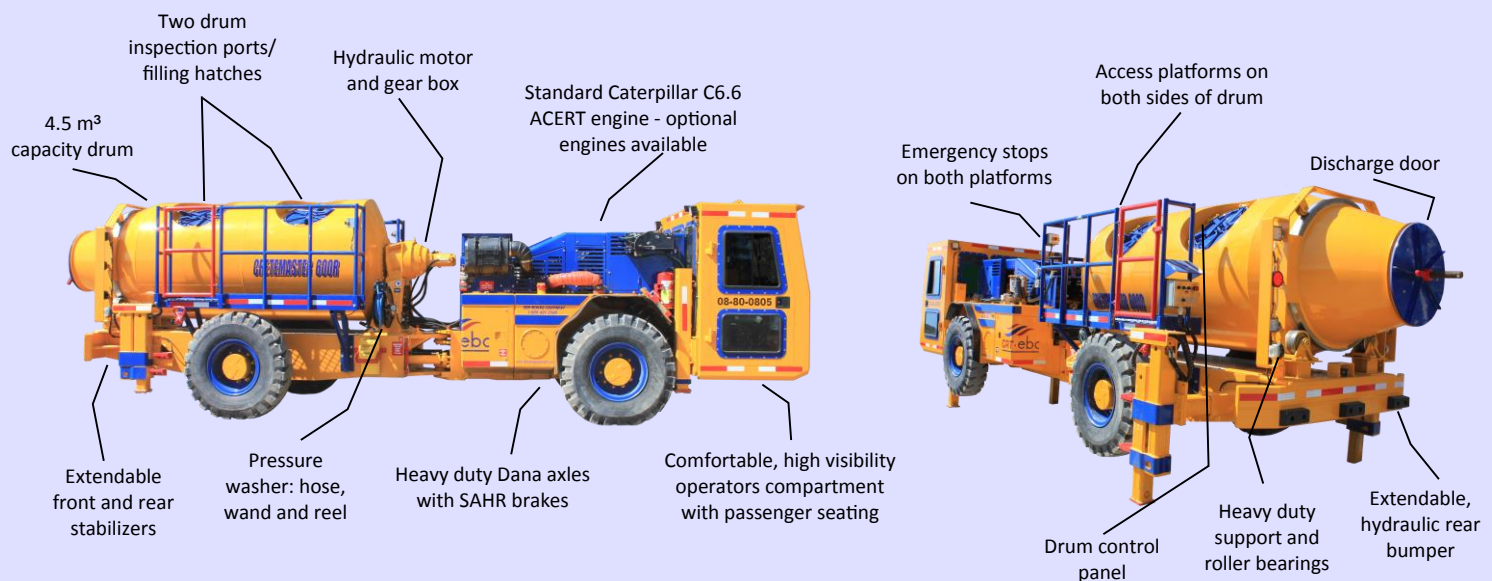


CRETEMASTER 600R

CM600R CONCRETE REMIXER VEHICLE - UTILITY

TECHNICAL SPECIFICATION

CRETEMASTER 600R is a robust, safe, fast, and reliable concrete remixer vehicle designed for the rapid delivery and mixing of concrete in demanding underground applications.



The robust and reliable four-wheel drive, articulated Cretemaster 600R 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 a very durable and extremely maneuverable unit even in the tightest situations. Incorporating an efficient and reliable concrete remixer system, the Cretemaster 600R provides a faster, safer, more efficient means of placing concrete.

FEATURES:

- Abrasive resistant mixing drum for extended working life
- Two heavy duty support bearings and two roller bearings
- Adjustable rotating speed from 0 to 13 rpm
- Hydraulically controlled mixing and unloading
- 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

SPECIFICATIONS:

CONCRETE DRUM

Maximum transportation capacity 4.5 m³ (5.9 yds³)
 Drum volume 5.2 m³ (6.8 yds³)
 Hydraulically operated mixing and loading
 Adjustable rotation speed in both directions 0-13 rpm
 Abrasive resistant steel drum
 Two round filling hatches
 Aluminum rear hatch
 Heavy duty support bearings (2)
 Heavy duty roller bearings (2)

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) ± 7°

BRAKES

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

TIRES

Mine type, 12.00 – 20

STEERING

Hydraulic, articulated
 Steering angle ± 38°

HYDRAULICS

Drum 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

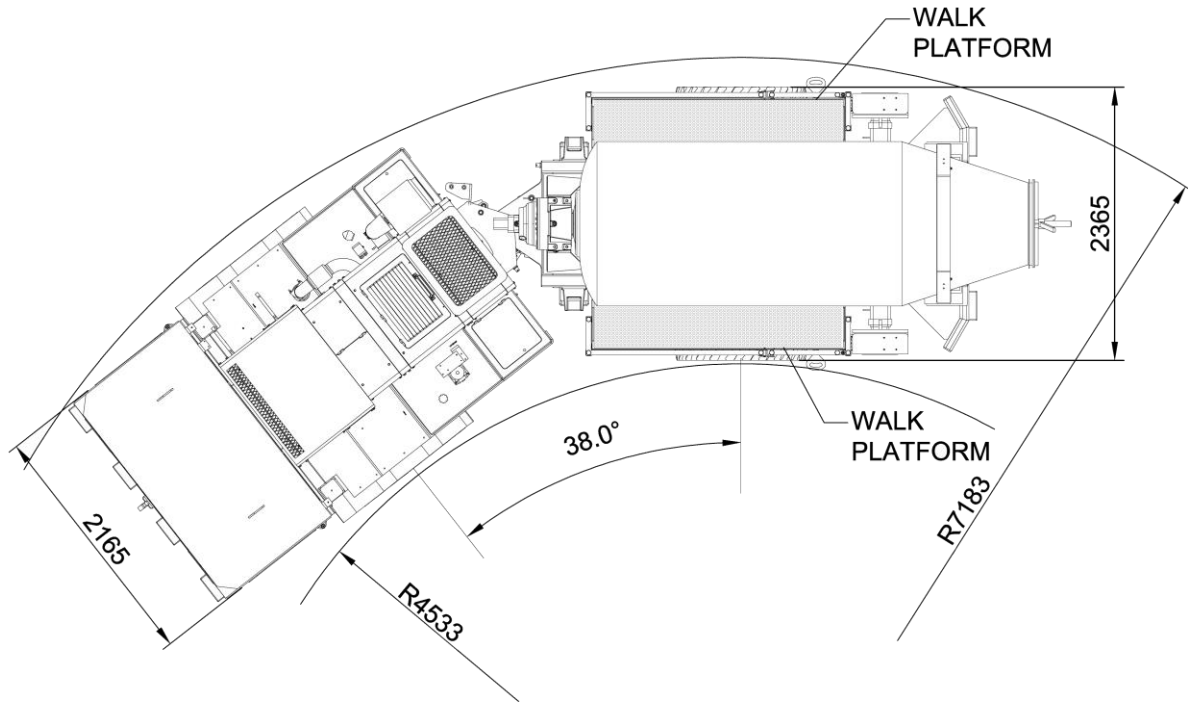
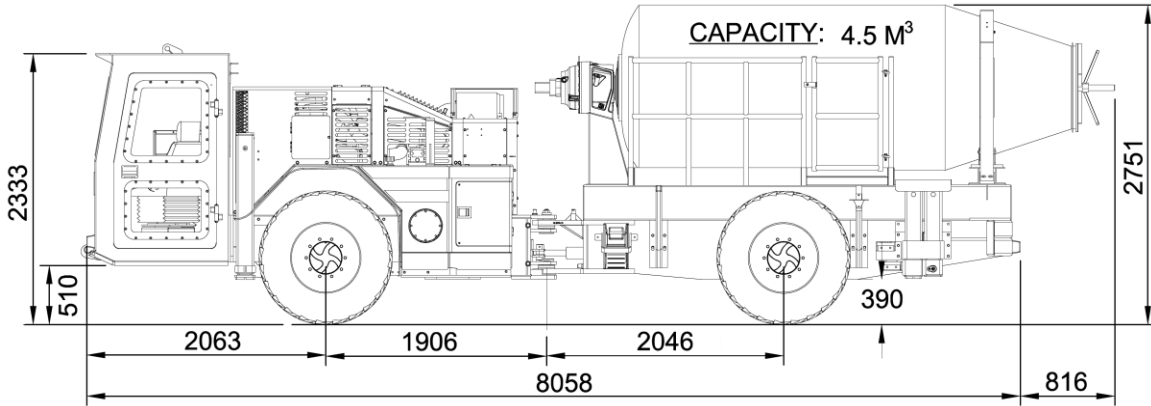


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OPTIONAL EQUIPMENT

Various engine makes/models	Hydraulic extendable rear bumper
Various drum 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

MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width	2365	93	Inside turning radius	4533	178
Height –drum	2751	108	Outside turning radius	7183	283
Ground clearance	390	15			
Length	8058	317			
WEIGHT		kg	lbs		
Total	15960	35186			

All weights, dimensions, and other data reflect a standard unit unless otherwise stated. RDH reserves the right to change specifications and equipment without notice. Consult RDH Mining Equipment sales representative for specific information.