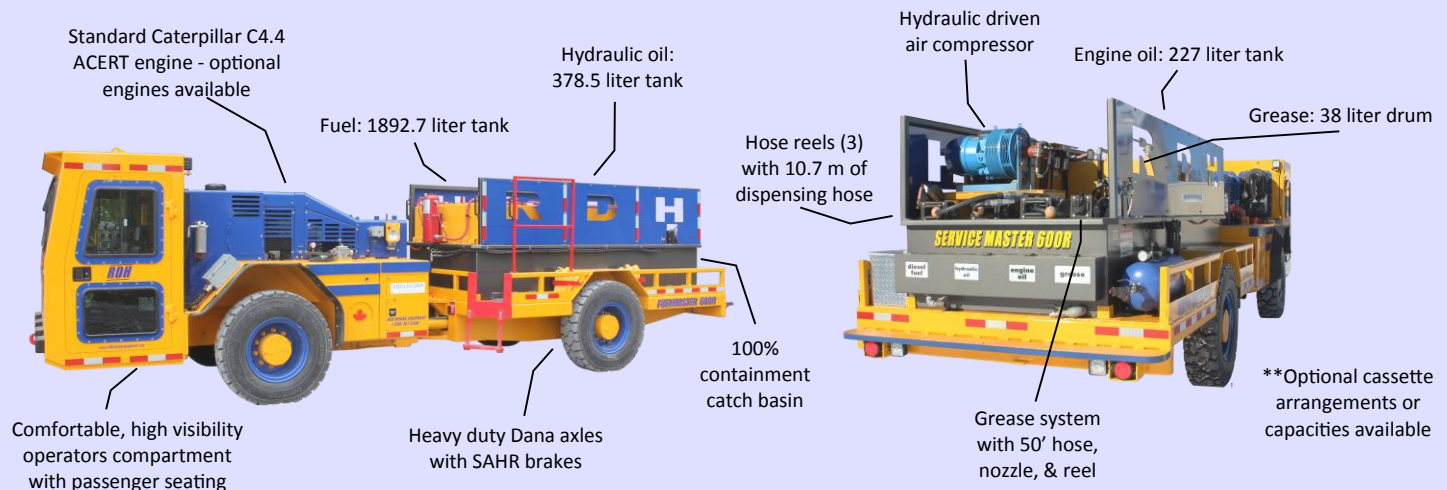


SERVICEMASTER 600R

SM600R FUEL LUBE SERVICE VEHICLE - UTILITY

TECHNICAL SPECIFICATION

SERVICEMASTER 600R is a robust, safe, fast, and reliable fuel lube service vehicle designed for the rapid movement of materials and services in demanding underground applications.



The robust and reliable four-wheel drive, articulated Servicemaster 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 Servicemaster 600R a very durable and extremely maneuverable unit even in the tightest situations. Incorporating an efficient and reliable grease/fuel/fluid delivery system, the Servicemaster 600R provides high speed and mobility for the timely delivery and dispensing of fuels, oils, and lubricants ensuring materials are readily available for production.

FEATURES:

- Heavy duty reservoirs with baffles and inspection covers
- 1892.7 liter (500 gallon) fuel reservoir
- 378.5 liter (100 gallon) hydraulic oil reservoir
- 227 liter (60 gallon) engine oil reservoir
- 38 liter (10 gallon) grease drum
- Dispensing hoses, reels, delivery systems for all reservoirs
- Catch basin to contain and prevent spills comes with drain valves for fluid removal
- Grounding reel with cable and clamp
- In-line fuel and oil filters

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SPECIFICATIONS:

FLUID RESERVOIRS

Fuel, volume	1892.7 liter (500 gallon)
Hydraulic oil, volume	378.5 liter (100 gallon)
Engine oil, volume	227 liter (60 gallon)
Grease, volume	38 liter (10 gallon)

FUEL DELIVERY SYSTEM

Warren Rupp, UL approved, pneumatic, double diaphragm pump with filter, regulator, lubricator	
Pump capacity	0-170 liters per minute (0-45 gallons per minute)
Anti-static grounding cable on retractable reel	
10.7 m (35') hose & reel with splash fill nozzles	

FLUID DELIVERY SYSTEM

Fluids	Hydraulic oil, engine oil
Warren Rupp, UL approved, pneumatic, double diaphragm pump with filter, regulator, lubricator (2)	
Pump capacity	0-170 liters per minute (0-45 gallons per minute)
10.7 m (35') hose & reel with splash fill nozzles (2)	

GREASE DELIVERY SYSTEM

Lincoln, pneumatic pump, drum cover & follower plate	
Delivery output	574 cm ³ /min (35 in ³ /min)

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	

ENGINE

Cat® C4.4 ACERT, inline 4, 4 stroke cycle, diesel	
U.S. EPA Tier 3, EU Stage III A	
Power rating @ 2200 rpm	66-129 kW/88-174hp
Compression Ratio	16.5:1
Displacement	4.4 L (268.5 in ³)
Exhaust: catalytic purifier with silencer	
Fuel tank volume	237.5 L

TRANSMISSION

Dana powershift, 20000 series	
3 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, 10.00 – 20	
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STEERING

Hydraulic, articulated	
Steering angle	± 37.5°

HYDRAULICS

Steering and compressor	
170 bar, 190 L/min/2200 rpm	
Hydraulic oil tank volume	230 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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SERVICEMASTER 600R

UTILITY EQUIPMENT

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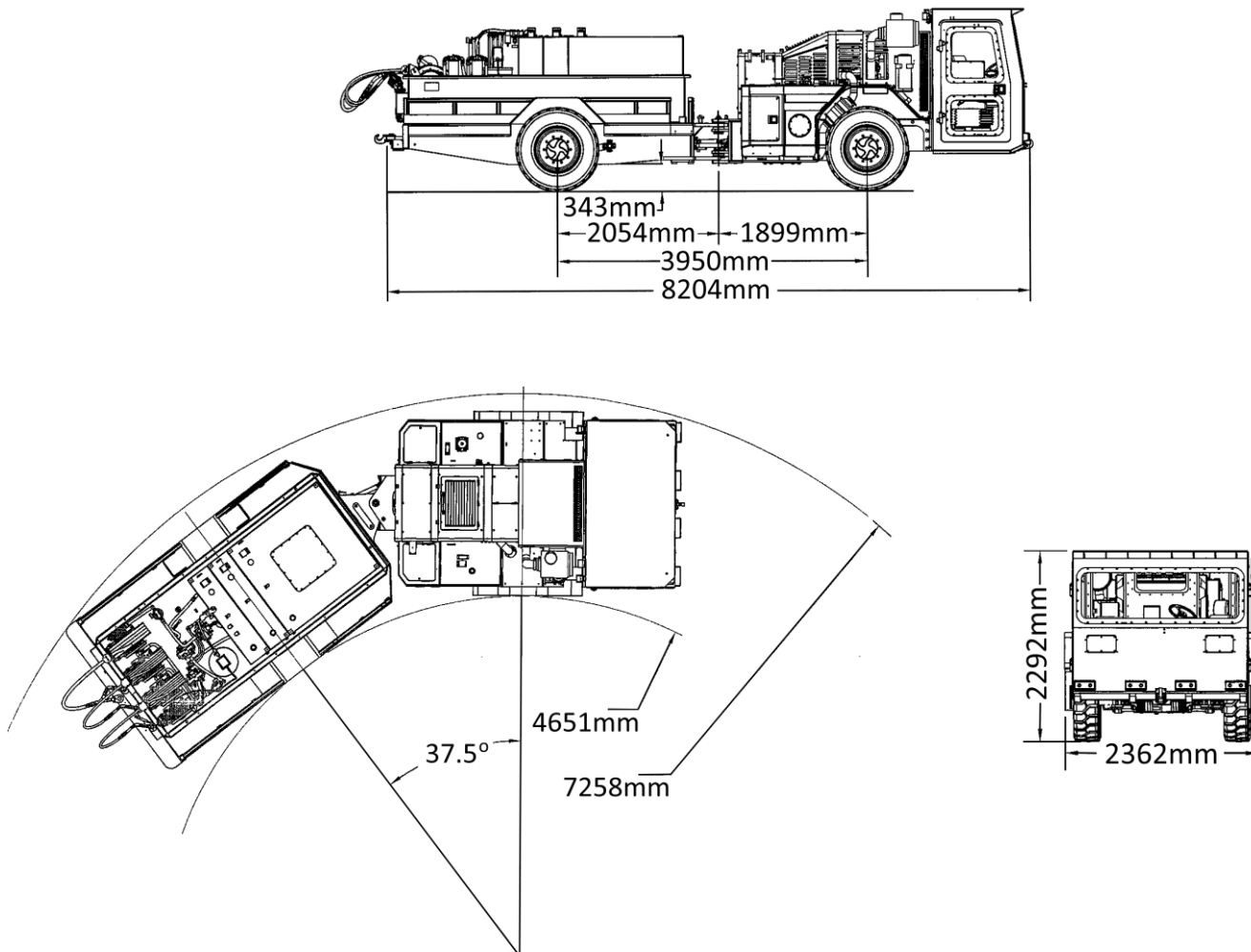
OPTIONAL EQUIPMENT

Various engine makes/models
Automatic centralized lubrication system
24 V hydraulic oil transfer pump
Fast fill system
Cold weather package
Strobe light
Swivel seat
Exhaust system wrap
Solid or foam filled tires
Other options available upon request

Various cassette configurations
Wheel chocks
ROPS/FOPS approved enclosed cabin
Driver door interlock
ANSUL Checkfire fire suppression system
Camera system
Air ride seating (operator/passenger)
Midship or front seated operator cabin
Remote brake release for towing

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MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width	2362	93	Inside turning radius	4651	183
Height –canopy	2292	90	Outside turning radius	7258	286
Ground clearance	343	13.5			
Length	8204	323			
WEIGHT					
	kg	lbs			
Total	14850	32738			

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