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
- 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

| • | | |
|---|----------|--|
| o | perating | |
| · | poluting | |

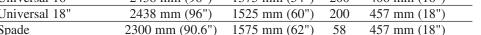
| Weight, with Universal 16" rotor* | 24 454 kg | 53,911 lb |
|-----------------------------------|-----------|-----------|
| Weight, with Universal 18" rotor* | 24 729 kg | 54,511 lb |
| Weight, with Combination rotor* | 23 404 kg | 51,596 lb |
| Weight, with Spade rotor* | 22 685 kg | 50,011 lb |
| 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" |
| | | |

| 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 | | |



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|------------------|-------------------|-------------------|
| 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 |

| 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") |





Universal 16, 18



Combination



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 | ~ | V | |
| Service technician trained for paving equipment | ~ | | Cat technicians trained on Cat machines |
| 24/7/365 parts availability on most service parts | V | | 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 | V | | 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

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

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