

Product Category

**TRANSFER PUMP
POSITIVE DISPLACEMENT**

Normal & Stainless Steel

20, 30, 50, 70, 115, 140

LAMOR
ENVIRONMENTAL SOLUTIONS

GTA Oil Transfer Pump



BENEFITS

- **Compact design, light-weight**
- **Robust, sea-water resistant**
- **Acid proof, steel internal parts**
- **Annular water injection (inlet & outlet)**
- **Cutting knife on inlet**
- **Various discharge options**

Lamor has developed a series of positive displacement oil transfer pumps with capacities ranging from 20 - 140m³/h in both aluminum and stainless steel models. The GTA multipurpose submersible Archimedes screw pump is designed to be utilized in a variety of applications and scenarios.

The newly developed series of GTA pumps manufactured in stainless steel have been especially designed for long-term permanent use on vessels. The stainless steel GTA pumps are surface treated with a mix of highly protective dirt repellent and hydrophobic coatings to further enhance the superior properties of the acid proof stainless steel casing. The standard GTA pump casing is constructed from robust, seawater resistant aluminum. The internal components of both models are cast with acid-proof stainless steel. Special seals ensure durability and performance.

All the Lamor GTA pumps have a unique design that promotes a smooth pumping action and easy flow control that will not emulsify oily water and that reduces cavitation ensuring a constant flow. In addition to being used as oil transfer pumps, the pumps can be utilized for numerous applications such as offloading emergency pumping of heavy crude, bitumen, tank cleaning, pipeline maintenance, sludge removal, and other functions.

The efficiency of the GTA pumps is increased due to a water/steam annular injection on the both the inlet and outlet, and a debris cutting knife to cut through and process solids such as seaweed, plastics, and ropes. The pumps are equipped with easy access grease nipple and are designed to be easily disassembled for maintenance and cleaning.

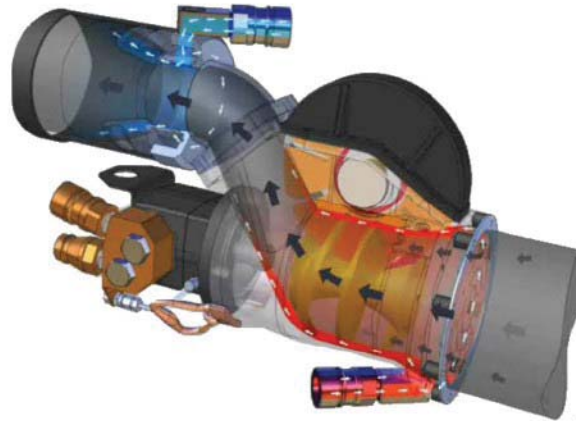
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TECHNICAL SPECIFICATIONS

	GTA 20	GTA 30	GTA 50	GTA 70	GTA 115	GTA 140
Length	300 mm	300 mm	400 mm	400 mm	500 mm	500 mm
	12 in	12 in	16 in	16 in	20 in	20 in
Width	195 mm	195 mm	250 mm	250 mm	300 mm	300 mm
	8 in	8 in	10 in	10 in	11 in	11 in
Height	435 mm	435 mm	500 mm	500 mm	598 mm	598 mm
	17 in	17 in	20 in	20 in	24 in	24 in
Weight	25 kg	23 kg	49 kg	47 kg	79 kg	71 kg
	55 lbs	51 lbs	108 lbs	104 lbs	157 lbs	157 lbs
Stainless Steel Weight*	39 kg	41 kg	73 kg	72 kg	109 kg	109 kh
	86 lbs	90 lbs	161 lbs	159 lbs	240 lbs	240 lbs
Manhole Diameter	300 mm	300 mm	400 mm	400 mm	520 mm	520 mm
	11.8 in	11.8 in	16 in	16 in	21 in	21 in
Certified Capacity	21 m ³ /h	31 m ³ /h	61 m ³ /h	84 m ³ /h	119 m ³ /h	142 m ³ /h
	92 gal/min	136 gal/min	268 gal/min	369 gal/min	524 gpm	625 gpm
Solid Handling	25 mm	25 mm	30 mm	30 mm	30 mm	30 mm
	1 in	1 in	1.18 in	1.18 in	1.18 in	1.18 in
Certified Discharge Pressure	14 bar	14 bar	14 bar	10 bar	14 bar	12 bar
	203 psi	203 psi	203 psi	145 psi	203 psi	174 psi
Hydraulic Flow (max)	80 l/min	75 l/min	160 l/min	92 l/min	160 l/min	160 l/min
	21 gpm	20 gpm	42 gpm	24 gpm	42 gpm	42 gpm
Hydraulic Pressure (max)	210 bar	210 bar	210 bar	210 bar	210 bar	210 bar
	3045psi	3045 psi	3045 psi	3045 psi	3045 psi	3045 psi

**Please note all technical specifications are the same for the aluminum and stainless steel pump versions except the weight*