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OUR REF.

## ■ 清潔和除鏽設備 (cleaning and rust removal equipment)

1. 清洗用水槍 cleaning water jet  
270 BAR  
- EL270 (如下圖)
2. 甲板除鏽機 deck scaling machine  
- RUSTBIT 500 (如下圖)(詳如附頁 P.5~6)
3. 高壓水刀除鏽機 high pressure water jet  
15Kpsi ~ 40Kpsi  
1034BAR ~ 2758BAR  
手推車、滑板車、拖車  
- EL20 (如下圖)(詳如附頁 P.3~4)  
- G Pump (如下圖)



"EL270"



RUSBIT 500



"EL20"



"G Pump"

## ■ Marine tape for hatch cover and steel pipe

### ■ 防鏽漆 Marine rust preventive coating

#### 1. pipe dressing 抗高溫

用途: 蒸氣管理  
蒸氣操作的設備  
高溫結構處所

#### 2. 壓水艙的油漆

用途: 海水壓水艙, 空艙及隔艙(void space and cofferdam)  
特性: 半硬式無毒, 植物油基礎單一塗料  
表面處理需要層級低  
塗漆簡便, 防鏽長久, 費用低廉

COMBO

**HIGH PRESSURE WATER  
JETTING UNIT**

**EL 20**

**Back thrust  
less than 5kg**

- **Centralized Control System**
- **Perfect Pressure Control and Over-Pressure Relief Design**
- **Effective descaling in Narrow Space and Corner**





# EL 20

- Plunger type Water jet Unit
- Driving Motor - AC 440V 3ph 60Hz 20HP
- Working Pressure: - Up to 15K psi (1,000 bar)  
- Up to 20K psi (1,400 bar)
- Pressure Adjustable (0~Working pressure)
- Flow Rate: - 15K psi: 8.0 lpm (2.12 gpm)  
- 20K psi: 6.42 lpm (1.7 gpm)
- Back thrust: Less than 5kg
- Dimension (L x W x H): 1.18m x 0.68m x 1.04m
- Weight: about 415 kg/915 lbs
- Booster Pump Pressure: 5~10kgf/cm<sup>2</sup>

## CHARACTERISTICS



### Centralized Pump Control System

All measuring gauge and controlling devices are aligned to *front side for one-stop operation.*

### Perfect Pressure & Safety Control

PRV(Pressure Regulating Valve) & Over-Pressure Relief Valve surely control working pressure of pump and safety of Gun Operator.

### 5 Micron Water Filtering

COMBO Water Filtering System purifies supplied water and feeds into COMBO Pump for longer lifespan of parts.



### Small and Compact Design

Its small and compact size design with High Pressure is *specially made for onboard ship maintenance*, and this is from our long experiences of Corrosion Treatment in shipyard.



### Low Water Consumption

Water insufficiency on voyage vessel is highly considered and we developed COMBO Pump to *remove rust with low consumption of fresh water.*



### Water Receiving Tank

Water receiving tank helps steady water flow and supply into Pump, and floating valve in the water tank controls inlet water flow.



### Low Pressure Shut-off Switch

Low pressure of supplying water into Pump can cause shortage of Fluid End Parts Life. Electric sensed shut-off switch stops pump operation when the pressure of supplying water is low.

## ACCESSORIES

### Flow Control Gun

Dump Style Trigger gun (Adjustable Shoulder: Option)



### Nozzles



RJ 3000 Assy'(Self-rotating Rotary)



Attack Nozzle(Straight Type)



Wide Blasting area with RJ 3000 System



Powerful Blasting with Attack Nozzle System

Deck Scaling Machine

# RUSTBIT 500



- ▶ Effective surface treatment
- ▶ Simple to operate
- ▶ Easy assembly mechanism
- ▶ Overload safety design
- ▶ Excellent durability and impact resistance

- ▶ Electric motor: **3-Phase 440V/0.75Kw/1,250rpm**
- ▶ Working Capacity: **10m<sup>2</sup>/hour**
- ▶ Dimensions [LxWxH]: **1,400mmX390mmX1,050mm**
- ▶ Net Weight: **47kg**

● Other motor type can be applied upon your request



## Operation

- According to the condition of decks, handle Rustbit 500 two or three times back and forth.
- Three-linked chains made of tempered steel strike against decks and remove rusts, scales and old paints.
- Press down slightly the O-shaped handle so that other scaling parts are not worn away and only chains are able to play a role to remove rust and scale.

## Attention

- To protect Rustbit 500 from overloading, a special safety locking device is installed. In the event of overloading, stop the operation for 20 minutes.
- Working time of one and half hours is recommended for long-life service.
- When assembling, carefully tighten bolts & nuts just enough for the first linked-chains between plates to be shaken easily.

## Spare parts list



DS 500-0 Chain Drum (all spare parts)



DS 500-1 Chain (25 pcs/set)



DS 500-2 Plate (5 pcs/set)



DS 500-3 Bolt &amp; Nut (10 pcs/set)



DS 500-4 Boss (1 pc)



DS 500-5 Collar (25 pcs/set)



WB 700-0 Wire Brush (Complete set)



WB 700-1 Brush (3 pcs/set)



WB 700-2 Boss (1 pc)



WB 700-3 Cover (1 pc)

WB 700-4 Bolt/Nut (4 pcs/set)  
WB 700-5 Cover Bolt (1 pc)