

RM300

Rotary Mixer

Save costs and time while making the most of in-place materials.



Easy Use

- Simple instrumentation
- Controls conveniently positioned, easy to use, allow one-handed operation
- Display alerts operator to potential problems
- Low training costs

Excellent Visibility

- Cab or operator's platform slides left and right to optimize sight lines
- Direct visibility to rotor housing and discharge material
- Operator able to align cut on left or right side

Easy Service

- Most maintenance items within reach from the ground
- Cooling fan easy to clean
- Easy access to hydraulic components
- Electronic Control Module (ECM) monitors engine and systems performance, alerting operator to performance issues and providing information for troubleshooting
- High parts availability, convenient dealer locations



Dependable Rotor Drive System

- Automatic lubrication of rotor bearing
- Cat® Powershift transmission with hydraulic clutch
- Mechanical rotor drive system
 - Self-lubricating chain drive never needs adjustment
 - Heavy-duty shear disc or optional torque limiter protects rotor drive

Reliable, Efficient Operation

- Cat C11 Engine with ACERT™ Technology
- Optional all-wheel drive and four steering modes provide maximum traction and mobility even in poor conditions

Superior Mix Quality

- Rotor options for any task
- Three rotor speeds, selected electronically
- Electronic machine control keeps rotor at proper depth and machine at consistent speed, ensuring optimal blending performance

Optional Water Pump or Emulsion Pump System

- Simplifies the incorporation of water or additives to materials
- Improves blending performance
- Ensures proper proportions to meet material design specifications



RM300 Rotary Mixer Specifications

Operating

Weight, with Universal 16" rotor*	24 454 kg	53,911 lb
Weight, with Universal 18" rotor*	24 729 kg	54,511 lb
Weight, with Combination rotor*	23 404 kg	51,596 lb
Weight, with Spade rotor*	22 685 kg	50,011 lb
Length	10 m	32' 10"
Maximum Width	3 m	9' 10"
Height at ROPS	3.37 m	11' 1"
Cutting Width	2438 mm	96"
Maximum Rotor Depth	508 mm	20"



Universal 16, 18

Cat C11 Engine with ACERT™ Technology

Rated Power	261 kW	350 hp
Operating Speed	4.3 km/h	2.7 mph
Travel Speed	9.7 km/h	6.0 mph



Combination

Optional Emulsion and Water Spray Systems - volume range per minute

Emulsion Pump	114 - 757 liters	30 - 200 U.S. gal
Water Spray Pump		
High Range	227 - 1836 liters	60 - 485 U.S. gal
Low Range	114 - 1079 liters	30 - 285 U.S. gal



Spade

Rotor	Width	Diameter	Tools	Max. Depth
Universal 16"	2438 mm (96")	1375 mm (54")	200	406 mm (16")
Universal 18"	2438 mm (96")	1525 mm (60")	200	457 mm (18")
Spade	2300 mm (90.6")	1575 mm (62")	58	457 mm (18")
Combination	2438 mm (96")	1625 mm (64")	114	508 mm (20")

* Operating Weights are approximate and include ROPS, Cab option, coolant, lubricants, full fuel tank and 75 kg (165 lb) operator.

The Cat® Advantage - Single Source Provider

	Cat Dealer	Competitive Dealer	Comment
Convenient worldwide dealer locations	✓		More than our 5 largest competitors combined
Engine service	✓		Cat machines feature Cat engines
Machine service	✓	✓	
Service technician trained for paving equipment	✓		Cat technicians trained on Cat machines
24/7/365 parts availability on most service parts	✓		Long lead times for competitive OEM parts
New OEM parts	✓		Competition offers inferior aftermarket parts
Reconditioned OEM parts	✓		Rebuilt to OEM spec by Cat Reman
Available financing options	✓		Available through Cat Financial
Application expertise	✓		Personnel understand the paving business
Machine rental	✓		Keeps your capital expense low
Products with high resale value	✓		Durable Cat machines built to last

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

QEXQ1513-01 (08-11)

© 2011 Caterpillar
All Rights Reserved

Materials and specifications are subject to change without notice.
Featured machines in photos may include additional equipment.
See your Cat dealer for available options.

CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

