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Hydrotest Flow rate up to 445 LPM World Class Products High Pressure Cleaner
 Misting System High Pressure Cleaners Flow rate up to 445 LPM
 Tube Cleaning Pressure Up to 1400 bar HydroBlasting SewerJet
 Flow rate up to 445 LPM SewerJetting pump Pressure Up to 1400 bar
 up to 445 LPM High Pressure Cleaners SewerJetting pump Misting System
 High Pressure Cleaners Hydrotest HydroBlasting Tube Cleanin
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 Hydrotest HydroBlasting Tube Cleaning Pressure Up to 1400 bar Flow rate up to 445 LPM
 High Pressure Cleaners World Class Products Pump
 Pressure Up to 1400 bar Flow rate up to 445 LPM
 World Class Products Pump Accessories
 Flow rate up to 445 LPM Misting System High Pressure Cleaners
 HydroBlasting Tube Cleaning Pressure Up to 1400 bar
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 World Class Products
 HydroBlasting Tube Cleaning Pressure Up to 1400 bar
 HydroBlasting Flow rate up to 445 LPM SewerJetting pump High Pressure Cleaners Tub



Pressure Up to 1400 bar World Class Products Flow
 World Class Products HydroBlasting Se
 Pump Accessories HydroBlasting Tul
 World Class Products

About Us.....

We are the world's fastest growing high pressure reciprocating pump manufacturing company.

We have developed a product range from 3 hp to 240 hp and pressure up to 1400 bar (20 k psi). We offer different accessories for hydro blasting, surface preparation, water jet cleaning, hydrostatic pressure test, feeding to R.O. & boiler and many more applications!!

At PressureJet; we believe in results; therefore, we always emphasis on infrastructure.

Our factory is spread over 12000 sq. feet land, having RCC construction of about 18000 sq. feet. Our machine shop is equipped with HMC, VMC & CNC.

We strongly believe in systematic management and human resource management; therefore, we have implemented ERP of Oracle EBS-12 and developed software to make the company "PAPERLESS".

PressureJet's one of the core strength is dedicated and well trained 75 people.

At PressureJet, we offer a demonstration of all of our products. It is guaranteed that one will surely feel it's "WORTH".

About Product Range.....



Product Range : Up to 1400 kg/cm² Up to 445 lpm Up to 240 hp

Technical Data	Series				
	HW	TR	P	K	V 57
Max. Pressure @	500 bar @	650 bar @	1200 bar @	1400 bar @	200 bar @
Max. Flow	30 lpm	8 lpm	9 lpm	43 lpm	115 lpm
Min. Flow @	12 lpm @	1 lpm @	5 lpm @	35 lpm @	52 lpm @
Max. Pressure	120 bar	500 bar	1200 bar	750 bar	200 bar
Max. Flow @	70 lpm @	637 lpm @	139 lpm @	445 lpm @	302 lpm @
Min. Pressure	150 bar	40 bar	100 bar	180 bar	95 bar
Motor hp	3-30hp	3-75 hp	15-40 hp	60-240 hp	30-75 hp
Transmission	Direct Couple	Belt / Gear	Belt / Gear	Direct Couple (In- built Gear)	Belt / Gear
Pump Speed (SPM)	1450	300 to 950	420 to 950	435 to 530	400 to 900

High Pressure Hydro Test Pump & Systems

Maximum Pressure up to 1400 bar (20,000 psi) | Maximum Flow rate up to 445 lpm | Power up to 240 hp



Accessories

- Pressure Relief Valve
- Rupture Disc
- Safety valve
- Suction Filter
- Non return Valve
- Ball Valve
- Starter
- Cable
- Electric Control Panel
- Glycerine filled Pressure Gauge
- Discharge, Suction & Bypass Hoses

All systems are guaranteed for low power consumption, optimal connecting load, interchangeability of spares, minimum and easy maintenance and easy to operate by even a layman.

Automations

- APC (Automatic pressure controller) to set the pressure digitally by turning a simple knob and system shuts off at that pressure
- Computerized chart recorder
- Controller to rise-hold-decrease the pressure as per the requirement automatically
- Digital pressure display
- Digital Stroke Counter etc..

To meet all these very special industrial needs, we have developed electronic control panels and software, in-house.

Combined - Filling cum Pressurizing System

- We design and supply conventional as well as Fully automatic unique COMBINED SYSTEM of filling pump and pressurizing pump.
- Filling pump can be high flow, low pressure Triplex plunger pump or Multi stage centrifugal pump.
- Pressurizing pump is low volume, high pressure plunger pump.
- For very high volume, one intermediate pump (medium flow medium pressure Plunger pump) can be used
- This is the outcome of the PressureJet R&D team to make the system most affordable and efficient.

Major Application

We have supplied Hydro Test Systems to test :

- Cross-country pipe lines
- Valves
- Pumps
- Hydraulic Hoses
- Pipes & Tubes
- Pressure vessels
- Tanks
- Castings & Forgings
- Turbine casings
- Heat exchangers
- Condensers
- Evaporators
- Boilers
- Fire extinguishers
- High pressure fittings and components
- Welding Joints
- Building water & gas lines



Hydro Blasting System

Maximum Pressure up to 1400 bar (20,000 psi) | Maximum Flow rate up to 445 lpm | Power up to 240 hp



Hydroblasting Accessories



Trigger Operated Gun



Safety Suit



Rotating Surface Cleaning Nozzle



Safety Valve

Pressure Regulating Valve

Accessories

- Dump Type Trigger Operated Gun
- Rotating Surface Cleaning Nozzle
- High Pressure Water Blast Hose with safety shroud
- Unloader Valve / Pressure Regulating Valve
- Safety Valve
- Control Panel with operational & Safety Controls
- Strainer With SS Mesh
- Glycerine Filled Pressure Gauge
- Straight Jet / Fan Jet Nozzle
- Full Body Water Jet Safety Suit
- Paint Grate Cleaners
- Deck Blasters
- Rigid Tube Lances
- Rupture Disc
- Tank Cleaning Nozzles

Major Application

- Hydro blasting
- High Pressure Water Jetting
- Ship hull Cleaning
- Paint Removal / Coating Removal
- Paint Booth Grating Cleaning
- Deck Blasting
- Surface Preparation
- Reactor Vessel Cleaning
- Kiln Cleaning In Cement Plants
- Hard Deposits Cleaning
- Concrete Cleaning
- Under Water Cleaning of Marine Growth

High Pressure Cleaners

Maximum Pressure up to 500 bar (7,000 psi) | Maximum Flow rate up to 50 lpm | Power up to 30 hp



Frame Mounted System



Trolley Mounted System



Trolley Mounted System

High Pressure Cleaning Accessories



Trigger Operated Gun



Unloader Valve



Safety Valve



High Pressure Hose



Rotating Nozzle

- ### Major Cleaning Accessories
- Pressure Regulating Valve / Unloader Valve
 - Safety Valve
 - Suction Strainer
 - Pressure Gauge – Glycerine filled
 - Trigger Operated Gun / Without Trigger Gun
 - Discharge, suction & Bypass Hoses
 - Rigid Tube Lance & Insulated Lance
 - Chemical Venturi Injector

- ### Various Types Nozzles
- Straight Jet Nozzle (0°)
 - Fan Jet Nozzle (5°)
 - Flat Jet Nozzle (15°)
 - Conventional Nozzl(25°)
 - Rotating Surface Cleaning Nozzle
 - Variable Angle (VAN) Nozzle
 - Sandblasting Nozzle
 - Three Way Nozzle

- ### Features
- Plunger: Solid ceramic plunger with surface finish of Co. 0.25 Ra value.
 - Plunger Seal: Parker (German world leader in rubber product) makes 'Durable Fibre impregnated Buna & Seal.
 - Crank Shaft: Forged Alloy Steel Crankshaft.
 - Pump Head (Liquid End): High Strength forged brass, which is more reliable for light pressure working than cast liquid end.
 - Scientific flow v/s. Pressure ratio for effective cleaning.
 - Balanced Hydropower design.
 - Highest Mechanical Efficiency.
 - Ex-stock Spares.
 - Largest Variety of Accessories.



Variable Angle Nozzle



0, 5, 15 & 25 Degree Nozzles



Water Sand Blasting Nozzle

Tube & Pipe Cleaning System

Maximum Pressure up to 1400 bar (20,000 psi) | Maximum Flow rate up to 80 lpm | Power up to 240 hp



Tube & Pipe Cleaning Accessories



Foot Operated Valve



Flexible Lance



Convention Tube Cleaning Nozzle



Rotating Tube Cleaning Nozzle
(for 0.5 to 2.4 inch Tube IDs)

Specific Accessories

- Dump Type Foot Operated valve
- Flexible lance
- Lancing Machine – Single, Dual & Triple Rotary Type
- Air Operated Portable lance Tool for small tube bundles
- Conventional Tube Cleaning Nozzles – Backward, Forward, Radial, Central Jet – in one or more combinations
- Rotating Tube Cleaning Nozzles (for 0.5 to 2.4 inch tube IDs)
- Rotating Pipe Cleaning Nozzle (for 2 to 72 inch Pipe IDs)
- Centralisers
- Back out Preventers
- Safety stop
- Rigid Tube Lances
- High Pressure Water Blast Hose with safety shroud
- Pressure Regulating Valve
- Control Panel with operational & Safety Controls
- Safety Valve /Rupture Disc
- Full Body Water Jet safety Suit

Major Application

- Boiler Tube Cleaning
- Evaporator Tube Cleaning
- Condenser Tube Cleaning
- Heat exchanger Tube Cleaning
- Calandria Tube Cleaning
- Pipe Cleaning upto 72 inch IDs



Rotating Pipe Cleaning Nozzle
(for 2 to 12 inch Pipe IDs)



Lancing Machine - Single, Dual & Triple Rotary Type

High Pressure Pumps for Sewer Jetting

Maximum Pressure up to 350 bar (5,000 psi) | Maximum Flow rate up to 445 lpm | Power up to 240 hp



Trolley Mounted System



Centralizers



Rotating Sewer Jetting Nozzles

Sewer Jetting Accessories

- Pressure Regulating Valve / Unloader Valve
- Drain Cleaning Nozzles (For Small Pipes)
- Nozzles - Conventional/Rotating (Suitable for Pipe ID from 2" to 36")
- Strainer
- Safety Valve
- Centralizer

High Pressure Pump For Fire Fighting

Maximum Pressure up to 350 bar (5,000 psi) | Maximum Flow rate up to 445 lpm | Power up to 240 hp



Bare Pump



Foam Gun



Unloader Valve

Fire Fighting Accessories

- Unloader Valve
- High Pressure Foam Gun
- Hose Reel
- Rigid Lance
- Strainer
- Nozzles

Triplex Plunger Pumps for Process Applications

Maximum Pressure up to 1400 bar (20,000 psi) | Maximum Flow rate up to 445 lpm | Power up to 240 hp



Technical Features

- **Liquid contact parts Material Options** : SS304/SS316/ SS316L/Duplex SS/Brass/Cast Iron etc. Other than this available on special request
- **Plunger options** : Solid Ceramic/ Ceramic Coating/ Tungsten Carbide Coating/ Hard Chrome Coating/ Colomony Coating etc.
- **Pump Speed Options** : 150 rpm to 3600 rpm
- **Duty Options** : Intermittent / Continuous/ Heavy Rugged duty
- **Driver Options** : Electric Motor-FLP/Non-FLP/Gas Group etc. /Petrol Engine/ Diesel Engine etc.
- **Transmission Options** : Direct couple, Internal/External Gear Box, Belt-Pulley, PTO etc.
- **Permissible Fluid Temp.** : 10 ° to 120 °C

Major Process Applications

- Reverse osmosis / Desalination
- Boiler Feeding / Votator Feeding
- Crude Oil Transfer / Edible Oil Transfer
- Fatty Acid splitting / Hydrolysis
- Coolant Transfer / Liquid CO₂ transfer / Cooling
- Injection
- Metal Powder Atomization
- Spraying / Spray Dryer
- Dust Suppression
- Beer Exciting
- Descaling / Deburring
- Hydro entanglement
- Fire fighting
- Seal Gland flushing
- Mandrill Extraction

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