

HIGHLIGHTS RM HS SERIES

SCALPERS – Coarse material screening equipment

The screens in the SCALPER series are durable, robust, high performance machines designed to handle the heaviest applications in the harshest conditions. Whether it's heavy rock or bulky construction and demolition material, thanks to their versatility and high throughput the SCALPER series screens minimise material handling and deliver high quality end products.



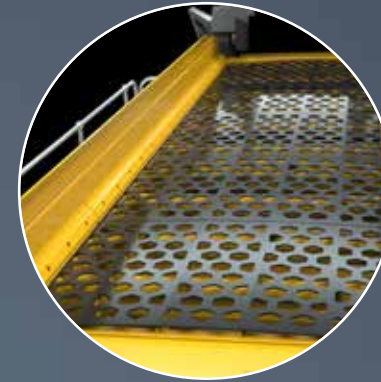
Wide access engine compartment doors

Provide perfect access for service and maintenance of engine and hydraulics.



Feed hopper

Large feed hopper with a heavy duty multiply belt as standard. The speed of the belt feeder is adjustable to ensure smooth material flow onto the screenbox.



Screen decks

Multitude of combinations and configurations for top and bottom decks including e.g. punch plate, before screen, finger deck, square and elongated meshes – one scalper for different applications.



Medium and fine material belts

Adjustable speed, as well as over the top folding for optimized transport dimensions.



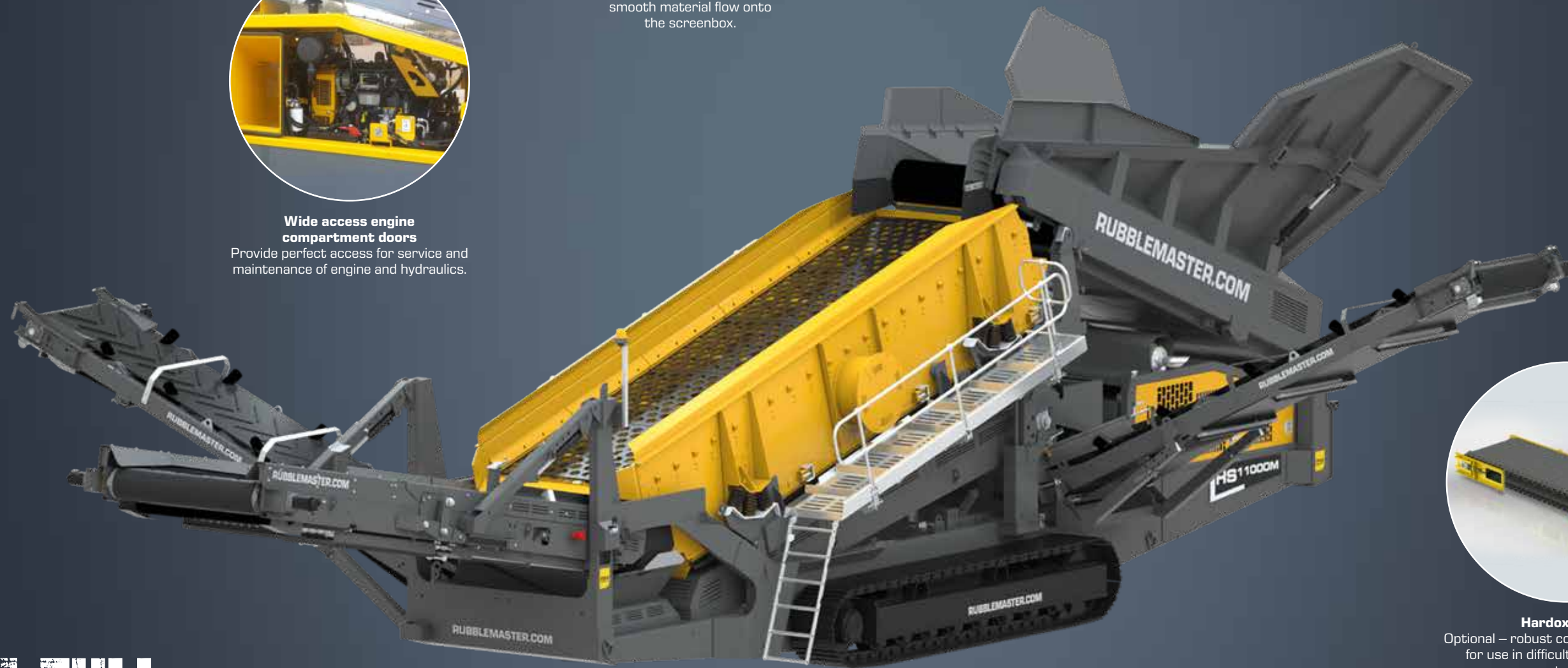
High power screenbox

Features adjustable screenbox angle (except RM HS3500M) with an amplitude of up to 10 mm achieves highly accurate material split with exceptional throughput performance even when screening the most difficult materials.



Hardox apron

Optional – robust construction allowing for use in difficult and heavy duty materials.



“THE FULL
PACKAGE”

RM delivers a top quality package: straightforward set-up, flexibility, high material quality, profitability, simple maintenance, intuitive operation and great design: ideal for on-site action.

Billy Todd, USA, Owner of 108 Excavating

Not every option is available for all machines.

RM HS SERIES

SCALPER SERIES –
COARSE MATERIAL SCREENING EQUIPMENT

	RM HS3500M	RM HS5000M	RM HS7500M	RM HS11000M
Screenbox				
screen surface	2,743 x 1,220 mm	3,660 x 1,420 mm	4,880 x 1,525 mm	6,100 x 1,830 mm
angle	14°	15° - 20°	15° - 20°	13° - 17°
Feed hopper				
volume	5 m³	6 m³	8.7 m³	8.7 m³
belt width	1,050 mm	1,300 mm	1,400 mm	1,400 mm
Oversize material discharge belt				
belt width	1,050 mm	1,200 mm	1,600 mm	1,600 mm
discharge height	3,430 mm	2,580 - 3,735 mm	2,980 - 3,750 mm	2,700 - 3,900 mm
Midsized discharge belt				
belt width	650 mm	800 mm	900 mm	1,000 mm
discharge height	3,145 mm	3,670 mm	3,780 mm	3,100 mm
Fines discharge belt				
belt width	650 mm	800 mm	900 mm	1,050 mm
discharge height	3,145 mm	3,870 mm	4,080 mm	3,700 mm
Transport dimensions (L x W x H)	9,880 x 2,550 x 3,190 mm	13,440 x 2,730 x 3,200 mm	15,005 x 2,920 x 3,430 mm	16,345 x 3,000 x 3,550 mm
Weight				
basic machine	16,500 kg	24,500 kg	33,000 kg	39,000 kg



JOB STORY

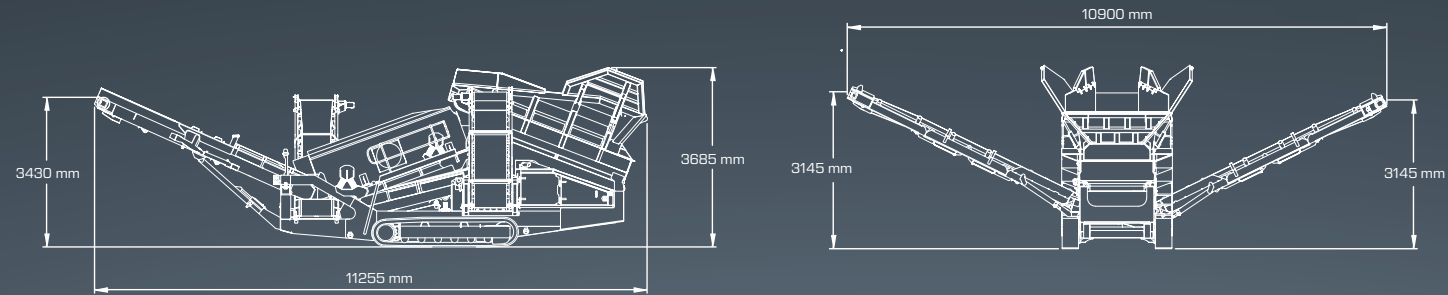
RM HS5000M TURNS EXCAVATED LIMESTONE INTO VALUE AGGREGATE

Excavated material from a large construction site in Hallein is crushed, screened using RM machines and then resold

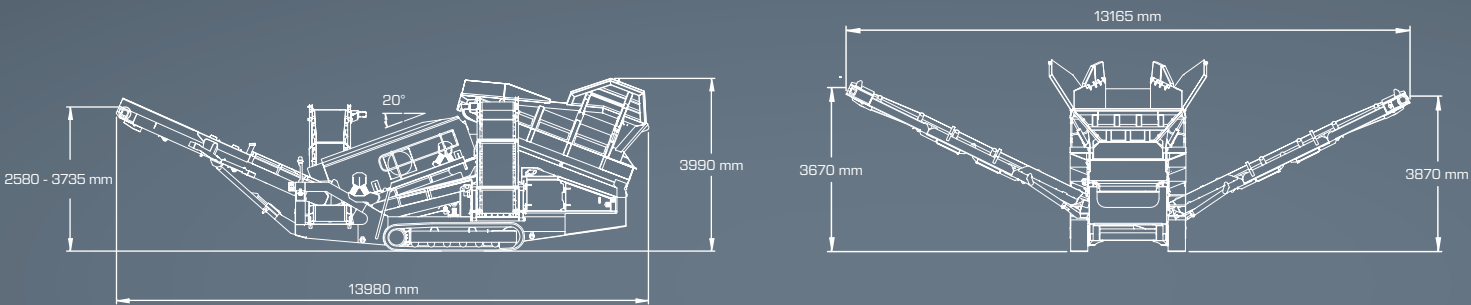
An underground car park is being built in the greater Salzburg area. In the first phase, the excavated material is crushed from 0/800 to 0/32 by the RM 120GO! mobile crusher. The limestone is then screened by the fractions 0/8, 8/16 and 16/32. The material as filter gravel for a nearby motorway refurbishment project is sold.

WORKING DIMENSIONS

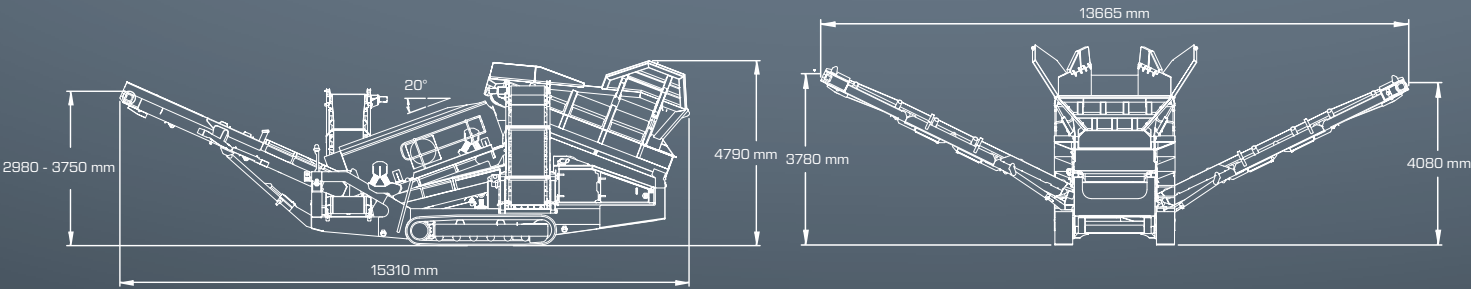
RM HS3500M



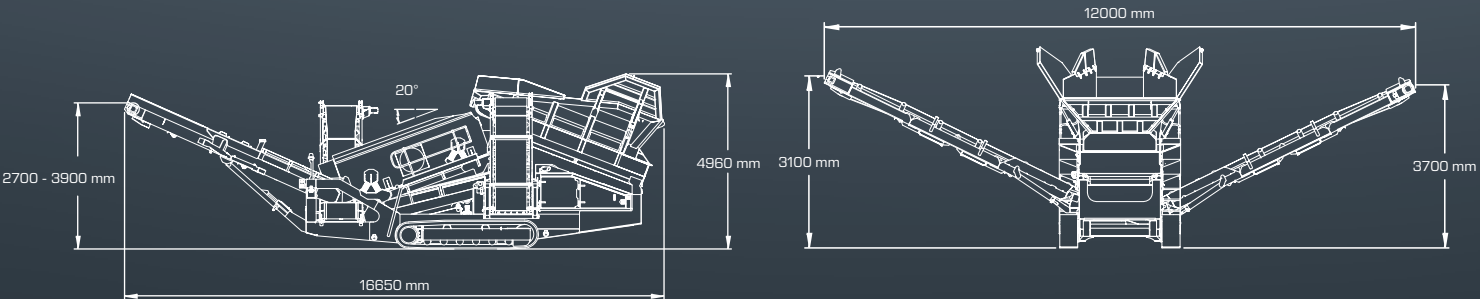
RM HS5000M



RM HS7500M



RM HS11000M



Dimensions in m. Specifications subject to change in line with technical developments.
Machines comply with Guideline 2006/42/EC of the European Parliament.