

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 |