

Welcome! to our world

RM[®]
GROUP

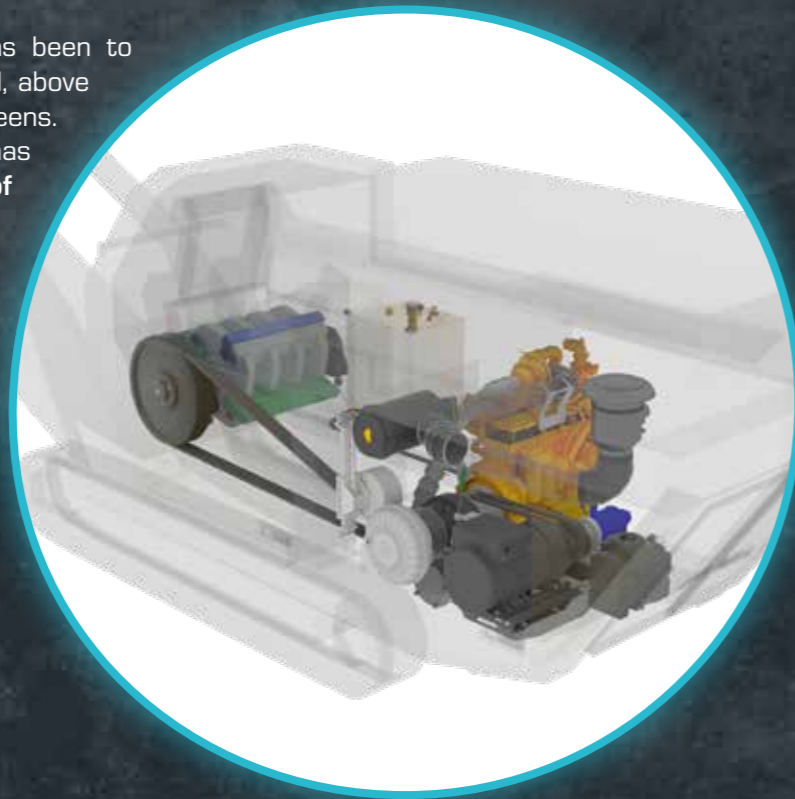
RM NEXT LEVEL ELECTRIFICATION



The highest efficiency with
electric drive solutions
for RM crushers & screens

Diesel-electric crusher with direct drive

RM's philosophy for decades has been to offer customers custom built and, above all, sustainable crushers and screens. That's because RM Group has focused on **the electrification of its machines since its inception**. Thanks to the efficient diesel-electric drive concept, the optimised dimensions of the low consumption engine, and its incredible performance, customers **save up to 30 % on diesel with every yellow RM machine**, compared to diesel-hydraulic systems. In addition, plenty of power is on hand to supply external electric drives.



Your advantages with RM machines

**ELECTRIFICATION FOR MORE
THAN 30 YEARS**



We have been electrifying our plants for over 30 years and know how to use surplus power in the most efficient way.

**HIGHEST
SAFETY STANDARDS**



Thanks to RM XSMART, remote control, the Performance Indicator and RM Operations Assist, the operator can see the machine status and current utilisation status from a safe distance.

**COMPACT DESIGN &
FLEXIBLE EXPANSION**



Due to the compact design of the machine, material can be processed at inner cities job sites, in tunnels or inside buildings and flexibly expanded with additional machines to cover a wide range of applications.

**GO! AND START
EARNING MONEY**



RM machines are set up and ready for action within 10 minutes. Because they are so extremely easy to operate, getting started takes no time.



Thanks to the **diesel-electric concept**, we can provide **quick and easy processing** while offering **maximum performance**. Now we have 15 RM crushers & screens, all of which are perfectly **compatible and expandable**. This gives us a huge advantage with our rental fleet.

Paul Fot, Fot Machinery GmbH, Germany



➤ **CRUSH AND SCREEN GRAVEL: RM 70GO! 2.0 WITH RM MS70GO! AND RM CS3600**

- The crusher can provide power to other machines in remote areas
- up to 150 t/h and 3 final aggregate sizes
- Power to the screen is provided by the crusher



Hybrid & fully electric with mains power

The highest flexibility with RM products

RM crushers and screens with hybrid and fully electric drive systems seriously reduce energy costs and overall operating costs. Increase your flexibility with RM products and operate them fully electrically or with the diesel engine, depending on the job. Emissions as well as noise are also minimised.

ENVIRONMENTALLY FRIENDLY



Legal requirements are becoming stricter in terms of climate protection measures. RM hybrid drives enable climate-friendly operation in sensitive areas thanks to their reduced carbon emissions.

THE HIGHEST FLEXIBILITY



With RM's electric drive solutions, you have complete flexibility. Depending on the construction site location and the job at hand, the machines can be operated fully electrically, or using the diesel engine which also powers other electrical systems.

LOWER RUNNING COSTS



As well as reducing energy consumption, electric drives also minimise maintenance costs. If a crusher in a machine train provides power to a screen, maintenance costs are reduced even further.

REDUCING CARBON EMISSIONS



RM machines reduce energy consumption and therefore carbon emissions. By connecting the crusher or screen to mains power, it is also possible to operate completely exhaust-free on site.

QUIET OPERATION



The fully-electric RM machines feature lower noise emissions during operation, which is a major advantage especially in urban areas.

EFFICIENT DRIVE CONCEPT



In contrast to other manufacturers, RM Group focuses on the most complete possible electrification of all drive systems. It's the only way to achieve maximum efficiency.

SINGLE SOURCE CRUSHING & SCREENING



RM crushers can power a second machine if required, saving up to 33% on energy costs. If both machines are operated fully electrically, savings potential increase up to 50%.



The RM MSC8500e is already saving us up to **25% on diesel costs in hybrid mode**. At our site in Vence, we can even screen **completely electrically**. This is good for our business and also conserves the environment and our planet.



*Eric Galgani,
SARL Galgani TP & Recyclage,
France*

Intuitive machine operation with ingenious communication system

Thanks to RM Group's machine communication system, operators receive up-to-date information on their machine from a safe distance. What's more, RM machines communicate with each other and react automatically in the event of a problem. While this increases operator safety, it also maximises profit by increasing productivity.

Communication machine to operator

PERFORMANCE INDICATOR

The performance indicator provides the operator with feedback on the current performance of the machine using light signals.

- 1 LED** : utilisation > 25 %
- 2 LEDs** : utilisation > 50 %
- 3 LEDs** : full capacity utilisation
- Flashing LEDs** : crusher is overloaded



COMMUNICATION LIGHTING

- green**: machine is crushing/screening and is in optimal condition
- flashing green**: zero feed active
- flashing:yellow**: machine is moving or belts are starting
- red**: an error has occurred

Communication machine to machine

ENHANCED SAFETY



If an error occurs at one of the machines in a crushing and screening train, the machine is brought to a defined state in a controlled manner. Material feed is stopped in the upstream machines to prevent a material jam, while downstream machines continue to run safely.

EASILY CONNECTED



Thanks to Plug & Play, the machines are easily connected to each other by cables. The RM Connected logo indicates the connection points on the machines.

REDUCE COSTS



Shutting down early in the event of an error reduces maintenance & spare parts costs, reduces the time required for clearing blockages and cleaning work, and keeps the risk of damage to the machine as low as possible.



RM XSMART

Save time with an overview of your machines on site

RM has developed the digital solution RM XSMART to ensure smooth interaction between the machine, operator, owner and service team. Operators can see an overview of their machines using a mobile app or web app.

Your advantages

OVERVIEW

- Overview of all registered machines
- Machine type & serial number:
- Status display of the machines
- Various filter options

DEPLOYMENT

- Machine location incl. GPS coordinates
- Nearest postal address to the machine location
- Colour overview of which machines are in operation
- Status messages

PRODUCTION FIGURES

- Efficiency calculation: fuel consumption per tonne
- Operating hours
- Average engine utilisation
- Diesel consumption: overall and per hour
- Remote display of diesel & AdBlue level
- Weight data from up to four scales (available as an option)
- Throughput capacity/weighing cradle (available as an option)

SERVICE SUPPORT

- Error codes and error frequency online as PDF download for workshop record
- Daily and hourly reports can be custom-defined



RM XSMART



Connect to your RM machine anywhere, anytime and from any device.





RM products

Welcome! to our world



Contact us now:

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sales@rubblemaster.com



Impact crushers



Scalpers



Jaw crushers



Post screens

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