

Rubber Track Asphalt Paver

Cedarapids® CR662RM



KEY FEATURES

- 16.7-ton hopper capacity
- Patented Remix Anti-Segregation System
- Outboard spreading auger drive
- Front gear box remix auger drive
- Independently controlled delivery and spreading augers
- Patented frame-raise system
- Three-point suspension system
- Maximum paving width of 30 ft (9.1 m)
- Maximum paving depth of 12 in (305 mm)
- SMARTRAC rubber drive track
- MTV capability



Cedarapids® CR662RM

Optional Material Transfer Conveyor with an operating speed of 225 ft/min (68.6 m/min) and a maximum discharge height of 73.2 in (1859 mm)

Swing console for operation from either left or right side.

260 hp Tier 4i turbocharged diesel engine

Power tilt hood with cooling package

16.7 ton hopper capacity



Stretch 20® screed with electric heat is the most popular screed available.

SMARTRAC™
Self-adjusting rubber track

High alloy cast floor liners for superior wear life

■ *An Innovative Design, Capable of Handling a Wide Range of Paving Applications ...*

The BOMAG CR662RM Tier 4 Series paver delivers a high level of mat smoothness, operating reliability and machine performance. The exclusive Frame Raise, and Three-point Suspension give you what you need to lay the smoothest mats mile after mile.

The heavy-duty CR662RM paver delivers high production mainline paving with widths reaching 30 ft (9.1 m). and is equipped with a 260 hp (194 kW) Cummins Tier 4i compliant diesel engine. This CR662RM paver features a high degree of parts commonality which helps reduce service and repair times. Step up to the top level of asphalt pavers for improved performance and reliability.

■ Applications:

- Main line Paving
- High-production commercial applications



Remix system provides uniformity.

MTV OPTION

The CR662RM with MTV offer unique features that make it the most effective material transfer vehicle on the market.

CR662RM with MTV features

- Material is quickly channeled from the hopper to the conveyors, reducing temperature loss.
- A high 600 TPH (544 t/hr) transfer capacity establishes a continuous paving process
- MTV width of 128 in (32.5 mm)
- Operating speed of 225 ft/min (68.6 m/min)
- Max travel speed of 9.6 mph (15.5 km/hr)
- Multiple disc parking, spring on/pressure off brakes
- Rubber-track drive system allows use on all paving lifts
- A heavy-duty 50 hp (37.5 kW) motor powers each counter-rotating auger set for reliable, long service life
- 12 in (305 mm) diameter augers provide 42% more carrying capacity than the original Remix auger design
- Augers slope downward 2 in (50.8 mm) from front to rear, providing more efficient material flow and eliminating material build-up in the feed tunnel
- Conveyor swivels 55° left or right of center for off-set paving
- Conveyor width of 30 in (762 mm)
- Operational and shipping discharge heights from 73.2 in (1859 mm) to 115.8 in (2941 mm)

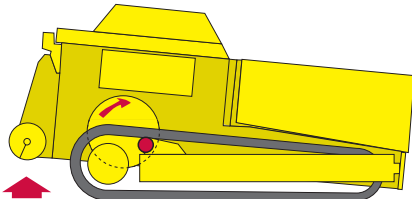
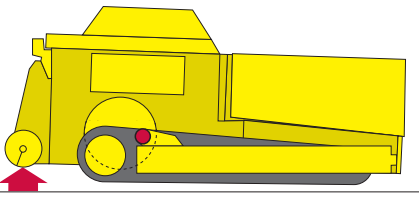


Frame Raise System

The BOMAG exclusive Frame Raise and Three-Point Suspension systems give you what you need to lay the smoothest mats.

- Simple rear frame height adjustment
- Prevents damage to paver components
- Easier loading and on-site maneuverability
- Maintains uniform head of material

Frame Raise also offers easier paver loading and unloading, increases on-site maneuverability and greatly reduces the possibility of damage to critical paver components.



Three-Point Suspension System

- Isolates frame movement for smoother mats
- Maintains a uniform head of material
- Provides superior traction
- Enhances texture and smoothness results

BOMAG Paver Advanced features

Track System:

The exclusive BOMAG Smartrac™ self-tensioning track system eliminates the need for manual track adjustments, extends track component life and significantly reduces detracking. The CR662RM paver features a replaceable 18 in (457mm) wide rubber track, delivering superior ride characteristics.

A wider track stance combined with an independent hydrostatic transmission drive that allows track counter-rotation delivers unsurpassed on-site maneuverability. Pivot-mounted, oscillating, rubber bonded bogie wheel assemblies offer more uniform load distribution, extended track component life and provide a smoother ride.

Outboard spreading auger drive:

This features minimizes center line segregation and temperature differential. Significant improvements in uniform density can be achieved across the full width of the mat. Typical top down cracking failures are also diminished.

Remix Anti-Segregation System:

The BOMAG patented Remix Anti-Segregation System, which re-blends material into a more homogeneous mix, results in uniform temperatures across the entire mat width.

- 16.7 ton (15 tonne)* full-capacity receiving hopper quickly accepts material from trucks without having to limit the flow of material from the truck.
- Variable-pitch auger design results in a differential drawdown of material along the entire shaft length, uniformly pulling from all areas of the hopper.
- Aggressively re-blends 100% of the material being drawn from the hopper through inter-leaving augers, mixing in a “figure eight” motion. Material then passes through a transfer conveyor pickup auger mounted at 90° to the remix auger before entering the transfer slats.
- Augers are positioned at or below hopper wing level for excellent truck clearance.

* Based on material density of 125 lb/ft³ (2002 kg/m³)

Technical Specifications

Cedarapids® CR662RM



Standard Equipment

- Turbocharged 260 hp Tier 4i diesel engine
- Power-tilt hood with radiator
- Patented Remix Anti-Segregation System
- Lockout/tagout capable E-stop and master electrical switch
- Fume-recovery system
- Accessible filter locations
- All-welded mainframe construction
- Adjustable spreading auger height
- Outboard spreading auger drive
- Front gear box remix auger drive
- Independently controlled delivery and spreading augers
- Reinforced, sealed, tilting hopper wings with beveled corners
- Hydraulically adjustable screed vibrators
- Hydraulic power crown control
- Adjustable material retaining plates
- Smartrac self-tensioning track system
- Wide stance improves maneuverability
- Crawler-mounted Three-Point suspension
- Oscillating bogie wheel assemblies
- Independent hydrostatic drive for each track
- Replaceable rubber tracks
- De-tracking warning light
- Electric-over-hydraulic steering wheel control
- Operator's umbrella
- 30 ft hose reel for spray-down
- Back-up alarm

Mandatory Options (Select only one)

- Oscillating push rollers **or** Truck hitch

Optional Paver Equipment

- Stretch® 20 screed with electric or oil heat
- Fastach® 10 screed with electric or oil heat
- Grade and slope control
- Multi-foot grade reference system
- Sonic averaging systems
- Bevel guide plates
- Cutoff shoes, 12" and 24" sections
- 500-hour filter kit
- Screed extensions
- Up time kit

Optional MTV Equipment

- 6 kW generator
- 34 kW generator (Stretch® 20 screed)
- Hopper insert
- Longer swing conveyor with counter weight - 52" (1321 mm)

Technical Data

Paver

Paver width	in (mm)	124 (3150)
Paving width (max)	ft (m)	30 (9.1)
MTV width.....	in (mm)	128 (3250)
Paving depth (max)	in (mm)	12 (305)
Paving speed (max).....	ft/min (m/min)	225 (68.6)
Travel speed (max).....	mph (kmph)	9.6 (15.5)
Rubber Belt Track	in (mm)	18 x 160 (457 x 4064)
Brakes		multiple disc parking

Weights*

Tractor	lbs (kg)	36200 (16420)
with Fastach® 10	lbs (kg)	40200 (18234)
with Stretch® 20	lbs (kg)	44100 (20003)
with standard conveyor	lbs (kg)	54860 (24884)

Engine

Make/Model	Cummins
Type	QSB6.7
Tier Compliance	Tier 4i
Performance	260 (194) hp (kW)
Speed	2200 rpm
Electrical	12 V

Capacities

Diesel fuel	gal (l)	72 (273)
Hydraulic oil	gal (l)	75 (284)
Cooling system.....	gal (l)	6.5 (25)

Spreading Auger Sections

Construction	Cast, high alloy	
Diameter	in (mm)	16 (406)
Thickness	in (mm)	0.625 (16)

Hopper

Length and width.....	in (mm)	90 (2286) x 119 (3013)
Volume.....	ft ³ (m ³)	267 (7.56)
Capacity.....	tons (tonnes)	16.7 (15)*
Capacity (Hopper + Conveyors)	tons (tonnes)	38 (34.5)*
Surge capacity with hopper insert.....	tons (tonnes)	43 (39)*
Feed tunnel width (each).....	in (mm)	30 (762)
Remix augers (diameter).....	in (mm)	12 (305)
Auger thickness	in (mm)	0.625 (16)
Trough liner thickness	in (mm)	0.375 (9.5)

Screed

Screed plate thickness	in (mm)	0.5 (12.7)
Positive crown (hydraulically powered)	in (mm)	3 (76)
Negative crown (hydraulically powered)	in (mm)	1 (25)
Vibrations per minute (max)		3000

Screed Heaters

Stretch® 20 (electric heat) generator.....	kW	34
Stretch® 20 (four oil heaters) 274000 BTU (total).....	gph (lph)	2 (7.6)
Fastach® 10 (electric heat) generator	kW	34
Fastach® 10 (two oil heaters) 178000 BTU (total).....	gph (lph)	1.3 (4.9)

Technical modifications reserved. Machines may be shown with options. Weights are based on average shipping weights.
 * Based on material density of 125 lb/ft³ (2002 kg/m³)

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