



ULTIMATE WATER JETTING SOLUTION



**Merlion II & Mermaid Heavy Duty
High-Pressure Water Blasters**



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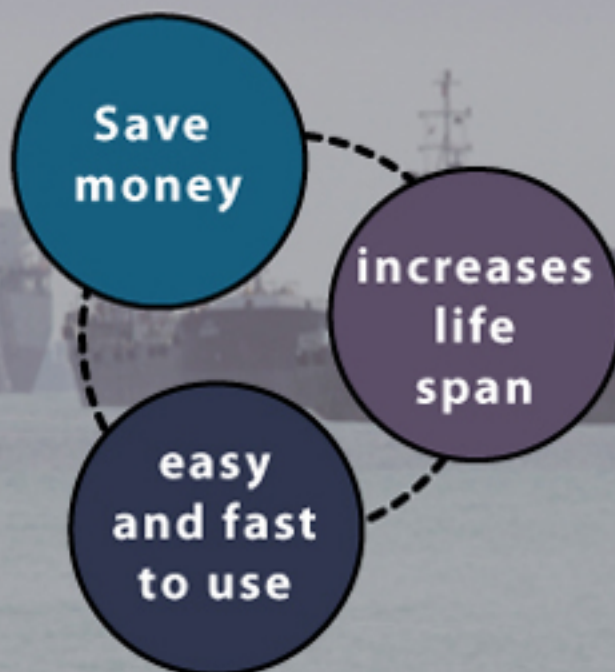
RUST NEVER SLEEPS

24 Hours a day, 365 days a year, above deck and below decks rust eats away your INVESTMENT. Rust does not conform to any shape and can eat away at any unprotected metal surface. Paint & surface coatings become cracked & damaged exposing metal to the harsh sea environment. Deck plates can be corroded to less than half the original thickness. Rust blocks water filters, chokes water pumps, wears shafts and seals, loads bearings & motors and causes insurmountable damage to machinery, all the time eating away at your profit by increasing your maintenance costs.

The advantage in maintaining your ship means :

- longer life span of equipment & machinery.
- less break downs.
- less down time.
- improved safety.

WATER BLASTING SAVES MONEY



Be sure you have the right tool for the job!

E-250 E-350 E-500

Merlion II Heavy Duty High-Pressure Water Blasters

The MERLION II Heavy Duty High-Pressure Water Blasters offer powerful and cost efficient cleaning for professional users.

Industries/Segments

- Cleaning contractors.
- Building & construction.
- Marine/ship management.
- Manufacturing.
- Agriculture.

Applications

- Removing paint, rust, markings and graffiti on steel and concrete surfaces.
- Cleaning scaffolding material.
- Removing lime scale deposits and marine growth.
- Cleaning construction machinery and equipment.
- Deck cleaning and cleaning of cargo hold.
- Dust free sand blasting.

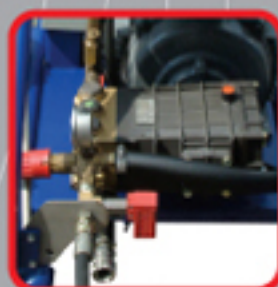
Features

- Solid, galvanized & powder-coated frame.
- Stainless Steel top cover for lasting protection & hose storage.
- Big handle for easy maneuvering and storage of cables & hoses.
- Compact design - can go through a standard size door.
- Easy access to pump for service & maintenance.
- Automatic start/stop with timer for better life span of the pump.
- Star/delta Starter box.
- Comes with low voltage controls, fuses, overload relay and main isolator.
- Accumulators for easy start-up & low starting peak Amps.
- Inlet filtration system.
- Latest pump technology for long running hours.
- Triplex pump with ceramic plungers.
- Powerful 20 Hp Motor, IP55 classification, class F insulation and continuous running duty.



Technical Data:		Merlion II E-250	Merlion II E-350	Merlion II E-500
Pressure	bar/psi	250 (3625)	350 (5075)	500 (7250)
Flow:	L/min / USgpm	26 (6.9)	21 (5.5)	16 (4.2)
Power consumption:	Kw/Hp	15 (20)	15 (20)	15 (20)
Power supply:	V	380-415/3ph/50Hz 440/3ph/60Hz		
Motor spec:	Rpm	1450/1750	1450/1750	1450/1750
El cable, Oil resistant	m	15	15	15
High pressure hose:	m	15	15	15
Water inlet temp. Max:	°C	60	60	60
Noise Level	LpA	70dB(A)	70dB(A)	70dB(A)
Weight:	kg	180	180	195
Dimensions LxWxH	mm	1210x750x960	1210x750x960	1210x750x960

Note: Supply standard with dry shut trigger gun with 1000mm stainless steel lance with zero degree nozzle. Other accessories and attachments are available upon request.



E - 500/30

Mermaid Heavy Duty High-Pressure Water Blasters

The MERLION II Heavy Duty High-Pressure Water Blasters offer powerful and cost efficient cleaning for professional users.

Industries/Segments

- Cleaning contractors.
- Building & construction.
- Marine.
- Offshore.
- Manufacturing.

Applications

- Removing paint, rust, markings and graffiti on steel and concrete surfaces.
- Removing lime scale deposits and marine growth.
- Roughening of concrete surfaces.
- Deck cleaning and cleaning of cargo hold.
- Dust free sand blasting.

Features

- Solid, galvanized & powder-coated frame.
- Non-corrosive material used in pumps and fittings.
- Unique pump design with quintuple (5) ceramic plungers ensuring smooth pulsation free flow.
- Stainless steel pump-head.
- Built-in stainless unloader/safety valve.
- Start-up accumulator.
- Easy access to pump for service & maintenance.
- Weatherproof star/delta Starter box.
- Powerful 40 Hp Motor with overload relay, IP55 classification, class F insulation and continuous running duty.
- Low water level cut-off switch.
- 80L Water break tank with filter and inlet float valve.
- Built-in trigger gun holder and cable holder to ease transportation from point to point.
- Pneumatic wheels for easy transportation.



Technical Data:		Mermaid E-500/30
Pressure	bar/psi	500 (7250)
Flow:	L/min / USgpm	30 (7.9)
Power consumption:	Kw/Hp	30 (40)
Power supply:	V	380-415/3ph/50Hz 440 /3ph/60Hz
Motor speed:	Rpm	1450/1750
El-cable, Oil resistant:	m	15
High pressure hose:	m	20
Water inlet temp. Max:	°C	60
Noise Level:	LpA	75dB(A)
Weight:	kg	500
Dimensions LxWxH	mm	1495x950x1235

Note: Supply standard with dry shut trigger gun with 1000mm stainless steel lance with zero degree nozzle. Other accessories and attachments are available upon request.



E-800/20 E-1100/15

Mermaid Heavy Duty High-Pressure Water Blasters

The MERLION II Heavy Duty High-Pressure Water Blasters offer powerful and cost efficient cleaning for professional users.

Industries/Segments

- Cleaning contractors.
- Building & Construction.
- Marine.
- Offshore.
- Manufacturing.

Applications

- Removing paint, rust, markings and graffiti on steel and concrete surfaces.
- Removing lime scale deposits and marine growth.
- Roughening of concrete surfaces.
- Deck cleaning and cleaning of cargo hold.
- Dust free sand blasting.

Features

- Solid, galvanized & powder-coated frame.
- Triplex pump with solid ceramic plungers.
- Drip return ensuring long seal life and drip free operation.
- Identical suction and discharge valves, easily replaceable.
- Crankcase of solid cast-iron ensuring stability and vibration dampening.
- Crankshaft and taper roller bearings together with plain bearing con rod all run in oil.
- All gasket in seal sleeves ensuring precise centering and easy placement.
- Duplex-steel valves.
- Stainless steel valve casing.
- Stainless steel pump-head.
- Built-in safety valve.
- Built-in booster pump.
- Easy access to pump for service & maintenance.
- Weatherproof star/delta starter box.
- Non-corrosive material used in pumps and fittings.
- Powerful 40 Hp Motor with overload relay, IP55 classification, class F insulation and continuous running duty.
- Low water level cut-off switch.
- 25 micron filtration system.
- BOL Water break tank with filter and inlet float valve.
- Built-in trigger gun holder and cable holder to ease transportation from point to point.
- Pneumatic wheels for easy transportation.



Technical Data:		Mermaid E-800/20	Mermaid E-1100/15
Pressure	bar/psi	800 (11600)	1100/16500
Flow	L/min / USgpm	20 (5.3)	15 (3.95)
Power consumption	Kw/Hp	30 (40)	30(40)
Power supply	V	380-415/3ph/50Hz 440 /3ph/60Hz	380-415/3ph/50Hz 440/3ph/60Hz
Motor spec:	Rpm	1000/1200	1000(50Hz) / 1200(60Hz)
El-cable, Oil resistant	m	15	15
High pressure hose:	m	20	20
Water inlet temp. Max:	°C	60	60
Noise Level:	LpA	75dB(A)	75dB(A)
Weight	kg	500	500
Dimensions LxWxH	mm	1495x950x1235	1495x950x1235

Note: Supply standard with dump type trigger gun with 1000mm stainless steel lance with zero degree nozzle. Other accessories and attachments are available upon request.





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Accessories



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