



# Merlion Plus Series - Electric

- Applications:**  
 The MERLION PLUS Series offer powerful and cost efficient cleaning for professional users. It is used for the following:
- Removing paint and rust on steel and concrete surfaces
  - Removing lime, scale deposits & marine growth
  - Deck cleaning & cargo hold cleaning
  - Dust free wet sand blasting (Optional accessories)

- Features & Benefits:**
- Solid galvanized & powder coated frame
  - Stainless steel top cover for lasting protection & hose storage
  - Durable unloader/safety system for maximum hours of operation
  - Easy access to pump for service and maintenance
  - 40L heavy duty water tank with water cut-off protection
  - Star/delta starter box
  - Comes with low water level control, MCB, overload relay and main isolator
  - Start-up accumulator (E350 only)
  - Inlet filtration system
  - Latest pump technology for long running hours
  - Triplex pump with ceramic plungers
  - Powerful 24HP motor with overload relay, IP55 classification, Class F insulation and continuous running duty

- Standard Accessories:**
- Trigger gun + shoulder rest with 1m stainless steel lance with straight jet nozzle
  - Electrical cable, oil resistant - 15m
  - High pressure hose 1/2" - 15m

\*Optional accessories refer to Page 19-23



Technical Data		Merlion Plus E-350	Merlion Plus E-500
Pressure	Bar/psi	350/5075	500/7250
Flow	L/min/USgpm	21/5.5	16/4.2
Power Consumption	Kw/Hp	17.9/24	17.9/24
Power Supply	V	440/3ph 60Hz	440/3ph 60Hz
Motor Spec	Rpm	1750	1750
Weight	Kg	220	220
Dimensions LxWxH	mm	1060x490x938	1060x490x938
IMPA Code	Number	59 08 58	59 08 59



# Mermaid Series - Electric

- Applications:**  
 The MERMAID Series offer more powerful and cost efficient cleaning for professional users. It is used for the following:
- Removing thicker paint and rust on steel and concrete surfaces
  - Removing thicker lime, scale deposits & marine growth
  - Deck cleaning & cargo hold cleaning
  - Dust free wet sand blasting (Optional accessories)

- Features & Benefits:**
- Solid galvanized & powder coated frame
  - Non-corrosive material used in pumps and fittings
  - Unique pump design quintuple (5) ceramic plungers ensuring smooth pulsation free flow (Mermaid E-500/30)
  - Pump with triplex (3) solidcarbide plungers (Mermaid E-800/20 & E-1100/16)
  - Stainless steel pump head
  - Built in stainless unloader/safety valve
  - Crankcase made of solid cast-iron ensuring stability and vibration dampening (Mermaid E-800/20 & E-1100/16)
  - Weather proof star/delta starter box
  - Stainless steel valve casing (Mermaid E-800/20 & E-1100/16)
  - Built in booster pump with independent electrical connection (Mermaid E-800/20 & E-1100/16)
  - Powerful 40HP motor with overload relay, IP55 classification, class F insulation and continuous running duty
  - Low water level cut off switch
  - 25 micron filtration system (Mermaid E-800/20 & E-1100/16)
  - 80L heavy duty water tank with filter and inlet float valve

- Standard Accessories:**
- Trigger gun + shoulder rest with 1m stainless steel lance with straight jet nozzle (Mermaid E-500/30)
  - Dump gun with 1m stainless steel lance with straight jet nozzle (Mermaid E-800/20 & E-1100/16)
  - Electrical cable, oil resistant - 15m
  - High pressure hose 1/2" - 20m

\*Optional accessories refer to Page 19-23



MERMAID E500-I



MERMAID E1100-I

Technical Data		Mermaid E-500/30	Mermaid E-800/20	Mermaid E-1100/16
Pressure	Bar/psi	500/7250	800/11600	1100/16500
Flow	L/min/USgpm	30/7.9	20/5.3	16/4.2
Power Consumption	Kw/Hp	30/40	30/40	30/40
Power Supply	V	440/3ph 60Hz	440/3ph 60Hz	440/3ph 60Hz
Motor Spec	Rpm	1750	1200	1200
Weight	Kg	440	530	570
Dimensions LxWxH	mm	1495x980x1263	1495x980x1263	1495x980x1263
IMPA Code	Number	59 08 71	59 08 72	59 08 74