

**TECHNICAL DATA SHEET – 100 bar High Pressure Fire Fighting unit  
ref. VIRHP 200**

A SIDES Superstructure designed installed on a TOMCAR 4x2 chassis

**TOMCAR TM57RL**

**SAFETY**

Fully welded roll cage and frame. ROPS certified.  
Low seating angle for maximum Occupant restraint.  
Four point safety harnesses.  
Aircraft grade aluminum skid plate protects the underside of the vehicle.

**ENGINES**

Gasoline 1000cc, Fuel Injected, 4 Cylinder, 16 valves, Liquid Cooled

**TRANSMISSION**

Automatic 'V'Belt CVT  
Final drive: Doubler Roller Chains Encases in an Oil Bath  
High - Low - Reverse Transfer Case  
Differential Lock

**FUEL TANKS**

One 7 Gallon (26 Liters)

**SUSPENSION**

4 Wheel Independent Suspension  
Front: FOX Podium Shocks, Heavy Duty Double Wishbone; 13.0" (342mm) Travel  
Rear: FOX Podium Shocks,,Heavy Duty Trailing Arm; 13.5" (330mm) Travel  
Adjustable Dual-Coil Over Gas-Hydraulic Shocks  
Pneumatic Load Compensators (Optional on TM5 model only)  
15" (371mm) Ground Distance

**STEERING**

Rack and Pinion, adjustable, 1.6 turns

**TIRES/WHEELS**

Front: 25x8-12, 6 PLY, AT Tread // Rear: 26x12-12, 10 PLY, AT Tread  
Aluminum Rims

**ELECTRICAL**

12V 500 CCA Battery  
45A/65A/70A Alternator \*  
Horn  
12V Power Socket  
LED Tail lights. Turn and Brake Lights

**BRAKES**

4 Wheel Power Assisted Disc Brakes \*

**INSTRUMENTATION** - Digital Display Panel

Speedometer, Odometer, Voltmeter, Fuel, Temperature, Low Oil Pressure, Turn Signal, High/Low Beams



**TM5**



Length:	135"	(341cm)
Width:	70"	(178cm)
Height:	67"	(169cm)
Wheel Base:	101"	(256cm)
Payload:	Diesel	1,200 lbs (545 Kg)
	Gas	1,000 lbs (454 Kg)
Towing Load:	1,894 lbs	(861 Kg)
Cargo Box:	66" x 53"	168 cm x 134 cm
Dry Weight:	1,848 lbs	(840Kg)



**Véhicules anti-incendie et de secours  
Fire-fighting and rescue vehicles**

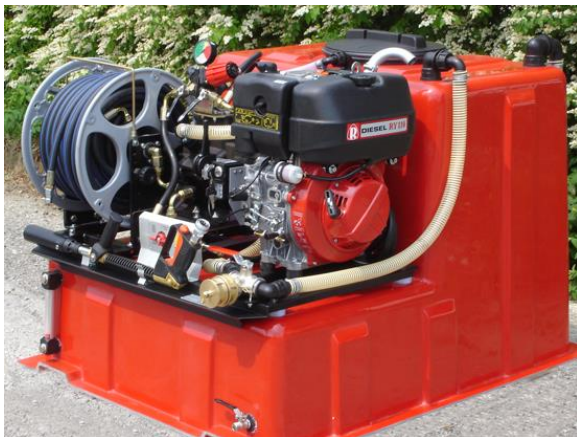
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Main characteristics of the SIDES firefighting system :

(picture of ATV not contractual => )

- Petrol engine Briggs & Stratton VANGUARD 18 hp, electric starter + manual, fuel tank
- High Pressure piston pump : pressure 100 bar @ 42 litres/min
- Proportioning system, with manual adjustment 1% - 3% - 6%
- Water tank : 180 litres, foam tank 20 litres
- One hose reel, manual rewind, fitted with 50m hose and branchpipe
- The HP unit is built on a skid and covered by a tubular structure
- One rotating red beacon on top of the main structure
- Accessories : first aid kit, 6kg fire extinguisher.



(picture of ATV not contractual)