

Pumps

Performance Packed-in

PressureJet introduces a revolutionary high pressure water jet cleaning cum washing unit, developed by a highly qualified and experienced team of a leading manufacturer of High Pressure Triplex Plunger pumps. Product range includes high pressure pumps and cleaning accessories up to 1000 Kg/Cm² (150 hp).

Cleaning cum washing unit is a result of four years R & D of high-pressure cleaning application of automobile and other industries. It comes with huge water & power saving with the help of Unloader valve, trigger operated gun & unique nozzles. Triplex plunger pump and technically advanced nozzles are bound to deliver almost pulsation free high pressure and high intensity water jet to clean & wash any surface Faster, Effectively and Economically.

PUMP SPECIFICATION

MODEL	MAX. PRESSURE Kg/Cm ² (PSI)	FLOW (LPM)	MOTOR	POWER SUPPLY	DRIVE
HC 370 R	140 (1991)	14	5 hp @ 1450 Rpm	3 Phase	Direct
	110 (1564)	14	4 hp @ 1450 Rpm	3 Phase	Direct
	80 (1137)	14	3 hp @ 1450 Rpm	3 Phase	Direct
HC 200 AR	120 (1706)	8.5	3 hp @ 1450 Rpm	1 Phase	Direct
	80 (1137)	8.5	2 hp @ 1450 Rpm	1 Phase	Direct
TRA-11.5	130 (1849)	11.5	4 hp @ 1450 Rpm	3 Phase	Belt & Pulley
	90 (1280)	11.5	3 hp @ 1450 Rpm	3 Phase/ 1 Phase	Belt & Pulley

● ENGINE DRIVEN PUMP CAN BE SUPPLIED ON REQUEST

● 1 Kg/Cm² = 0.98 Bar = 14.22 PSI

Note: 1. Pressure & Flow may vary up to +/- 7% as per operating condition.
2. Nozzle's orifice is standard parameter, hence exact pressure may not be achieved as shown in the chart.

MATERIAL OF CONSTRUCTIONS

COMPONENTS	HC SERIES	TRA SERIES
PLUNGER	CERAMIC	
CYLINDER	PRESSURE DIE CASTING - BRASS	INVESTMENT CASTING - SS
CRANK SHAFT	FORGED, HARDENED & GROUND ALLOY STEEL	
MAIN BODY	HIGH STRENGTH ALLUMINUM ALLOY	GRADED CAST IRON
VALVE ASSY.	STAINLESS STEEL	

SALIENT FEATURES OF HIGH PRESSURE PUMP

- ◆ Triplex plunger gives far better mechanical efficiency than single and double plunger pumps.
- ◆ Pulsation free jet without pulsation dampener, eliminates diaphragm replacement cost.
- ◆ Life of highly finished (<0.25 Ra) ceramic plungers is 6 times more than chrome-plated plungers and high quality imported plunger seals are bound to give 3 times more life than conventional rubber seal.
- ◆ Highly finished components save minimum 10% power in direct couple unit.
- ◆ Light weight and compact.