

## HIGH PRESSURE WATER JET CLEANING MACHINE & PUMP:

**BHARTIYA INDUSTRIES** is specialized in Designing, Manufacturing, Marketing and Servicing of High Pressure Pump for various applications in all industrial segments.

The Pumps are designed and manufactured indigenously under strict quality control and also supported by a prompt after sales services. The Pump units are complete with Prime Mover (Electric Motor / Diesel or Gas Engine), Speed Reduces (Pulley drive / Gear Box), Control Panel, Standard accessories like relief valve, pressure gauge and regulating valves. Mountings either on Base plate Oil field Skid, or Trailers depending on customer requirements.



### WATER JETTING & HYDROTEST PUMPS:

High pressure water jetting or water blasting technology has been used for multiple industrial applications around the world, and is recognized for its capability to provide powerful, environmentally safe ways of solving difficult cleaning, cutting and surface preparation problems. We manufactures pumps for specifically for these applications and has a different models with power up to 500 HP, Discharge flow up to 1000 LPM & pressure up to 2000 Bar.

MODEL No.	Maximum Flow (LPM)	Maximum Kg.cm2 Pressure	Maximum H.P.
BHP-15	6-2	10-1000	5
BHP-210	14-3	10-1000	10
BHP-315	21-5	30-1000	15
BHP-330	48-15	100-800	30
BHP-340	133-19	100-800	40
BHP-375	201-36	100-800	75
BHP-3150	525-73	100-800	150
BHP-3250	650-120	100-800	250

### ACCESSORIES:

#### Suction Hose:

Are available for all discharge capacities in standard lengths. They are either nylon type or wire braided type.

#### Delivery Hose

Available in standard lengths with hydraulic high pressure BSP connections for working pressures from 2,000 PSI to 20,000PSI.

#### Flexible Lance

For tube cleaning application, of pressures upto 12,000 PSI in standard lengths of 7Mtrs, 10Mtrs and sizes of 1/8", 1/4", 3/8" are available.

#### Rigid Lance

It is used for external cleaning for pressures upto 20,0000 PSI. These SS seamless lance are available in standard lengths from 1mtr to 6mtrs in steps of 0.5 mtrs.



## HIGH PRESSURE WATER JET CLEANING MACHINE & PUMP:

### Nozzles:

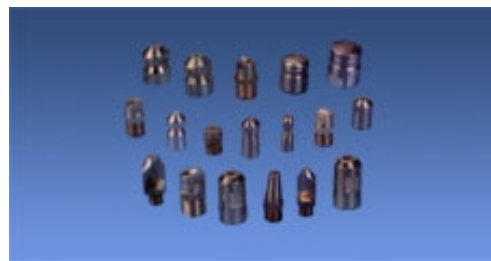
Variety of nozzles for different applications upto 12,000 PSI are available as follows:

**Straight Nozzle:** For surface cleaning, cutting and general applications.

**Fan Jet Nozzle:** For surface cleaning where layer is soft and to rapidly clean large areas. The jets usually have an angle from 300 to 600.

**Forward with Centre Jet Nozzle:** For effective pipe cleaning, where 2 or more orifice are at a forward angle to one orifice at the centre.

**Backward with Centre Jet Nozzle:** For effective cleaning of choked tubes. If used along with flexible lance acts as a self propelling nozzle.



### **Nozzle carrier**

Tailor made nozzle carriers for descaling systems in Iron and Steel industry, Crate cleaning system etc.

### **High Pressure Gun**

Manually Controlled by use of trigger, used for surface cleaning along with either straight or fan jet type of nozzles.

### **High Pressure Foot Valve**

Manually controlled by foot and is used where continuous cleaning at high pressures is to be carried out.

### **Hose Reel**

Used for easy and systematic storing of long hoses.

### **Wet Blasting Attachment**

Abrasives along with high pressure water jet passed through this attachment is used for removal of paint and very hard layer of corrosion.

### **Surface/Gate cleaners**

For officiant surface/gate cleaning in paint booths by rotating jets.

### **Rotojet**

Multi-Nozzle rotary attachment for tank cleaning.



### **Fields of application**

- ▶ Automobile Industry
- ▶ Cement Industry
- ▶ Ship Building
- ▶ Chemical Industry
- ▶ Municipal Services
- ▶ Oil & Gas Refinery
- ▶ Offshore Exploration
- ▶ Pulp & Paper Industry
- ▶ Food & Beverage Industry
- ▶ Iron & Steel Industry
- ▶ Power & Mining Industry

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