



Marine Technic a/s



Tank Washing Machines

globally focused on cleaner solutions

Tank Washing Ancillaries

Tank Washing Hose (Black, VP Logo)

Neoprene with styrene butadiene rubber (SBR) liner reinforcement with multiple rayon braids. Electrical continuity is ensured by twin braided Stainless Steel wires. All hoses are fully tested prior to despatch. Available in 38mm and 50mm nominal bore and a maximum length of 50 metres.



Hose Saddle

Neoprene with styrene butadiene rubber (SBR) liner reinforcement with multiple rayon braids. Electrical continuity is ensured by twin braided Stainless Steel wires. All hoses are fully tested prior to despatch. Available in 38mm and 50mm nominal bore and a maximum length of 50 metres.



Connections and Spanners

We stock an extensive range of hose connections, hose couplings, hose spanners and deck valve adapters, mostly with BSP threads. Hose spanners are manufactured from a non-sparking alloy for complete safety. Rigid tank wash hose is made from rubber (SBR) with two AISI 316 integral earth wires for complete safety. These hoses are available in 38mm and 50mm and can be cut to suit vessel requirements and are also fully factory tested for earth continuity.



Hose Reel

Designed as a complete tank washing station. Galvanised steel frame for strength, accepts 33mm of 50mm rubber tank washing hose, complete with hose roller and brake. Fitted with bronze deck cover (height adjustable) and wheels for total manoeuvrability. For safety, the units is supplied with an automatic vacuum relief valve, full earth wire connection and safety ratchet.



VP Watergun

A powerful water gun with effective jet lengths of up to 25m with a low recoil for rapid cleaning of decks and bulk cargo holds. Supplied complete with a tripod stand, the lightweight design is ideal for one-man operation.



Fixed Stainless Steel VP Minor



Tank Washing Machine, Hose and Hose Saddle



Mounted Tank Washing Machine



Design Service

Victor Marine can design the ideal system by carrying out a Shadow Diagram Study which will confirm the number, position and type of machine, enabling us to provide the optimum tank cleaning solution.



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The manufacturers reserve the right to alter the specification and data to incorporate improvements in design.
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Tank Washing is a vital part of a ship's operations and it is essential that the equipment onboard is robust, reliable and fit for purpose. Developing and manufacturing Tank Washing Equipment for over 60 years, Victor Marine has a wealth of knowledge and experience in providing tank cleaning solutions suitable for VLCCs to smaller product tankers and chemical carriers.

Victor Marine offers a range of portable and fixed tank cleaning machines with various styles of down tubes and hoses available. All machines are made in stainless steel to ensure durability and longevity. The internal gears and components are manufactured with high quality materials that ensure low wear and can operate under high pressures and a wide range of temperatures.

Key Features

- Wash pattern is of orbital progressive intensity to meet IMO Annex II pre wash requirement standard
- Nozzle sizes from 7 mm to 18 mm
- Offered with either 'sealed for life' or media lubricated drive to ensure no cargo contamination
- Automatic 'slip-clutch' to prevent accidental damage in use
- Simple to service with the use of high performance long life gears
- Alternative flange (up to 180mm Diameter) and fixings available
- Fully Type Approved by Class Societies Worldwide



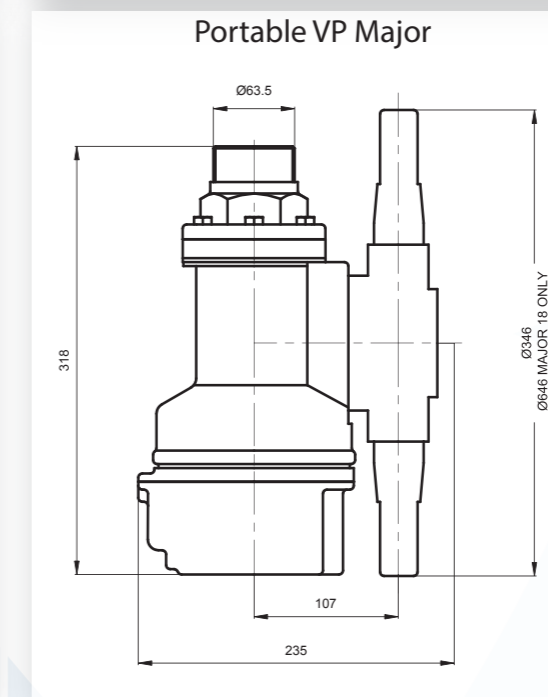
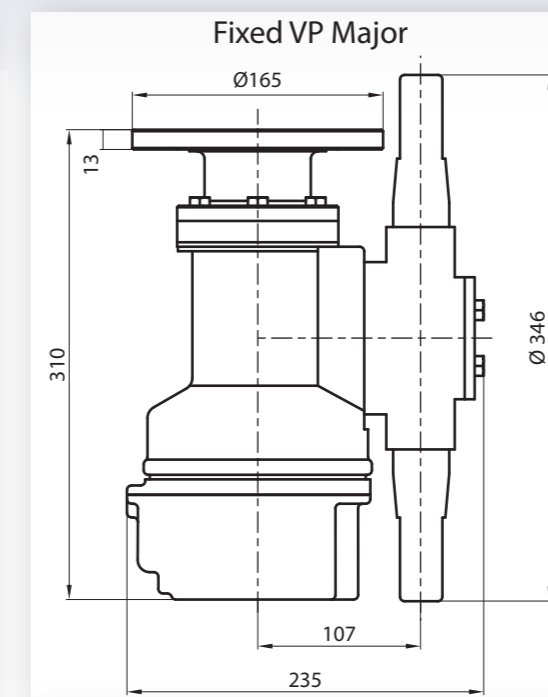
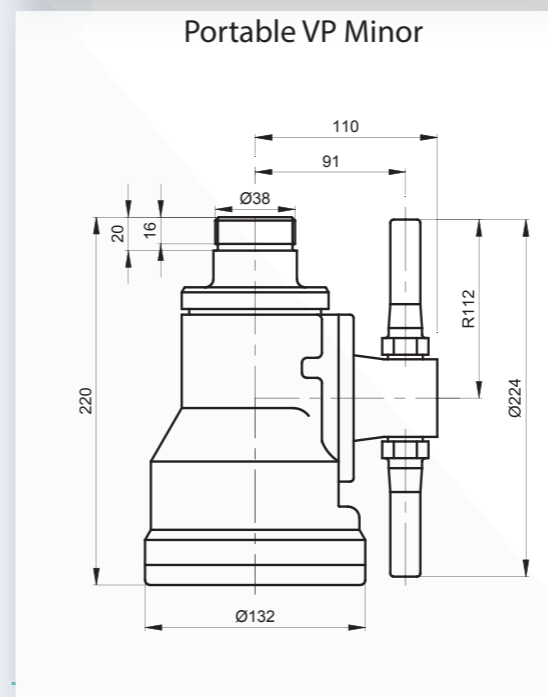
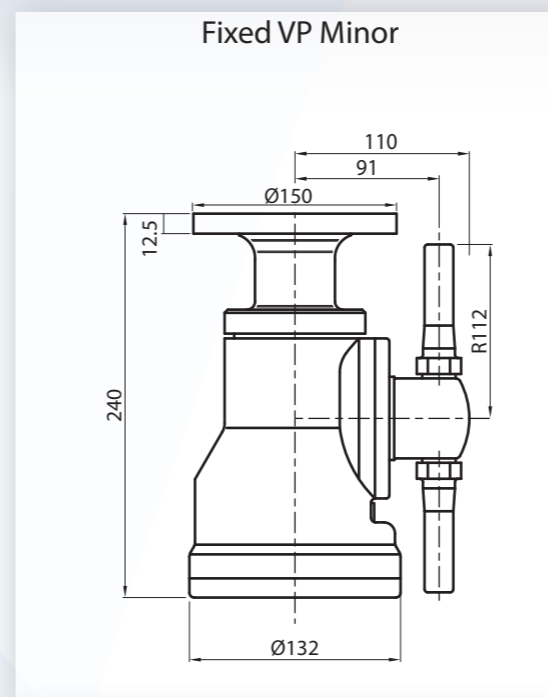
Type Approvals by:



Stainless Steel VP Minor

The VP Minor is a pre-programmed twin nozzle tank washing machine manufactured from 316 stainless steel. This unit is suitable for use on both small and medium crude oil, chemical and product tankers and can be supplied as either fixed or portable units.

The VP Minor is also available as a mud machine specifically designed for mud tank cleaning.



Stainless Steel VP Major

The VP Major is a pre-programmed twin nozzle tank washing machine manufactured from 316 stainless steel. This unit is suitable for use on both medium and large crude oil, chemical and product tankers and can be supplied as either fixed or portable units.

Wash Pattern	Pre-programmable Rotary 360°
Jet Length	Maximum 14.6 mtrs (78 ft) Typical 9-14 mtrs (30-46 ft)
Operating Pressure	Maximum 12 kg/cm ² (190 psi) Typical 5-10 kg/cm ² (72-145 psi)
Flow Capacity	Minimum 7 m ³ /hr (35 US gal/min) Maximum 19 m ³ /hr (84 US gal/min)
Wash Cycle	Time: Variable on supply pressure (see table below) Typical Between 16-30 mins Type: 4 cycles for complete wash
Maximum Operating Temperature	95°C (203°F)
Installation	Min deck opening Ø 200mm (8.0 inches) Fixed Flanged Std DIN 40 NP10 Portable (Ø 150mm with 4x14mm holes on a 110 PCD) 1½" BSP Male thread

Weight	Fixed Flanged 10.2 kgs (22.5 lbs) Portable 8.2 kgs (18.1 lbs)
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Supply Pressure (kg/cm ²)	VP Minor Nozzle Diameter															Supply Pressure (kg/cm ²)
	2x7mm			2x8mm			2x9mm			2x10mm			2x11mm			
	Flow m ³ /hr	Jet Length	Cycle Time	Flow m ³ /hr	Jet Length	Cycle Time	Flow m ³ /hr	Jet Length	Cycle Time	Flow m ³ /hr	Jet Length	Cycle Time	Flow m ³ /hr	Jet Length	Cycle Time	
6	7.3	9.6	27	10	10	26	10.4	10.6	27	13	11.6	26	15	12.6	24	6
8	8	10.3	21	11.3	10.8	20	11.6	11.3	23	14.2	12.4	22	16.2	13.3	20	8
10	8.5	11	18.5	12.2	11.5	18	12.6	12	19	16	13	20	17.7	14	18	10
12	9.2	11.6	18	13	12.1	17	13.75	12.6	16	17.6	13.5	18	19.3	14.6	17	12

Wash Pattern	Pre-programmable Rotary 360°	Wash Pattern
Jet Length	Maximum 38 mtrs (123 ft) Typical 20-35 mtrs (66-115 ft)	Jet Length
Operating Pressure	Maximum 12 kg/cm ² (190 psi) Typical 5-10 kg/cm ² (72-145 psi)	Operating Pressure
Flow Capacity	Minimum 23 m ³ /hr (101 US gal/min) Maximum 65 m ³ /hr (286 US gal/min)	Flow Capacity
Wash Cycle	Time: Variable supply pressure (see table below) Typical Between 34-50 mins Type: 4 cycles for complete wash	Wash Cycle
Maximum Operating Temperature	95°C (203°F)	Maximum Operating Temperature
Installation	Min deck opening Ø 245mm (9.6 inches) Fixed flanged Std DIN 50 NP16 Portable (Ø 165mm with 4x18mm holes on a 125 PCD) 2½" ANSI Male thread	Installation

Weight	Fixed flanged 21 kgs (46 lbs) Portable 19.5 kgs (43 lbs)	Weight
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Supply Pressure (kg/cm ²)	VP Major Nozzle Diameter															Supply Pressure (kg/cm ²)
	2x12mm			2x14mm			2x16mm			2x18mm (Fixed Only)						
	Flow m ³ /hr	Jet Length	Cycle Time	Flow m ³ /hr	Jet Length	Cycle Time	Flow m ³ /hr	Jet Length	Cycle Time	Flow m ³ /hr	Jet Length	Cycle Time				
6	32	15	39	42	17	43	50	18	42	57	19	49	6			
8	35	17	36	45	19	39	55	20	39	64	21	46	8			
10	40	19	34	51	21	37	61	22	37	70	23	44	10			
12													12			