

Welcome! to our world



performance

RM 100GO! FOR HIGHER PERFORMANCE
MAXIMUM POWER, EASY HANDLING.



100GO!



power pack

THE MOBILE POWER PACK

With the RM 100GO! 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 100GO! 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 100GO! you earn money right from the start – it's powerful, reliable and profitable.

GO!

highlights

THE TECHNICAL HIGHLIGHTS

The RM 100GO! 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 motor
The RM 100GO! stands out through a high-performance and at the same time quiet motor. 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.



GO!

data

RM 100GO! – TRACKED MOBILE IMPACT CRUSHER

Output	Up to 250 t/h, depending on material
Feed material size	Edge length max. 750 mm
Inlet opening	950 x 700 mm
Crusher unit	RUBBLE MASTER impact crusher with 2 or 4 hammers, 3 rotor speeds
Operation	One operator using radio control for crushing and manoeuvring operations
Feed unit	Asymmetric vibro feeder with 3.3 m³ and 2 vibrator motors each 3.1 kW, loading height 3,000 mm, effective feed length and width: 2,980 x 2000 mm feed control system for automatic crusher load-dependent conveying Hardox 400 wear lining
Prescreening	Efficient prescreen with mesh screen screen area 1,500 x 900 mm discharge on main conveyor belt by means of fully integrated bypass chute or via optional side discharge belt
Main discharge belt (crushed material)	Folding conveyor 1,000 mm wide, folds into transport position hydraulically Discharge height 3,350 mm
Discharge belt (screened material)	Folding conveyor 500 mm wide, folds into transport position hydraulically Discharge height 2,400 mm
Power unit	John Deere (Stage III A at constant engine speed), 6 cylinder, 235 kW at 1,800 rpm, synchronous generator 70 kVA 400 V, electrical outlets 230 V and 400 V for external drives up to 15 kVA, optional Volvo diesel engine (Stage III B) with AdBlue, 225 kW at 1,900 rpm.
Release system	To remove blockages inside crusher
Magnetic separator	Ultra-strong magnet, operates to left and right, belt width 800 mm
Transport system	Crawler gear
Weight	29,000 kg
Options	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 Subfloor
Add-on equipment	RM MS100GO! mobile single-deck screen box for RM 100GO!, screen area 2.8 x 1.3 m with two belts. Weight 2.8 t for precise screen separation RM OS100GO! mobile oversize material separator for RM 100GO!, screen area 1.2 x 1 m with two belts. Weight 1.2 t for cost-efficient and fast separation of oversize and value aggregate RM RFB100GO! oversize material refeeding belt for closed material loop, transport on RM 100GO!, weight 1.4 t



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.



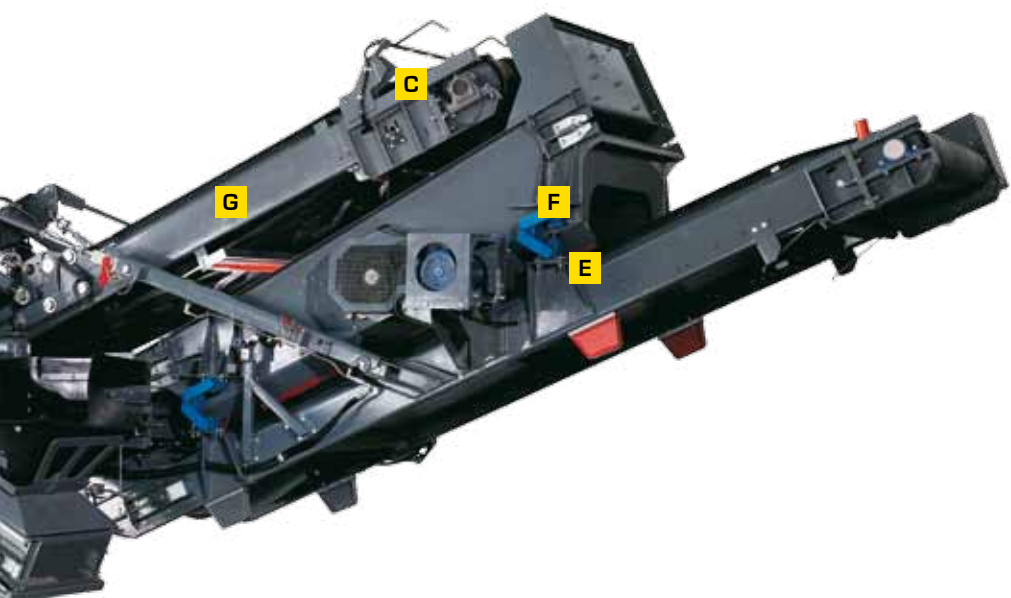
Magnetic separator

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 RFB100GO! refeeding belt

The optional RM RFB100GO! 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 MS100GO! mesh deck screen

The RM MS100GO! is mounted on the RM 100GO! 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 OS100GO! oversized material separator

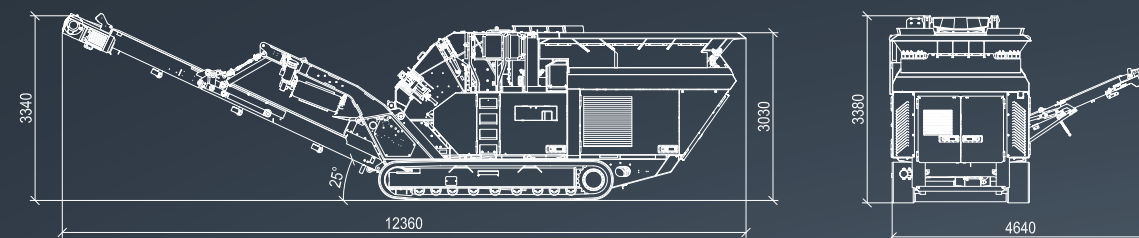
The RM OS100GO! oversized material separator is simply hung into the main discharge belt of the RM 100GO! and reliably separates oversize from value material. This way it is very easy to produce ready-to-use building materials. Typical applications can be found in the processing of asphalt and concrete.

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

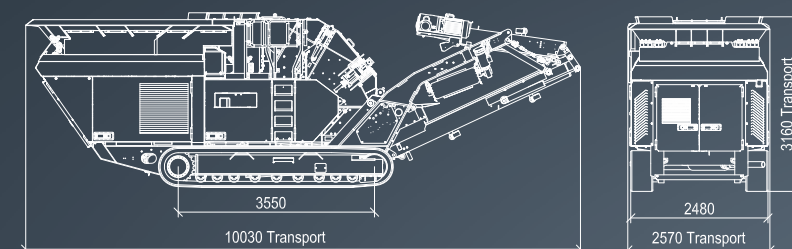
DIMENSIONS

RM 100GO!

WORKING POSITION

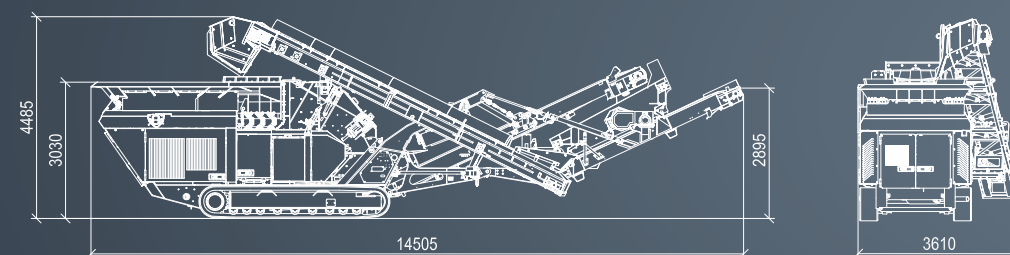


TRANSPORT POSITION

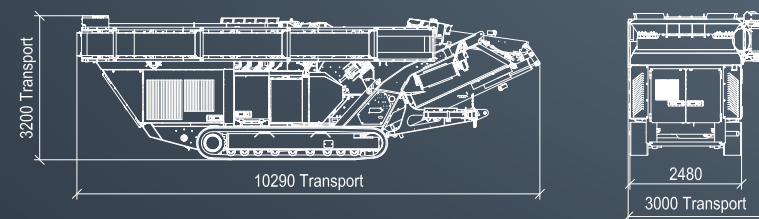


RM 100GO! + RM MS100GO! + RM RFB100GO!

WORKING POSITION

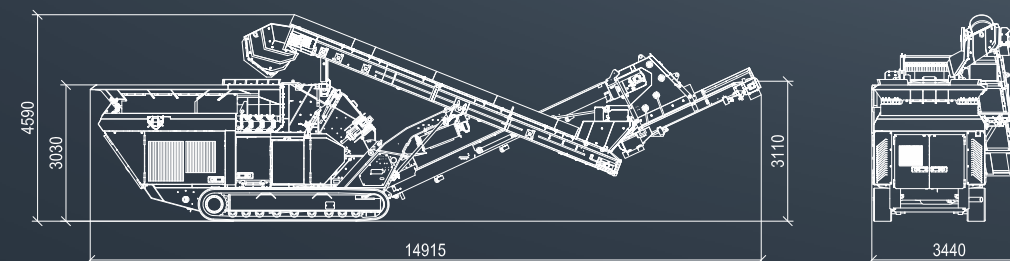


TRANSPORT POSITION

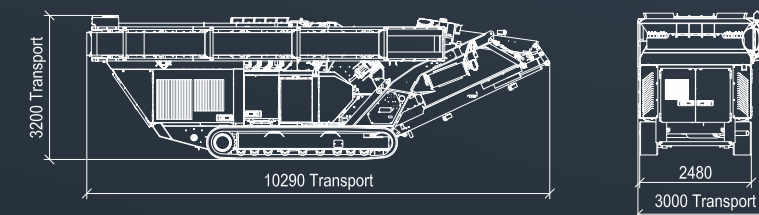


RM 100GO! + RM OS100GO! + RM RFB100GO!

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 100GO! shows you your benefits reliably day after day: earning money – with top performance.



Easy transportation

The transportation and also the loading and unloading of the RM 100GO! 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 100GO! stands for the uncomplicated and profitable processing of mineral materials – you could even say it enables me to turn rubble into money!”

MAURICIO ANDRADE SÁNCHEZ,
EURO REPRESENTACIONES S.A. DE C.V., MEXICO



fields of application

WIDE RANGE OF APPLICATIONS

The RM 100GO! rises to every challenge and is suitable for many fields of application – ranging from concrete, asphalt, construction debris and natural rock to glass. Regardless of what material you wish to process, you can rely on the RM 100GO! high-performance mobile crusher.



BROKEN CONCRETE



Residual concrete



Processing



Recycled concrete aggregate



Reused as an additive in concrete production

BROKEN ASPHALT



Residual asphalt



Processing



Recycled asphalt aggregate



Reused for non-compacted load-bearing surfaces

CONSTRUCTION DEBRIS



Rubble



Processing



Recycling sand



Reused for backfilling

NATURAL ROCK



Natural Rock



Processing



Crushed material



Reused as building material



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 RUBBLE MASTER Lifetime Support:

TRAINING PROGRAMMES

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 RUBBLE MASTER spares and wear parts reflects our commitment to service. Plus it optimises the availability of your machines at the same time.

RUBBLE MASTER SERVICE CENTRE

Our RUBBLE MASTER 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



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