

COMBO PUMP 201 SERIES 20 HP Unit

Compact Size High Pressure Waterjet Unit

Ultimate Solution for Ship's own maintenance and small derusting job



EL20 Standard unit

EL20 Vertical unit

EXP20 unit

The COMBO series are especially designed for ordinary ship's crew use to do small cleaning, derusting and flaky-paint stripping jobs at ship's deck, top side tank, cargo hold, etc. COMBO 201 unit has been proven that ship's crew can safely and conveniently remove rust by themselves and save numerous amount of ship's operation budget using COMBO 201 unit and accessory. This advantage cannot be made without COMBO 201 water blasting solution.

STANDARD FEATURES

Control Panel

Motor starter, Operation S/W, Pressure warning

Safety Control System

Rupture Disc Assy, Over-pressure Relief Valve, Pressure S/W, Pressure Control Valve

Durable Power End and Fluid End

Cast iron power frame
Heavy duty taper roller bearing
Forged and heat-treated alloy crankshaft
High efficiency inline valve and hardened plunger
Long-lasting self-adjust packing and seal

Suction and Discharge Plumbing

Stainless steel water tank and piping
#100 Strainer and 5 Micron cartridge filter
Large volume Boost pump
Power end L/O cooler
Suction and discharge Pressure gauge
Rupture disc Assy

Safety Control System

Rupture Disc Assy, Over-pressure Relief Valve, Pressure S/W, Pressure Control Valves

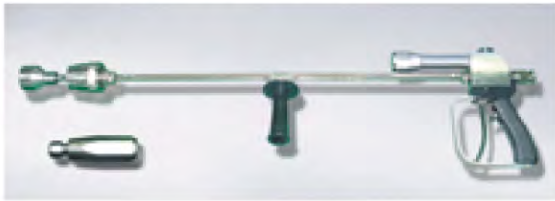
SPECIFICATION

| UNIT MODEL NO. | PUMP TYPE | PRESSURE (bar) | FLOW (ltr/Min) | DRIVING MOTOR | POWER SOURCE | DIMENSION Approx.(mm) | WEIGHT (kg) |
|----------------|-----------|----------------|----------------|-------------------|--------------|-----------------------|-------------|
| EL20-15KH | COMBO 201 | 1000 | 8.0 | TEFC 20HP | AC440V | 1200 x 680 x 1175 | 415 |
| EL20-15KV | | | | | | 950 x 555 x 1320 | |
| EXP20-15K | | | | 1200 x 880 x 1205 | | 580 | |
| EL20-20KH | COMBO 201 | 1400 | 6.42 | TEFC 20HP | AC440V | 1200 x 680 x 1175 | 415 |
| EL20-20KV | | | | | | 950 x 555 x 1320 | |
| EXP20-20K | | | | 1200 x 680 x 1205 | | 580 | |



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STANDARD TOOLS



Gun, Rotary and Nozzle

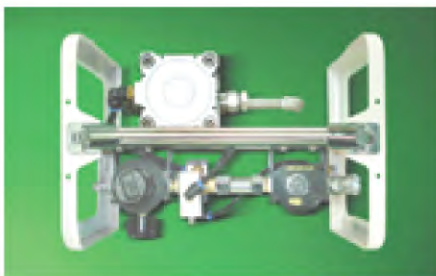
Dump Trigger Gun with Self-rotary
Ultima Air Rotary Gun
Tube Cleaning Gun
Pipe Cleaning Air Rotary
Attack Nozzle with Holder

Pressure Valve and Manifold

Dump Tumble Box

Safety device and Connector

Gaiter, Overall Protective Suit
Hose Arrestor / Safety Belt
Hose Connector



DERUSTING GRADE COMPARISON



DUMP GUN WITH RJ3000
AT 1,000 BAR

ULTIMA AIR ROTARY GUN
AT 1,000 BAR

ULTIMA AIR ROTARY GUN
AT 1,400 BAR

