

COMBO PUMP 601 SERIES 200~350 HP Unit

High Capacity Ultra-high Pressure Waterjet Unit

High surface grade and productivity solution for Shipyard/Construction industries



The COMBO Pump 601 series are built for the most heavy and tough work, because our coating contractor experience in repair shipyard over 30 years already proved the ordinary pump for ordinary work cannot stand the tough field condition.

Our pump design is the simplicity itself and all pressure components are made of high strength material with special treatment to make the most durable performance under rugged field condition. Pump fluid end design must be very simple to minimize its maintenance and maximize the lifespan of pressure parts.

The key point to perform dependable service even under tough field condition is to build simple fluid end design, perfect alignment of power end and strong unit component arrangement.

STANDARD FEATURES

Control Panel

Engine unit - Metering gauges, Start key, Warning alarms

Motor unit - Motor starter, Operation S/W, Warning lamps

Safety Control System

Engine unit - Water level S/W, Engine temperature and Pressure warning

Motor unit - Pressure S/W, Pressure Control Valve

Power Transmission

Engine unit - Hydraulic clutch with reduction gear

Motor unit - Heavy duty timing belt

Durable Power End and Fluid End

Cast iron power frame

Heavy duty taper roller bearing

Forged and heat-treated alloy crankshaft

High efficiency In-line valve and T/C plunger

Long-lasting self-adjust packing and seal

Suction and Discharge Plumbing

Stainless steel water tank and piping

#100 Strainer and Fiber bag filter(10/5/1 microns)

Large volume Boost pump

Power end L/O cooler

Suction and discharge Pressure gauge

Unit Frame Type

Skid, Enclosure, Trailer House, Skid Canopy



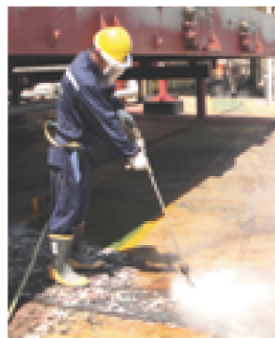
BC TAECHANG INDUSTRIAL CORP.

SPECIFICATION

Stroke : 95mm

FLOW RATE (ltr/Min)	POWER RATING (HP)			PLG DIA. (mm)	PUMP RPM	FLOW RATE (ltr/Min)	POWER RATING (HP)			PLG DIA. (mm)	PUMP RPM
	200	250	300				200	250	300		
	MAX. PRESSURE (Bar)						MAX. PRESSURE (Bar)				
28	2800			18	400	90	900		31.75	400	
32	2550		450		101	810	990	450			
36	2270	2800	500		112	730	910	500			
40	2040	2550	2800		560	126	640	810		970	560
32	2550			19.05	400	109	750		34.93	400	
36	2270	2750	450		122	670	830	450			
40	2040	2550	500		136	600	750	500			
45	1810	2270	2720		560	152	530	670		800	560
35	2330			20	400	129	630		38.1	400	
40	2040	2500	450		146	560	680	450			
44	1850	2320	500		162	500	630	500			
50	1630	2040	2450		560	181	450	560		670	560
44	1850			22.22	400	164	490		42.86	400	
49	1660	2080	450		184	440	540	450			
55	1480	1850	500		205	390	490	500			
61	1340	1670	2010		560	230	350	440		530	560
57	1430			25.4	400	203	400		47.63	400	
64	1270	1550	450		228	350	440	450			
72	1130	1420	500		253	320	400	500			
80	1020	1270	1530		560	284	280	360		430	560
73	1120			28.58	400	230	350		50.8	400	
82	990	1220	450		259	310	380	450			
91	890	1120	500		288	280	350	500			
102	800	1000	1200		560	323	250	310		370	560

STANDARD TOOLS



Gun, Rotary and Nozzle

Straight control Gun
Dump trigger Gun
Turbo Air-operating Gun
RJ3000U self-rotary Nozzle

Pressure Valve & Manifold

Multi-mode Tumble Box
Multi-Gun Valve
Bypass Valve
Flow Divider

Safety device & Connector

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

DERUSTING GRADE COMPARISON



** Dump trigger gun with UHP self-rotary nozzle at 2500 bar

