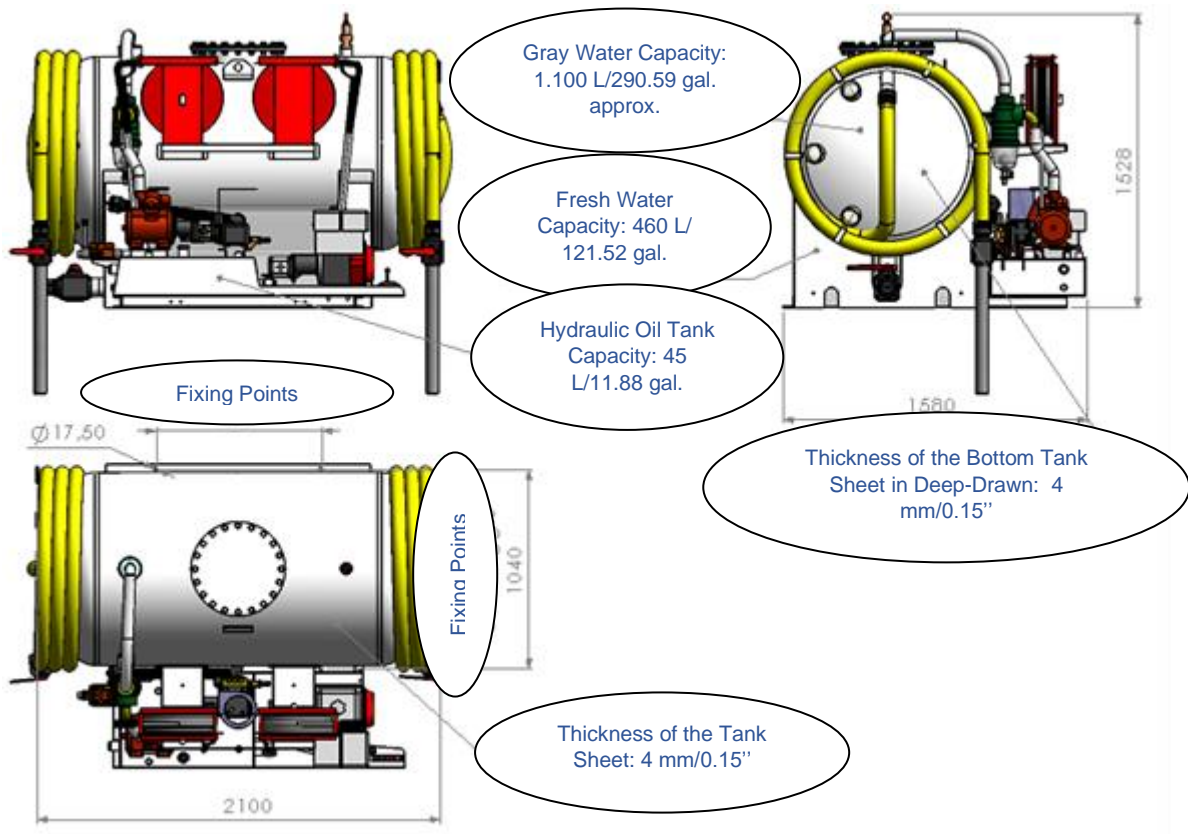
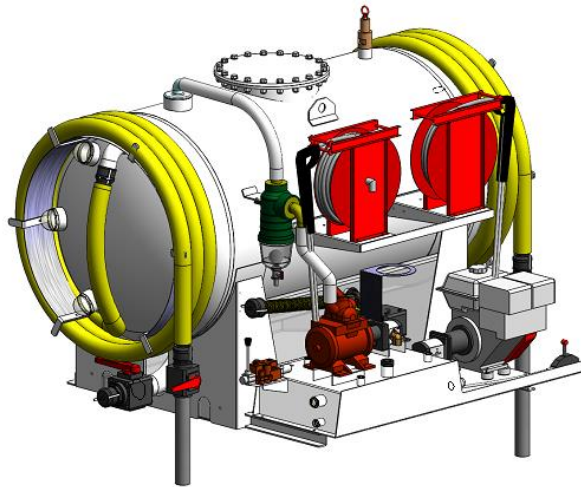


## Technical Data Sheet Armal SUN 1100T M1 Vacuum Tank Unit



**DESCRIPTION:** Engine Driven Vacuum Tank Unit with Hydraulic System / Transversal positioning with 1.100 L/290.59 gal. gray water tank capacity and 460 L/121.52 gal. fresh water tank capacity (purchase item No. 1100TM1).



## Technical Data Sheet

### Armal SUN 1100T M1 Vacuum Tank Unit

#### SPECIFICATIONS:

Height (max.)	1.530 mm / 60.23"
Width (max.)	2.100 mm / 82.67"
Length (max.)	1.580 mm / 62.20"
Diameter	1.000 mm / 39.37"
Gray water capacity	1.100 L / 290.59 gal. approx.
Fresh water capacity	460 L / 121.52 gal. approx.
Weight in running order	710 kg / 1565.28 lb.
Length of the gray water suction hose	9,50 m / 374.02"
Length of the washing hose	10 m / 393.70"
Hydraulic oil tank capacity	45 L (40 kg) / 11.88 gal. (88.18 lb.)
Sanitary concentrate tank capacity	5 L / 1.32 gal.
Water pump max. performance (mod. AR XM15.15N)	15 L/min. / 3.96 gal./min. – 150 bar / 2175.57 psi @ 1.450 rpm
Vacuum pump with blades max performance (mod. BP MEC1600P)	1.980 L/min. / 523.06 gal./min. (air)@1.400 rpm
Thickness of the tank sheet	4 mm / 0.15"
Thickness of the bottom tank sheet in deep-drawn	4 mm / 0.15"
Engine	Honda GX270/gasoline
Hydraulic pump (mod. META P0206DH)	06 cm <sup>3</sup> / 0.36 in <sup>3</sup> @ 3.000 rpm 210 bar / 3045.79 psi max.
Material used	Main tank body made of carbon steel; fresh water tank in semi-transparent plastic material

#### FEATURES:

Description	Standard	Optional (*)
Eight cycle internal combustion Honda engine mod. GX270 with recoil start (predisposition for electric start – battery excluded)	x	
Remote control	n.a.	n.a.
Manual drive controls on left and right side of the unit	x	
Air-oil heat exchanger with electric fan	n.a.	n.a.
Reduced hydraulic oil tank capacity (10 litres/2.64 gallons)	n.a.	n.a.
Electrically operated hydraulic control valve with handle for emergency manual controls	n.a.	n.a.
Combined operations system	n.a.	n.a.
Deodorizing control system	n.a.	n.a.
Vacuum pump filter-silencer	x	
Courtesy night light	n.a.	n.a.
LED working light with automatic 10 metres/393.70" cable reel	n.a.	n.a.
High pressure water pump 15 litres/min.-3.96 gallons/min. - 150 bar -2175.57 psi	x	
High pressure water pump 11 litres/min.-2.90 gallons/min. - 170 bar- 2465.64 psi		x
No. 2 gray water suction hoses 9 metres/354.33" long complete with syringes	x	
No. 2 automatic hose reels with 10 metres/393.70" washing hoses and double barrel spray washing guns with high pressure nozzle and low pressure outlet	x	
No. 2 automatic hose reels with 20 metres/787.40" washing hoses		x
Sanitary concentrate tank capacity: 19 litres/5 gallons		x
Sanitary concentrate manual injector	x	
Electric drive of the sanitary concentrate	n.a.	n.a.
Cartridge oil filter and magnetic cap	n.a.	n.a.
Magnetic cap for oil tank	x	
Fresh water tank in semi-transparent plastic material	x	
No. 2 sight glass bowls to check gray water level placed on both sides of the tank	x	



**Technical Data Sheet**  
**Armal SUN 1100T M1 Vacuum Tank Unit**

**FEATURES:**

<b>Description</b>	<b>Standard</b>	<b>Optional (*)</b>
No. 3 plastic level sight glasses to check the fresh water tank level	x	
Ball overflow valve and siphon valve	x	
Safety relief valve	x	
Emergency stop controls on the unit	n.a.	n.a.
Magnetic work spotlight (radio-controlled)	n.a.	n.a.
Hour counter device	n.a.	n.a.

(\*) n.a. = not available.

All technical data are approx. and non-binding. Armal S.p.A. reserves the right to make any changes at any time without notice.