



# SCREENS

COMPACT RECYCLING FOR WINNERS

**RUBBLE MASTER**<sup>®</sup>  
COMPACT RECYCLER



Profit from mobility: RM crushers and screens are on-site when you need them



CE-certified aggregate can be produced cost-effectively on-site in a single pass: Patented RM solution paired with mobile system and material return



Profit from efficiency with features, such as large-area screen box, screens for every material, rapid changeover, ability to perform service from the ground



Modular system for mobile material production: machine can operate independently at remote locations with power being supplied by the crusher

## DEFINED AGGREGATE FOR HIGHER PROFIT



RUBBLE MASTER screens set the standard for the compact class in mobile processing: they can be transported quickly without special permits, are versatile and ideally matched to the high-performance range of RUBBLE MASTER crushers.

The RM screens produce high-quality recycled primary and secondary building materials on-site and cost-effectively from construction debris and natural rock. The resulting savings for transportation, tolls and storage fees – including the cost of purchasing new material – creates a clear competitive advantage. The ability to grade final crushed aggregate to a desired classification creates an opportunity to earn the highest potential profit.

Solid quality manufacturing, durable components and wear-resistant materials ensure the efficiency and dependability of RUBBLE MASTER screen systems while maximizing profit from each job. Unique RM Lifetime Support provides customer care over the entire service life of each machine because we are only satisfied when our customers are successful!

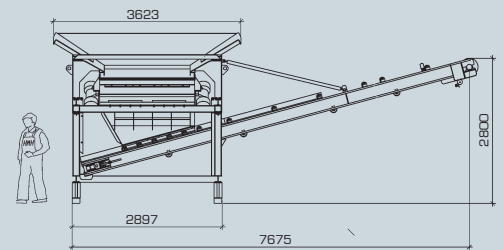
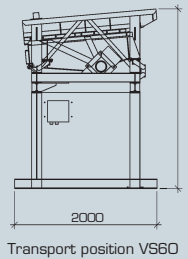
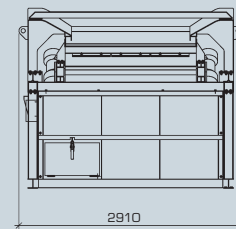
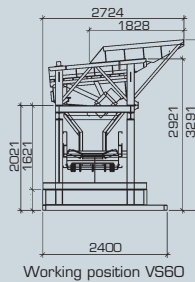
The ideal match for the RUBBLE MASTER RM60 crusher, the VS60 is a compact double-deck screen designed to sort and separate fine material from rubble, asphalt, concrete and excavated material. The two screen decks filter out fine material with precision in the pre-screening stage to reduce wear inside the crusher. The feed hopper is also heavily reinforced to minimize wear and tear. Power is supplied to the screen from the crusher generator – a huge advantage at remote locations.



## VS60 – THE RELIABLE PRE-SCREEN

### VS60 - semi-mobile linear-oscillation pre-screen

production	up to 112 tons/hr (100 tonnes/hr), depending on screen mesh size and feed material
feed material	rubble, asphalt, concrete, excavated material
feed material size	edges up to 19.7 in (500 mm) long
screening range	0.78 in to 2.95 in (0/20 to 0/75 mm)
transport system	by truck with a load clearance of at least 8 ft 3 in (2,500 mm) by low-boy (VS60 with additional skids)
transport weight	2.8 tons (2.5 tonnes)
drive power	2 x 0.95 kW
type	2 deck
screen box	top screen length: 5 ft (1,500 mm) top screen width: 5.5 ft (1,800 mm) lower screen length: 5 ft (1,500 mm) lower screen width: 5.5 ft (1,650 mm) screen angle: 5°
options	hopper extension side conveyor belt FB800: axle spacing: 26 ft 3 in (8,000 mm) discharge height: 9 ft 3 in (2,800 mm) drive power: 3.0 kW total weight: 4.7 tons (4.2 tonnes)



Specifications subject to change in accordance with technical developments



The VS60 ensures the highest efficiency, as a stand-alone screen or when paired with a RM crusher as a complete on-site recycling center



A high discharge height is made possible with two additional skids and an optional 26.2-foot (8-meter) side conveyor belt



The VS60 allows the highest possible production rate with the least amount of wear by pre-screening fine material

The CS2500 is perfectly matched to the RUBBLE MASTER RM60 for grading recycled grains from waste building material and natural rock, as well as round grains, to a standardized grain size. The production capacity of this semi-mobile linear oscillation screen is optimized according to the angle of the screen, the mesh gap and the type of feed material. Even when operating at a high rate of production, the CS2500 achieves very accurate separation with little maintenance as a result of its self-cleaning screen deck. This compact final screen has two conveyor belts with an impressive discharge height. The screened grain conveyor belt is safely integrated into the framework of the machine and folds away hydraulically prior to transport. The CS2500 can be easily transported to the job site using a hook-hoist unit on a truck. Power is supplied to the screen from the crusher generator – a huge advantage at remote locations.

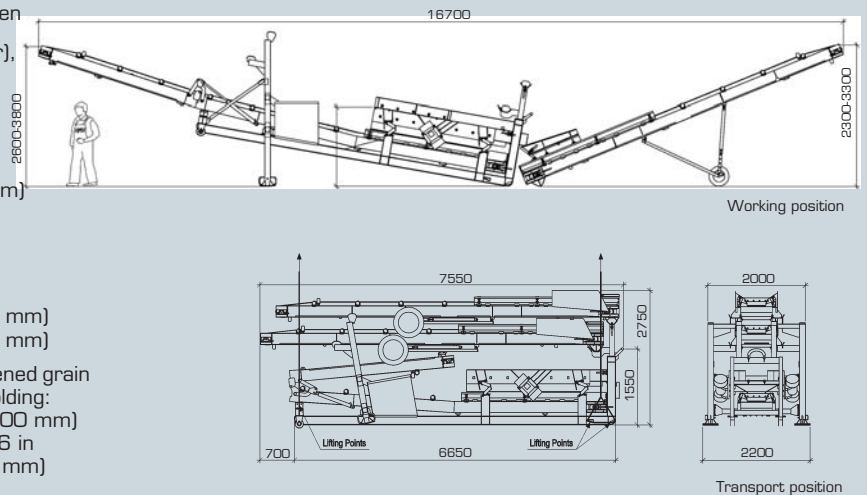


## CS2500 – THE COMPACT SINGLE-DECK FINAL SCREEN

### CS2500 - semi-mobile linear oscillation final screen

production rate	up to 89.6 tons/hr (80 tonnes/hr), depending on screen angle, mesh size and feed material
feed material	crushed grains (rubble, concrete, asphalt, rock), round grains
feed material size	edges up to 2.75 in (70 mm long)
screening range	0.16 in to 1.6 in (0/4 to 0/40 mm)
transport system	by hook-hoist unit on truck
transport weight	4.5 tons (4.0 tonnes)
type	1 deck
drive power	2 x 0.95 kW, vibrator motors
screen box	screen length: 8 ft 3 in (2,500 mm) screen width: 3 ft 4 in (1,000 mm)
discharge belts	1 for oversized grain and 1 for screened grain screened grain belt, hydraulically-folding: axle spacing: 31 ft 2 in (9,500 mm) discharge height: 8 ft 7 in - 12 ft 6 in (2,600 - 3,800 mm) oversized material belt: axle spacing: 21 ft 11 in (6,700 mm) discharge height: 7 ft 7 in - 10 ft 10 in (2,300 - 3,300 mm)
options	second screen deck with additional conveyor belt for oversized material production rate of up to 112 tons/hr (100 tons/hr), total weight 5.3 tons (4.7 tonnes)

Specifications subject to change in accordance with technical developments



Maintain a production rate of up to 112 tons/h (100 tonnes/hr) with the double-deck version while achieving the highest separation accuracy



The CS2500 is both versatile and efficient at sorting natural rock and building materials for recycling



Compact, lightweight and mobile: the CS2500 is quickly transported to any job site using a hook-hoist unit on a truck

This high-performance linear oscillation screen is extremely efficient at refining crushed aggregate from waste building material or natural rock, as well as round grains, to two standardized sizes. The CS3600/2 matches the powerful RUBBLE MASTER RM70 and RM80 crushers and delivers 100% screening accuracy even at the highest rate of production. The production output of this compact double-deck screen is optimized according to the angle of the screen, the mesh gap and the type of feed material. The unit requires very little maintenance because of its self-cleaning screen decks and features impressive discharge heights from the three conveyor belts. The screened grain conveyor belt is safely integrated into the framework of the machine and folds away hydraulically prior to transport. The CS3600/2 is easy to transport to the job site using a hook-hoist unit on a truck. Power is supplied to the screen from the crusher generator.

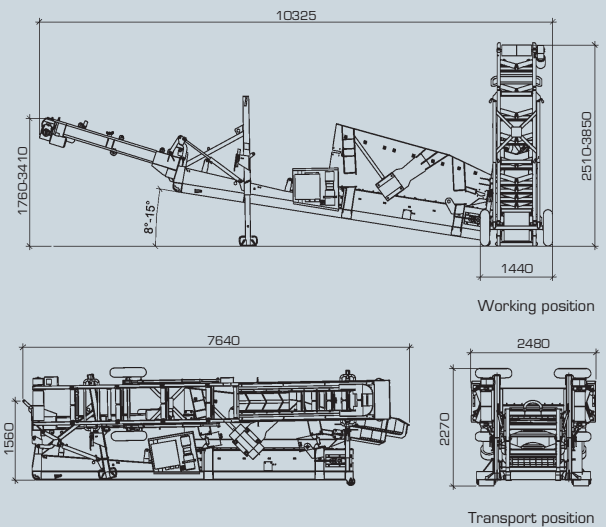


## CS3600/2 – THE COMPACT DOUBLE DECK FINAL SCREEN

### CS3600/2 - semi-mobile linear-oscillation final screen

production rate	up to 168 tons/hr (150 tonnes/hr), depending on screen angle, mesh size and feed material
feed material	crushed grains (rubble, concrete, asphalt, rock), round grains
feed material size	edges up to 2.75 in (70 mm) long
screening range	0.16 in to 1.6 in (0/4 to 0/40 mm)
transport system	by hook-hoist unit on truck
transport weight	7.1 tons (6.3 tonnes)
type	2 deck
screen box	screen length: 9 ft 11 in (3,000 mm) screen width: 3 ft 11 in (1,200 mm) screen angle: 8° - 15° (adjustable)
discharge belts	2 for oversized grain and 1 for screened grain screened grain belt, hydraulically-folding: axle spacing: 28 ft 9 in (8,760 mm) discharge height: 5 ft 10 in - 11 ft 3 in (1,760 - 3,410 mm)  drive power: 4.0 kW oversized material belt: axle spacing: 22 ft 5 in (6,835 mm) discharge height: 8 ft 3 in - 12 ft 8 in (2,510 - 3,850 mm)  drive power: 2.2 kW

Specifications subject to change in accordance with technical developments



Explore a wide range of profitable applications with this high-performance crusher and screen (e.g. production waste)



The CS3600/2 achieves excellent screening accuracy even at maximum production rate; the unit is highly efficient because of its self-cleaning screen decks



For recycling jobs or gravel pits, the CS3600/2 can be quickly transported and ready for action

The OS80 mobile oversized grain separator is the most cost-effective solution for producing standardized final aggregate in a single pass. Only one operator is needed and the feed material can be processed at the maximum production rate with minimal wear by either a RUBBLE MASTER RM70 or RM80 crusher. The patented OS80 is fitted to the crusher's discharge belt using quick-release levers, maintaining unrestricted movement of the crusher around the site. Three comb cascades reliably separate the defined aggregate. The return belt completes the closed-circuit system. The crusher/screen combination can be transported easily to the work site and is ready for operation within 20 minutes of its arrival. Power is supplied to the screen from the crusher generator.



## OS80 – DEFINED AGGREGATE IN A SINGLE PASS

### OS80 - mobile screen with return belt for oversized material

production rate 134.4 tons/hr (up to 120 tonnes/hr)  
 screening range 0.78 in to 2.6 in (0/20 to 0/65 mm)  
 transport weight OS80: 1543 lbs (700 kg);  
 RFB80: 1323 lbs (600 kg)  
 type 3 finger cascades, screen area 3 x 39.4 in  
 (1,000 mm) x 15.75 in (400 mm)

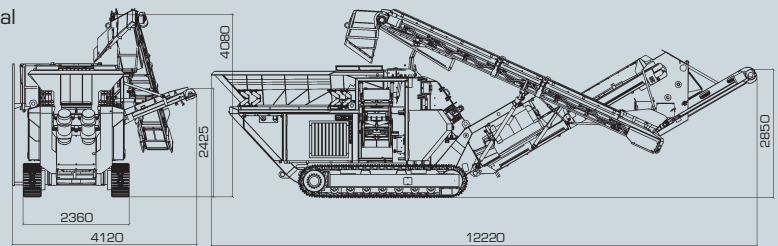
main dimensions length: 8 ft 7 in (2,600 mm)  
 width: 3 ft 9 in (1,120 mm)  
 height: 5 ft (1,510 mm)

discharge belt screened grain:  
 belt width: 32 in (800 mm)  
 length: 7 ft 7 in (2,300 mm)  
 discharge height: 9 ft 5 in (2,850 mm) [ RM80 ]  
 8 ft 7 in (2,600 mm) [ RM70 ]

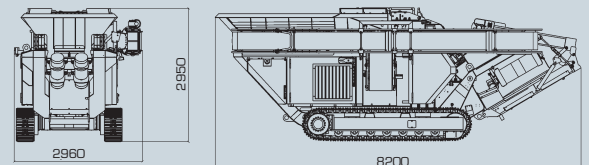
oversized grain:  
 belt width: 14 in (350 mm)  
 length: 6 ft 7 in (2,000 mm)  
 discharge height: 6 ft 3 in (1,890 mm) [ RM80 ]  
 5 ft 5 in (1,640 mm) [ RM70 ]

options return belt RFB70, RFB80:  
 width: 32 in (810 mm)  
 drive power: 2.2 kW

Specifications subject to change in accordance with technical developments



Working position OS80 RFB80



Transport position OS80 RFB80



Produce defined final aggregate in a single pass with a closed circuit – only one operator required



The OS-80 is the most cost-effective solution for grading material on-site, making it indispensable for road and rail projects



Achieve profit from mobility - the crusher and OS80 (including return belt) unit can be delivered with just one transporter

Together, the RM100 crusher and OS100 oversized grain screen form a mobile system to produce CE-certified cubic final aggregate in a standardized size – at the highest production rate with the least amount of wear on the machinery. The OS100 is fitted to the crusher's discharge belt using quick-release levers, ensuring unrestricted mobility of the crusher around the job site. Four comb cascades reliably grade the material to the defined aggregate size with the return conveyor belt creating a closed circuit system. Both machines can be transported easily to the work site and are ready for operation within 20 minutes of arrival. Power is supplied to the screen from the crusher generator.

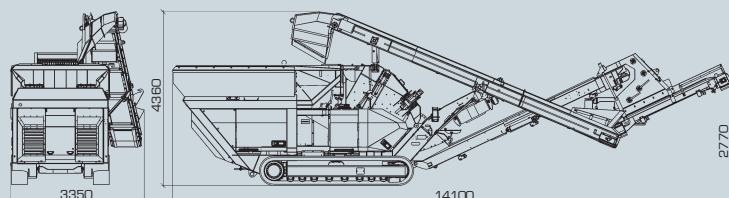


## OS100 – CE-CERTIFIED GRAIN ACHIEVED IN A SINGLE PASS

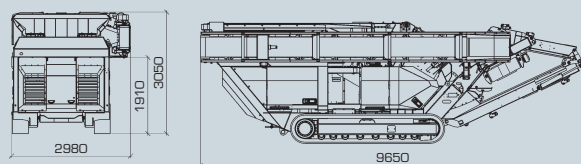
### OS100 - mobile screen with return belt for oversized material

production rate	up to 190.4 tons/hr (170 tonnes/hr)
screening range	0.78 in to 2.6 in (0/20 to 0/65 mm)
transport weight	OS80: 1.23 ton (1.1 tonnes), RFB80: 1.34 tons (1.2 tonnes)
type	3 + 1 finger cascades, screen area 4 x 3.7 ft (1,150 mm) x 15.75 in (400 mm)
main dimensions	length: 12 ft 3 in (3,740 mm) width: 7 ft 5 in (2,270 mm) height: 5 ft 9 in (1,750 mm)
discharge belt	screened grain: belt width: 48 in (1,200 mm) length: 9 ft 11 in (3,000 mm) discharge height: 9 ft 1 in (2,770 mm)  oversized grain: belt width: 20 in (500 mm) length: 6 ft 7 in (2,000 mm) discharge height: 6 ft (1,820 mm)
options	return belt RFB100: width: 3.6 ft (1,110 mm) drive power: 3.0 kW

Specifications subject to change in accordance with technical developments



Working position OS100 RFB100



Transport position OS100 RFB100



Low costs equal high profit - grade final aggregate in a single pass at maximum production with minimal wear



Excellent end-product quality for demanding applications; screen lines meet established standards



Having the RM crusher mounted on a crawler gear and paired with an oversized grain separator allows unrestricted mobility on-site

This crawler gear-mounted double-deck screen is a cost-effective solution for producing high-quality, defined aggregate. With its hydraulically folding feed hopper and oversized grain mesh, the TS3600 can also be fed directly by the powerful RUBBLE MASTER RM100 crusher. The RM power pack with oversized grain return enables production of three classified final aggregate sizes in a single pass. The long, hydraulically folding discharge belts can be infinitely adjusted up to a discharge height of 5.75 feet (3.5 meters). A single person can operate the screen and all maintenance work can be completed quickly and easily with ground-based service. The conveyor belts are folded hydraulically into the transport position when transporting the unit.

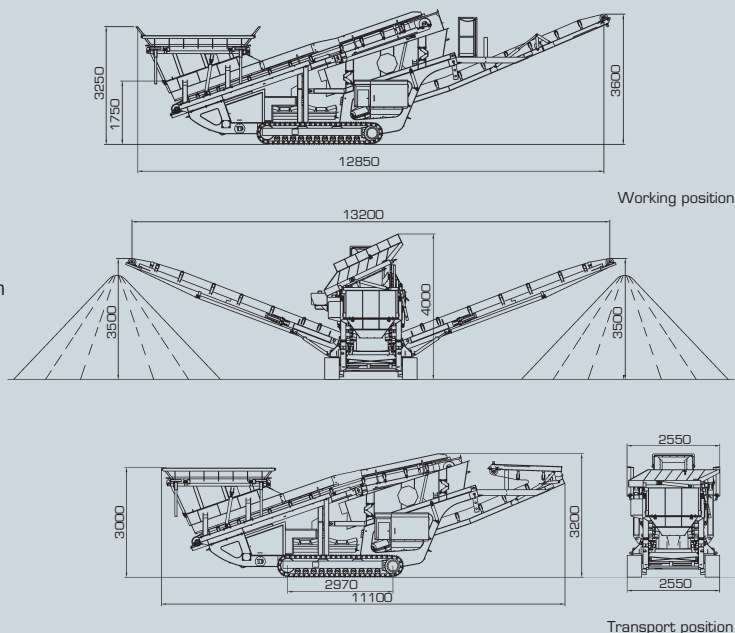


## TS3600 – THE MOBILE HIGH-PERFORMANCE SCREEN

### TS3600 - mobile twin-deck final screen with crawler gear

production rate	up to 224 tons/hr (200 tonnes/hr), depending on feed material
feed material	rubble, asphalt, concrete, natural rock
feed material size	edges up to 10 in (250 mm long)
screening range	0.16 in to 3.94 in (0/4 to 0/100 mm)
transport system	crawler gear
transport weight	17.4 tons (15.5 tonnes)
feed hopper	volume: 5 yd <sup>3</sup> (3.8 m <sup>3</sup> ) tilting pre-screen: separation at 4 in (100mm), hydraulically tilting mechanism (radio control optional)
	feed width: 10 ft 6 in (3,200 mm) feed height: 9 ft 11 in (3,000 mm)
screen box	screen length: 9 ft 11 in (3,000 mm) screen width: 4 ft 2 in (1,250 mm) screen angle: 20° to 25° hydraulically adjustable
	type: 2 deck
discharge belts	number: 3 (fine/medium/oversize grain), hydraulically-pivoting discharge height: up to 11 ft 5 in (3,500 mm)
power unit	diesel engine: 41.5 kW, 4-cylinder

Specifications subject to change in accordance with technical developments (Detailed product brochure available for TS3600)



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COMPACT RECYCLER

**HMH**

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