

Welcome! to our world

maximum power

**RM 80GO! NO COMPROMISES**  
MAXIMUM FLEXIBILITY, EASY TRANSPORT.



80GO!



# heart of recycling

## **MAXIMUM POWER, EASY HANDLING**

With the RM 80GO! high-performance crusher RUBBLE MASTER presents a machine that caters for all needs in terms of power and handling. Suitable for an extremely wide range of applications, the RM 80GO! is ready for use within minutes and can process all kinds of mineral materials such as rubble, concrete, asphalt, glass, coal, natural stone and even reinforced concrete quickly and efficiently to make high-quality building materials.

The GO! principle enables all users to start up and operate the machine immediately and easily. With the RM 80GO! you earn money right from the start – it's powerful, reliable and profitable.





# highlights

## THE TECHNICAL HIGHLIGHTS

The RM 80GO! stands out through innovative technology that improves your daily work. The mobile high-performance crusher scores with high reliability, value retention, cost efficiency and productivity, as reflected in the very low operating costs.



### Vibro feeder

The innovative single-piece vibro feeder with integrated prescreening means that material is fed into the crusher in an optimum manner.



### Quiet engine

The RM 80GO! stands out through a high-performance and at the same time quiet engine. This means that it is also ideal for use in noise-sensitive areas.



### Innovative drive concept

Thanks to the typical RUBBLE MASTER drive concept fuel consumption is kept very low, thus reducing running costs.



### Crusher

The RUBBLE MASTER crusher excels through low wear costs and high productivity. And, thanks to the integrated release system and the crusher's quick-closing mechanism, downtime is reduced to a minimum.

## RM 80GO! – TRACKED MOBILE IMPACT CRUSHER

<b>Output</b>	Up to 200 t/h, depending on material
<b>Feed material size</b>	Edge length max. 650 mm
<b>Inlet opening</b>	860 x 650 mm
<b>Crusher unit</b>	RUBBLE MASTER impact crusher with 2 or 4 hammers
<b>Operation</b>	One operator using radio control for crushing and manoeuvring operations
<b>Feed unit</b>	Asymmetric vibro feeder with 2.6 m <sup>3</sup> and 2 vibrator motors each 3.1 kW, loading height 2,880 mm, effective feed length and width: 2,980 x 1,990 mm  Feed control system for automatic crusher feeding Hardox 400 wear lining
<b>Prescreening</b>	Efficient prescreen with mesh screen  Screen area 1,050 x 800 mm discharge on main conveyor belt by means of fully integrated bypass chute or via optional side discharge belt
<b>Main discharge belt (crushed material)</b>	Folding conveyor 800 mm wide, folds into transport position hydraulically Discharge height 2,950 mm
<b>Discharge belt (screened material)</b>	Folding conveyor 500 mm wide, folds into transport position hydraulically Discharge height 2,400 mm
<b>Power unit</b>	John Deere (Stage III A at constant engine speed), 6 cylinder, 194 kW at 1,800 rpm, synchronous generator 40 kVA 400 V, electrical outlets 230 V and 400 V for external drives up to 15 kVA, optional John Deere diesel engine (Stage III B) with particle filter, 164 kW at 1,800 rpm.
<b>Release system</b>	To remove blockages inside crusher
<b>Magnetic separator</b>	Ultra-strong magnet, operates to left and right, belt width 800 mm
<b>Transport system</b>	Crawler gear
<b>Weight</b>	23,600 kg
<b>Options</b>	Dust suppression using water spray inside crusher and at outlet and belts  Diesel filling pump  Crusher hammer changing system  Cable remote control  Central lubrication system  Blind plate for grizzly
<b>Add-on equipment</b>	RM MS80GO! mobile single-deck screen box for RM 80GO!, screen area 2.3 x 1.1 m with two belts. Weight 2,400 kg for precise screen separation  RM OS80GO! mobile oversize material separator for RM 80GO!, screen area 1.2 x 0.8 m with two belts. Weight 1,170 kg for cost-efficient and fast separation of oversize and value aggregate  RM RFB80GO! oversize material refeeding belt for closed material circuit, transport on RM 80GO!, weight 1,400 kg



#### **Optional side discharge belt**

With the optional side discharge belt any fines can be removed prior to processing which increases the quality of the finished material.



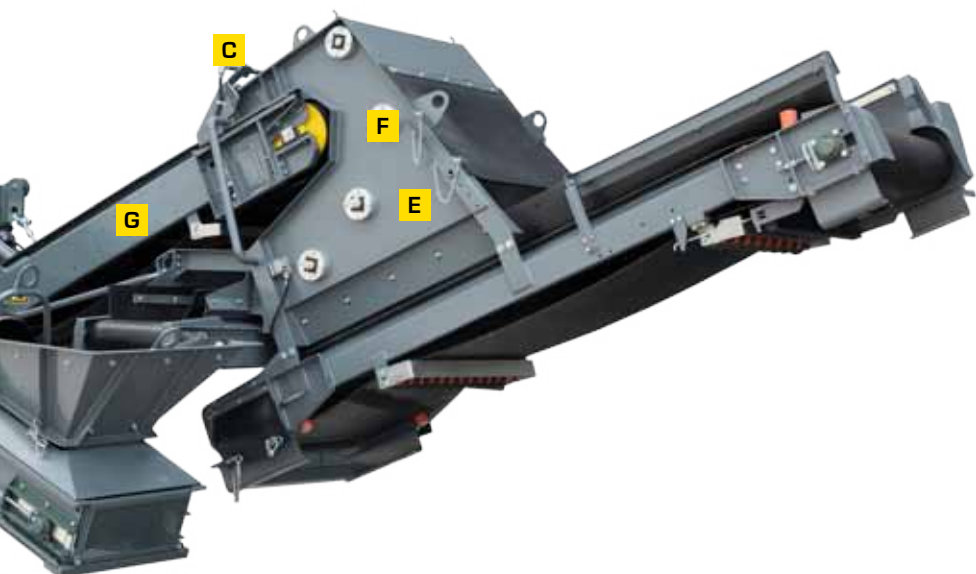
#### **Magnetic separator**

The short distance from the crusher outlet to the magnetic separator avoids blockages and, thanks to the strong permanent magnet, metal is removed from the crushed material.



#### **Dust suppression system**

The optional dust suppression system means that you can process mineral materials also in very sensitive areas. The dust is kept down at the critical points by a fine water spray.



#### **RM RFB80GO! refeeding belt**

The optional RM RFB80GO! refeeding belt sends the oversize material back into the vibro feeder and returns it to the crusher. This saves additional working steps and increases productivity as a result.



#### **Discharge conveyor belt**

The discharge belt stands out through high reliability and long service life. Servicing jobs such as removal, replacement or adjustments are carried out easily and quickly. Thanks to the optional rib belt you have less wear and better steel removal.



#### **RM MS80GO! mesh deck screen**

The RM MS80GO! is mounted on the RM 80GO! using a subframe and stands out through high precision when separating the screened materials. This means that you can produce high-quality building materials. Typical applications can be found in the natural rock industry.



#### **RM OS80GO! oversize material separator**

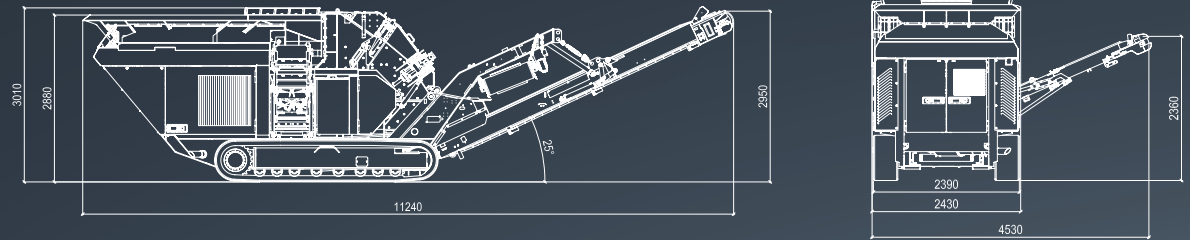
The RM OS80GO! oversize material separator is simply hung into the main discharge belt of the RM 80GO! and reliably separates oversize from value material. This way it is very easy to produce ready-to-use building materials. Typical applications can be found in the processing of asphalt and concrete.

Dimensions in mm. Specifications subject to change in line with technical developments. The machine complies with Guideline 2006/42/EC of the European Parliament.

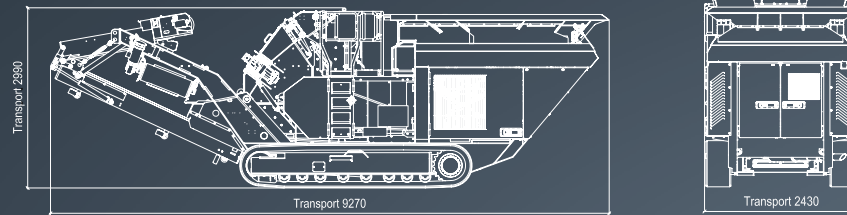
## DIMENSIONS

### RM 80GO!

#### WORKING POSITION

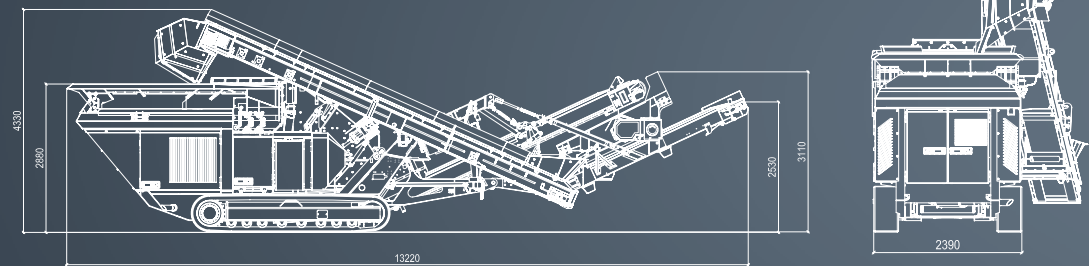


#### TRANSPORT POSITION

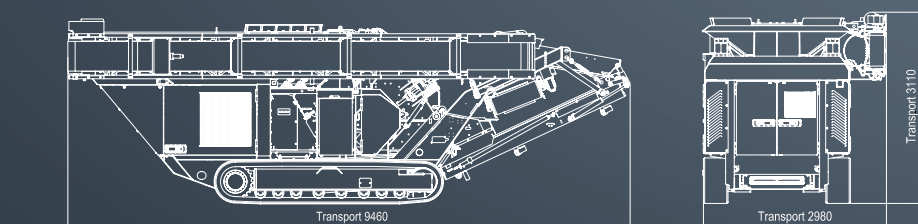


### RM 80GO! + RM MS80GO! + RM RFB80GO!

#### WORKING POSITION

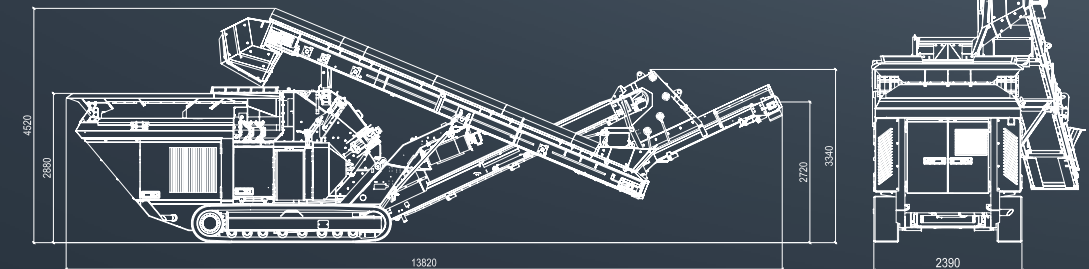


#### TRANSPORT POSITION

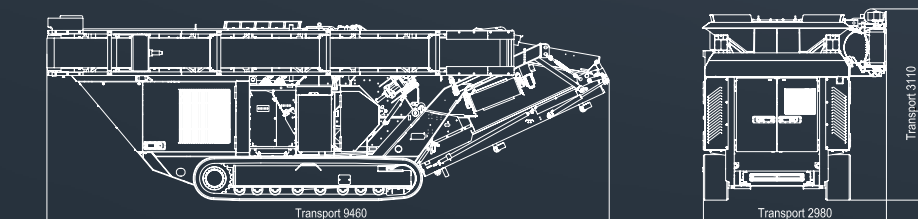


### RM 80GO! + RM OS80GO! + RM RFB80GO!

#### WORKING POSITION



#### TRANSPORT POSITION





# benefit

## 1, 2, 3, GO! – BENEFIT FROM THE WORD GO

Mobility, flexibility, easy maintenance and clear operating steps make the high-performance crusher unique. The RM 80GO! shows you your benefits reliably day after day: earning money – with top performance.

### Diversifier

Better than competitors  
Advantage through flexibility

#### RM 80GO!

- ▶ Road building companies
- ▶ Contract crushers
- ▶ Gravel pits
- ▶ Quarries

### Contractor

#### Services offered:

Processing of construction debris  
to make high-value recycled building  
materials

#### Starting point:

- ▶ High cost pressure from competitors
- ▶ Job sites becoming smaller
- ▶ Rising transport costs

#### Benefits as a result:

- ▶ Efficient recycling (even small quantities) thanks to innovative technology
- ▶ Reduced costs – easy transport through compact machine design



### Specialist

New line of business  
Turn waste into profit

#### RM 80GO!

- ▶ Production waste from ready-mixed concrete, bricks, tiles, etc.
- ▶ Glass, railway sleepers, track ballast

### Production company

#### Services offered:

Brick-, glas- and tile production...

#### Starting point:

- ▶ Disposal of waste production materials is very expensive

#### Benefits as a result:

- ▶ Thanks to being able to recycle waste production materials in-house they can be put back into the production cycle for savings in energy, disposal and the procurement of new material







#### **Easy transportation**

The transportation and also the loading and unloading of the RM 80GO! work quickly and uncomplicatedly – so you are ready to work even faster.



#### **Safe ground-based service**

The engine which is mounted beneath the vibro feeder can be accessed from three sides and thus enables you to carry out maintenance and servicing safely and efficiently from the ground.



#### **Strong in every environment**

The high-performance crusher stands out through high flexibility – even if space is limited – wherever it is used.



#### **GO!**

Simply push the button and away you go – the innovative GO! principle means you benefit directly and quickly. And, thanks to the standard remote control, you can operate all relevant functions on the machine – so you save both time and money.

“ The RM 80GO! is the ideal machine. Easy to transport, powerful and flexible in use. Perfect for me as a contractor

THOMAS NUSSBAUMER,  
NSB SCHOTTERGEWINNUNGS-GMBH, ÖSTERREICH ”



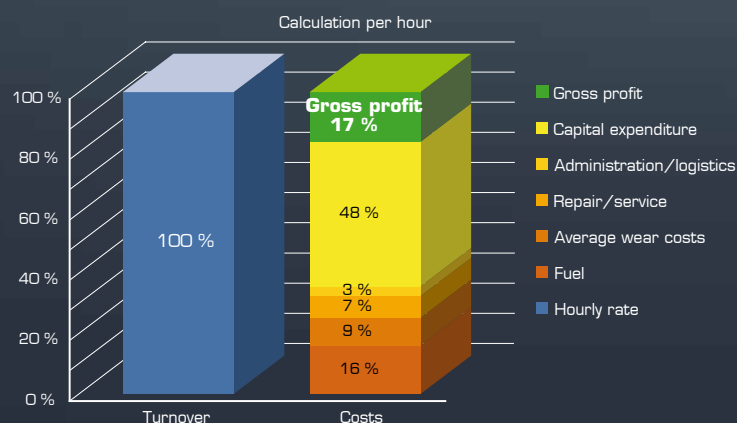
# RECYCLING IN THE CONSTRUCTION BUSINESS

The **RM Compact Crusher** reduces the costs of storage, disposal and procurement and thus help to improve the clients overall cost structure. The cost-efficient recycling of rubble with a **RM Compact Crusher** generates additional value added with existing machines and overheads can be covered as a result. This improves the competitive strength of the user.



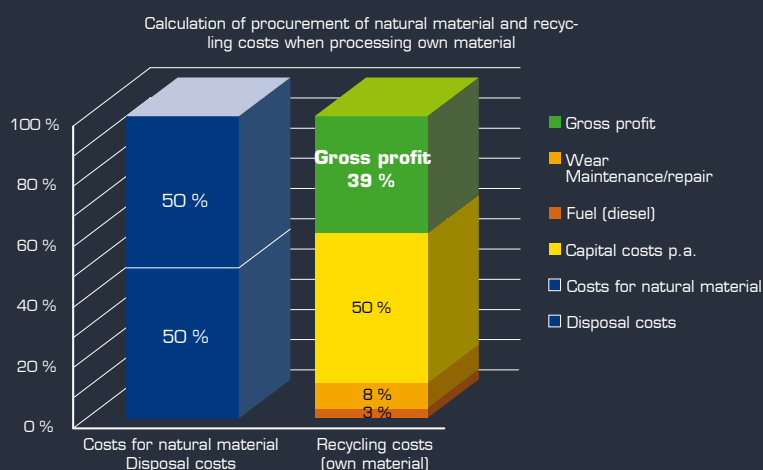
## RECYCLING AS A SERVICE

Despite their low transport weight, all RM Compact Crushers have remarkable throughput capacities with low wear and low fuel consumption. They are easy to transport without any permits necessary and are ready for operation within a matter of minutes. This means that small and medium quantities can also be processed economically. As there is not much competition in this segment, considerably better prices can be achieved.



## RECYCLING TO MAKE RAW MATERIALS

Recycling waste production materials enables the customer to streamline the value added chain as the costly procedures for the waste removal no longer apply. These waste production materials can then be put back into the production cycle again and procurement costs for new material can be reduced as a result.





## PRODUCTION WASTE



Waste from brick production



Processing



Recycled brick chippings



Reused as tennis court surfacing

## BROKEN ASPHALT



Residual asphalt



Processing



Recycled asphalt aggregate



Reused for road subbase

## CONSTRUCTION DEBRIS



Rubble



Processing



Recycling sand



Reused for backfilling

## NATURAL ROCK



Natural Rock



Processing



Crushed material



Reused as building material



# rubble master

## **WELCOME! TO OUR WORLD**

RUBBLE MASTER is the competent partner at your side. We offer you more than innovative machines that are lasting in value – we offer you RM Lifetime Support:

### **TRAINING PROGRAMMES (RM-ACADEMY)**

We support you with structured training programmes which meet your requirements and turn operators into specialists.

### **CONTINUOUS ON-SITE SUPPORT**

We offer you permanent on-site support through our partners so you can work with maximum efficiency and productivity at all times.

### **SITE ORGANISATION SUPPORT**

Based on our many years of experience we, working together with you, optimise the design and settings of the machine and site logistics, which ensures you save costs.

### **SPARE PARTS SERVICE**

The fast supply of high-quality original RM spares and wear parts reflects our commitment to service. Plus it optimises the availability of your machines at the same time.

### **RM SERVICE CENTRE**

Our RM SERVICE CENTRE in Linz offers you even greater service expertise and the unrivalled quality of the manufacturer service.





“ Processing mineral materials is more than business to us, it is a way of life. ”

**GERALD HANISCH,**  
RUBBLE MASTER Founder & CEO

We are committed to the innovative spirit to be able to offer you products and services at all times which improve your daily business in a lasting way. This passion is your guarantee for machines which fulfil your requirements in every respect. Implemented by a team of experts who are at your side as strong, reliable and always professional partners.



**Welcome!** to our world



**RUBBLE MASTER HMM GMBH**  
IM SÜDPARK 196, AT 4030 LINZ, AUSTRIA  
TEL: +43 732 73 71 17 - 360  
FAX: +43 732 73 71 17 - 101  
EMAIL: SALES@RUBBLEMASTER.COM

[WWW.RUBBLEMASTER.COM](http://WWW.RUBBLEMASTER.COM)