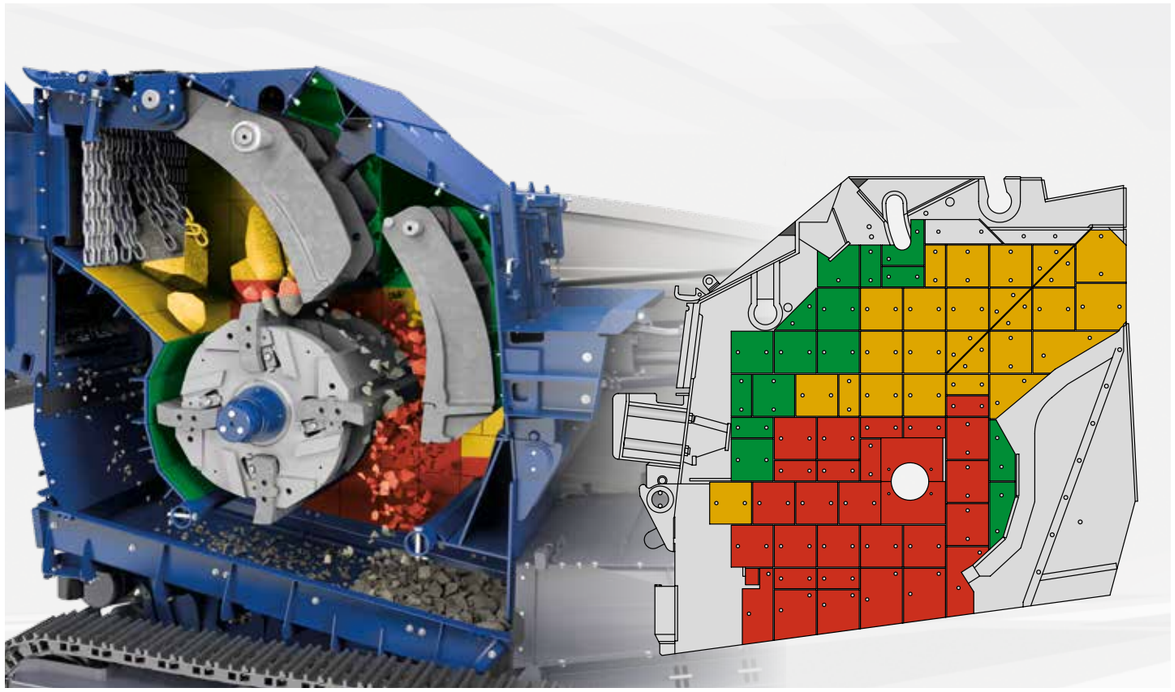
Crushing plants are always subject to high forces and often especially high wear - particularly in certain zones or on components that come into heavy contact with the material to be processed. This wear is caused by pressure, impacts and friction. Various wear protection measures serve to protect these components and thereby enable a longer service life of the equipment. However, they can also have an impact on performance. In crushing plants, the hopper unit and the pre-screen as well as the crushing unit are among the components that require special protection. Original KLEEMANN wear liners protect these components, ensure an optimal material flow and promote economic efficiency and sustainability.

### Hopper unit and prescreen

On all mobile crushing and screening plants, the hopper unit is the first component that comes into contact with the feed material. This area is particularly exposed to high wear. To protect the hopper, therefore, different wear plates are available which, depending on the plant, are welded or bolted on.

The side walls of plants that have a prescreen (MOBIREX impact crusher, MOBICAT jaw crusher) are protected by wear plates.





### Impact crusher

To protect the crushing unit against damage, the MOBIREX impact crushers' housing is fully lined with highly wear-resistant plates. The crushing chamber can be divided into different wear zones. The area subject to the highest load is in the upper and discharge-side turning circle of the rotor ledges. The wear plates are designed such that some of them can be replaced with wear plates from zones subject to less load. This considerably increases the overall level of utilization of the wear elements. The wear lining – suitable for the application – is available in three different quality levels.

**QUALITIES AND APPLICATION RECOMMENDATION**

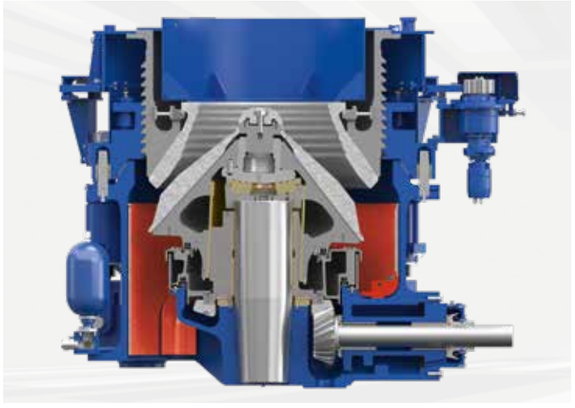
| Wear plates | Specification | Application |
|---|---|---|
| **KRS.40** | Hardness: up to 430 HV | **KRS.40** with high impact resistance are recommended, in particular, for material with very low abrasiveness such as limestone or in the recycling of rubble and concrete. |
| **KRS.50** | Hardness: up to 530 HV | **KRS.50** are recommended for stone with medium abrasiveness and recycling. |
| **KRS.60** | Hardness: up to 600 HV | **KRS.60** are particularly suitable for materials with very high abrasiveness and with uncrushable elements (e.g. steel) in the feed material. |
| **KRS.HW** | Hardness: approx. 740 HV 10, approx. 62 HR (hardface welded) | **KRS.HW** are recommended in the event of highly abrasive wear. To protect the high-quality crusher housing against damage, it is completely panelled with highly wear-resistant plates. The wear and tear can vary considerably within the housing. In order to reduce the replacement times and wear costs, KLEEMANN offers special welded plates. Compared with KLEEMANN standard plates (hardness: 400 HV or 500 HV), these welded plates have a significantly longer service life. |

### Jaw crusher

The MOBICAT mobile jaw crushers have a fixed and an articulated crusher jaw, whereby the material is crushed by an elliptical movement sequence. Side wedges are installed on the sides of these opposing crusher jaws for protecting the crusher housing. The wedges have two parts; the lower part is subject to higher wear. This wear protection – matching the abrasiveness of the material – is available in three different quality levels (KRS.40, KRS.50, KRS.HW).


### Cone crusher

Cone crushers crush the feed material in a circulating opening and closing crushing gap between bowl liner and crusher cone. To protect the MOBICONE plants' crusher housing, the main frame is equipped with wear protection. A counterweight wear guard and support arm guard are also provided.



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