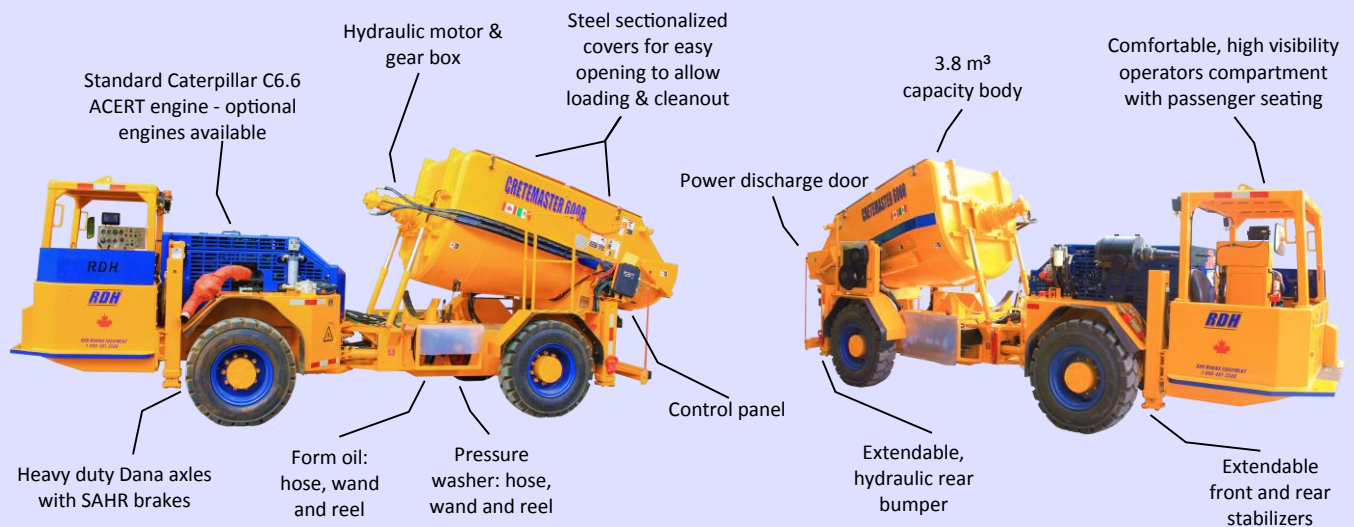


# CRETEMASTER 600R-TL

CM600R CONCRETE AGITATOR-REMIXER - UTILITY

TECHNICAL SPECIFICATION

**CRETEMASTER 600R-TL** is a robust, safe, fast, and reliable concrete agitator-remixer vehicle designed with a full sweep agitator-remixer for the rapid delivery of concrete in demanding underground applications.



The robust and reliable four-wheel drive, articulated Cretemaster 600R-TL consists of a power-shift transmission powered by a choice of diesel engines connected to heavy-duty Dana axles. The rugged frame and articulated carrier make the Cretemaster 600R-TL a very durable and extremely maneuverable unit even in the tightest situations. Incorporating a full sweep agitator-remixer the Cretemaster 600R-TL provides a faster, safer, more efficient means of placing concrete.

## FEATURES:

- Full sweep agitator-remixer with flexible wipers & hydraulic drive for discharge without hoisting
- Heavy duty hydraulic motor
- Direct drive bi-rotational agitator for transit or discharge
- Power operated gate & body vibrator to ensure complete cleanout
- Body hoists for easy washout
- Pressure washer system with hose, reel, and wand
- Articulated heavy duty frame proven to withstand impacts and stresses of mining application
- Hydraulic extendable rear bumper

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## SPECIFICATIONS:

### CONCRETE SYSTEM

Body capacity	3.8 m <sup>3</sup> (5 yds <sup>3</sup> )
Body, gross volume	4.6 m <sup>3</sup> (6 yds <sup>3</sup> )
Agitating speed	3-6 rpm
Mix speed	16-24 rpm
Direct drive bi-rotational agitator, full sweep	
Hydraulic drive for discharge	
Heavy duty hydraulic motor	
Abrasive resistant steel body	
Body vibrator	
Power operated rear gate	
Two hoist cylinders	
Steel sectionalized covers with hinges & latches	

### MISCELLANEOUS

Central grease point – manual
Standard gauges and instrumentation
ANSUL fire suppression system - manual
Copy of Parts/Operator/Service manuals
Passenger seating
Suspension seating (operator/passenger)
ROPS/FOPS certified canopy
Hydraulic driven air compressor
Articulated heavy duty frame

### ENGINE

Cat® C6.6 ACERT, inline 6, 4 stroke cycle, diesel	
U.S. EPA Tier 3, EU Stage III A	
Power rating @ 2200 rpm	158 kW / 212 hp
Compression Ratio	16.5:1
Displacement	6.6 L (402.8 in³)
Exhaust: catalytic purifier with silencer	
Fuel tank volume	227 L

### TRANSMISSION

Dana powershift, 32000 series
4 speeds forward and reverse
4 wheel drive

### AXLES

Dana 113, planetary type	
Oscillation (rear axle)	$\pm 7^{\circ}$

### BRAKES

Service: wet disc (integrated), internal SAHR
Emergency & parking: SAHR

### TIRES

Mine type, 10.00 – 20
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### STEERING

Hydraulic, articulated	
Steering angle	+ 38°

### HYDRAULICS

Body	170 bar, 190 L/min/2200 rpm
Steering	152 bar, 76 L/min/2200 rpm
Hydraulic oil tank volume	227 L

### ELECTRICAL SYSTEM

24 V	
Battery	2 x 12 VDC
Tramming/working LED lights	4 front / 4 rear
Brake lights	2 rear
Horn & reverse alarm	



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**CRETEMASTER 600R-TL**

UTILITY EQUIPMENT

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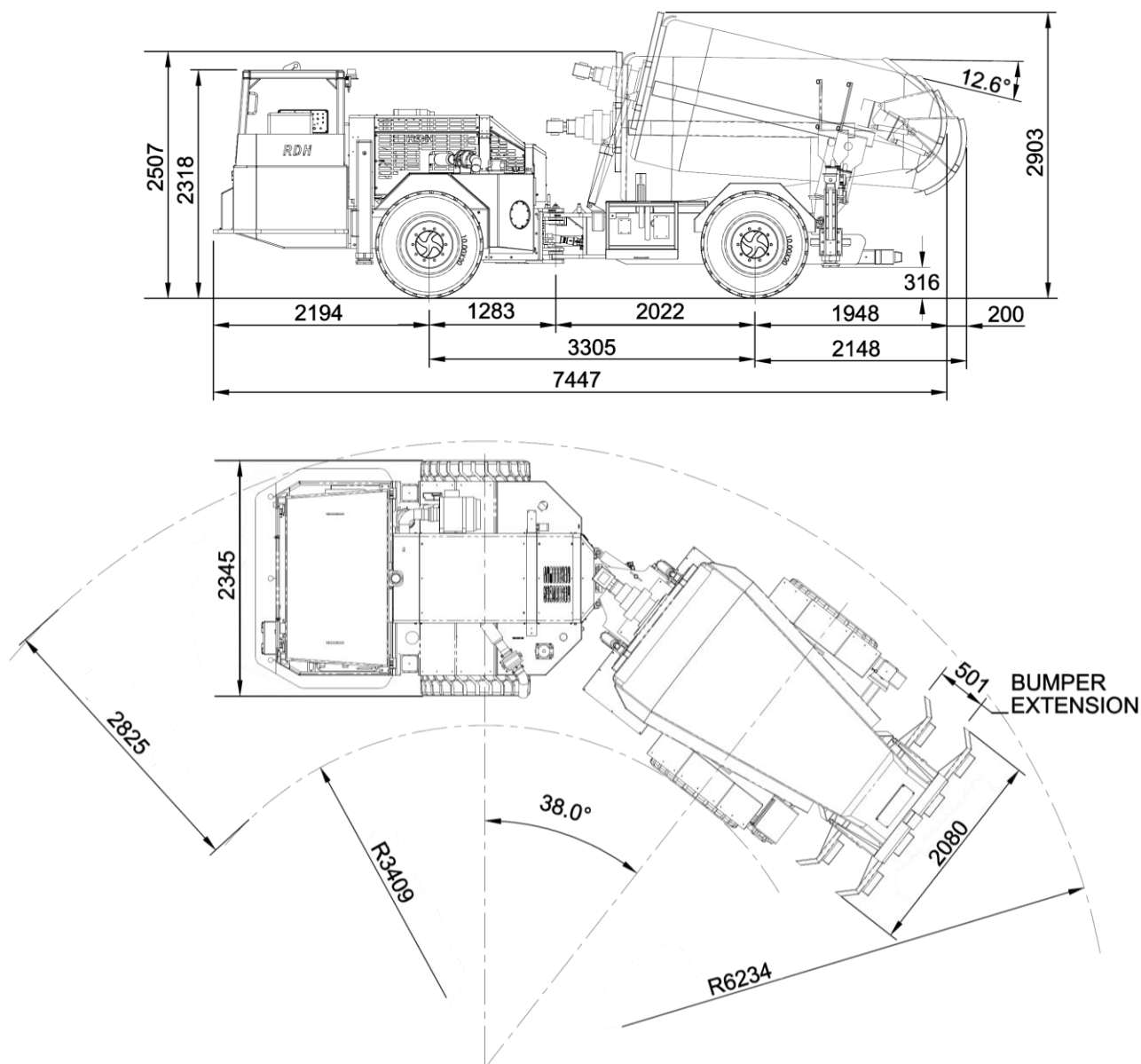
#### OPTIONAL EQUIPMENT

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Various engine makes/models	Hydraulic extendable rear bumper
Various body capacities	Wheel chocks
Pressure washer, wand, reel	Form oil system, wand, reel
Rear and front stabilizers	ROPS/FOPS approved enclosed cabin
24 V hydraulic oil transfer pump	Air ride seating (operator/passenger)
Fast fill system	Driver door interlock
Cold weather package	ANSUL Checkfire fire suppression system
Strobe light	Camera system
Exhaust system wrap	Automatic centralized lubrication system
Solid or foam filled tires	Midship or front seated operator cabin
Remote brake release for towing	Other options available upon request

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## MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width	2345	92	Inside turning radius	3490	134
Height – drum lowered	2507	99	Outside turning radius	6234	245
Height – drum raised	2903	114	Ground clearance – standard	355	14
Length	7447	293	Ground clearance – ext. bumper	316	12
<b>WEIGHT</b>					
	kg	lbs			
Total	11170	24624			

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