



INDUSTRIAL PRODUCTS

YOU DEFINE, WE DESIGN AND DELIVER

— SINCE : 1994 —

High Pressure

Water Jet Cleaner,
Motorised Hydro Test Pumps

www.voltechpumps.com



ABOUT VOLTECH PUMPS



1. Our History

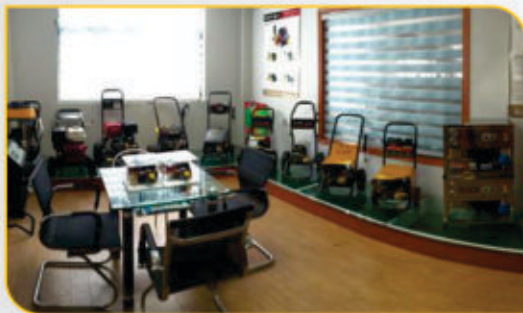
We are VOLTECH PUMPS is a leader in a professional design, manufacture and marketing of the most dependable high pressure washers, cleaner and pumps. Since establishment 1994, we have devoted ourselves to developing various high pressure washers, motorized hydro test and Custom High pressure triplex pumping system. Based on advanced technology and scientific management, modern production line, complete test equipment and quality control system, our product quality improves. With the aims of? based on quality, keep on striving ahead, make first-class and advanced products? we provide more modern and advanced products to satisfy clients from domestic and overseas market.



We wish to establish business relationships with clients all around world. For more information, please feel free to contact us or visit our website. Looking forward to doing business with you in the near future!

2. Our Factory

VOLTECH PUMPS is located in Near Ahmedabad city, Gujarat state, India, with convenient transportation access. We now have good employees staff, but still invite more people to join in us, since we are already move to our new factory, which covers an area of 7,500 square fts. In domestic market, Voltech high pressure water jet cleaners, motorized hydro test and Custom made High pressure triplex pumping system enjoys great popularity, and we hope to sell the products to more customers all over the world, used by more people.



3. Our Product

VOLTECH PUMPS Products includes the following:

- 1, High pressure water jet cleaners & washers
- 2, Hydro testing pump & systems
3. High pressure Misting, cooling & Fogging
4. Custom pumping systems
5. High pressure Bare pumps

We supply our products all over the globe to a wide range of companies worldwide, ranging from large dealers to small individual companies.

4. Our Service

Besides our existing molded products, VOLTECH PUMPS (Formerly : Voltech industrial products) also can produce high pressure washer & pump & custom systems products according to the drawings or samples or technical parameters from our customers. We control the product quality critically for every step during the manufacturing from spare parts to complete machine set. We offer technical support that is second to none.



JET CLEAN SERIES



PUMP MODEL	FLOW RATE L/MIN	PRESURE (BAR)	MOTOR HP/KW
Jet Clean 8.100	8	100	2 / 1.5 (1 / 3 PHASE)
Jet Clean 9.130	9	130	3 / 2.5 (1 / 3 PHASE)
Jet Clean 11.160	11	160	5 / 3.7 (3 PHASE)
Jet Clean 14.140	14	140	5 / 3.7 (3 PHASE)
Jet Clean 15.200	15	200	7.5 / 5.5 (3 PHASE)
Jet Clean 15.250	15	250	10 / 7.5 (3 PHASE)
Jet Clean 17.350	17	350	15 / 11 (3 PHASE)
Jet Clean 15.500	15	500	20 / 15 (3 PHASE)
Jet Clean 21.500	21	500	30 / 22 (3 PHASE)
Jet Clean 21.200	21	200	12.5 / 9.3 (3 PHASE)
Jet Clean 30.200	30	200	15 / 11 (3 PHASE)
Jet Clean 40.170	40	170	20 / 15 (3 PHASE)
Jet Clean 54.150	54	150	25 / 18.5 (3 PHASE)
Jet Clean 70.150	70	150	30 / 22 (3 PHASE)

Jetclean series pumps are direct motor driven.

above table is based on 1500 rpm (4 poles-50Hz.) electric motor.

VIP SERIES



VIP series pumps are belt and pulley driven or gear box driven

Unique Features

- Extra heavy duty power frame ensures uninterrupted smooth long life
- A wide variety of valves are available to suit different pumping fluids & applications
- A three piece liquid end block design avoids any possibility of block cracking
- Spring loaded plunger packing always ensures leak free pumping service
- Reversible valve seats double the normal life of valve seats thus become long lasting
- Quite smooth operation
- Totally dependable, reliable & efficient performance
- Easy to maintain, simple to repair & nominal maintenance

Technical Range:

Max. flow rate: Min. 7 LPM to Max. 450 LPM
Pressure : Min. 60 BAR to Max. 600 BAR

CUSTOM PUMPING SYSTEMS



Voltech Pumps is the industry leader in providing quality custom-engineered pumping systems. Each custom system is built to meet the needs of the individual customer, backed by the expertise of the Voltech Pumps technical sales and engineering team. Our team assists in all phases of the build, including gathering application information, component/configuration selection, building, testing, and after-sales support.

Purchasing a custom system from Voltech Pumps offers more benefits than simply providing a high quality pumping system. By choosing Voltech Pumps for your next custom system need, you save the time and expense of the

Following benefit tasks:

- Initial Design
- Multiple Source Buying and Receiving
- Assembly
- Testing and Validation
- System Documentation
- Packaging

Custom Engineered to Meet your Application Demands

BASE CONFIGURATION

Standard : Our standard base configuration is constructed of heavy duty steel, epoxy coated for added protection and available in a variety of sizes. Includes heavy-duty shock mounts for easy leveling and shock absorption. Drive guard also included for proper ventilation and operator safety. stainless steel models available by request.

Stacked : Stacked pump unit setup for compact installations, we offer a variety of vertically stacked options that provide smaller footprint, Enclosed pump unit

Portable : We offer a wide variety of base configurations to suit any portable application. Wheels and handles can be added to our standard base package or we can design a custom base to better meet your requirements. Carrying handles, carts, fork lift slots, lifting lugs and truck mount bases are popular configurations.

Enclosed : For installations that require extra protection or lower sound levels, we have designed fully enclosed bases. Enclosed bases also provide easy accessibility for routine maintenance.

Multiple Pump : For applications that require a higher flow or pressure rating than a single pump can achieve, we have special configurations designed for multiple pumps to meet your application demands.

POWER SOURCE : Electric motor, Diesel engine

DRIVE PACKAGES : Belt, Direct shaft, direct coupling, direct gear drive.

APPLICATIONS

With thousands of Applications operating around the world, choose Voltech Pumps for your next custom pumping system.

COMMERCIAL CONTRACTOR CLEANING



- Exterior building cleaning
- Ice abatement
- Sidewalk and driveway cleaning
- Deck cleaning
- Wet sandblasting
- Mildew, algae removal
- Graffiti removal
- Boat dock cleaning
- Gutter cleaning
- Paint preparation and removal
- Chemical injection
- Restaurant kitchen cleaning
- Hood and duct cleaning
- Carpet cleaning
- Tile cleaning
- Ship hull cleaning
- Water blasting

MANUFACTURING



- Machine tool cooling and flushing
- Flash removal of molded parts
- Dust suppression
- Central cleaning systems
- De-burring
- Hydrostatic testing
- Water-based hydraulic systems
- Electrical discharge machine (EDM)
- Auxiliary fuel feed for boiler
- Lipid extraction
- Gel and foam manufacturing
- Reverse osmosis desalination
- Conveyor cleaning
- Homogenization
- Sanitizing
- Humidity control
- DI water wash

PROCESS INDUSTRIES



- Crude oil transfer
- Glycol/methanol/carbon dioxide injection
- Waste water reinjection
- Drill cutting injection
- Hydrocarbon condensate
- Biodiesel processing
- BOP Accumulator charging (blow off preventer)
- Enhanced oil recovery
- Gas turbine inlet cooling
- Reverse osmosis-desalination
- Humidity control
- Long wall cutting/mining
- De-barking
- Condensor tube cleaning
- Water-based hydraulic systems
- Lumber conditioning
- Hydrostatic testing
- Chemical injection
- TEG gas dehydration

GOVERNMENT AND MILITARY



- Fire fighting (misting/foam)
- Reverse osmosis-desalination
- Decontamination systems
- Vehicle, building, and equipment cleaning
- Insect control
- Street sweeping
- Sewer and pipe cleaning
- Hydroexcavating
- Live wire insulator washing
- Aircraft deicing
- Underground boring
- Condenser tube cleaning
- Misting systems
- Military vehicle wash

VEHICLE CLEANING



- Self-service car wash
- Automatic car wash
- Touch-free car wash
- Bus/truck wash
- Train wash
- Aircraft washing
- Fleet wash
- Heavy equipment wash
- Mass transit wash
- Off-road equipment cleaning
- Military equipment cleaning
- Auto detailing

AGRICULTURE



- No tillage, seed/fertilizer injection
- Livestock sanitation
- Implement and equipment cleaning
- Odor control
- Foam sanitation
- Greenhouse misting
- Humidifying and temperature control
- Crop spraying
- Poultry barn evaporative cooling systems

FOOD PROCESSING



- Fish scale removal
- Crab cleaning
- Chicken de-boning
- Conveyor cleaning
- Central cleaning systems
- Homogenization
- Tank cleaning
- Sanitizing
- Metering
- Wine making
- Butter/margarine pumping
- Evisceration
- Belt cleaning

MISTING, COOLING AND FOGGING



- Odor control
- Dust suppression
- Gas turbine inlet cooling
- Pest control
- Evaporative cooling
- Humidifying and temperature control
- Greenhouse misting
- Lumber conditioning
- Visual effects
- Animal cooling
- Sporting event cooling
- Patio misting
- Boat misting
- Fire misting



HI PRESSURE TRIGGER GUN



UNLOADER VALVE



HI PRESSURE HORSE PIPE



PE PIPE FOGGING



FOGGING NOZZLE



VARIABLE FAN NOZZLE



ROTATING NOZZLE



HI PRESSURE CLEANING NOZZLE



SEWER JETTING NOZZLE



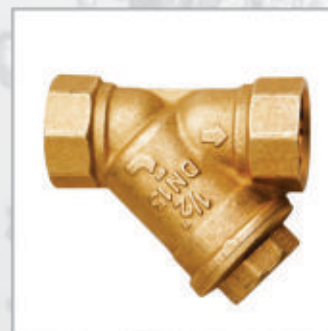
WATER SAND BLASTING
ATTACHMENT



PRESSURE GAUGE



HI PRESSURE BALL VALVE



Y TYPE STRAINER



SAFETY VALVE CUM
PRESSURE REGULATING VALVE

REQUIRED INFORMATION FOR ENQUIRY

FOR GENERAL CLEANING SURFACE PREPARATION

Application (use)

Duty : Working hours start time/stop time and frequency per shift

Pressure requirement : In Bar/ kg./cm² / PSI if possible

Flow requirement : in LPM / GPM , if possible

Surface area to be cleaned : in Sq. ft / M² / Inch²

Given time to clean surface area: in Sq.Ft/Min. or M²/Hr.

FOR VESSEL / REACTOR CLEANING

Almost all details of general cleaning and dimension of vessel / reactor

FOR TUBE / PIPE CLEANING

application : Boiler tube, heat exchanger, if any.

Tube inner dia. in mm. or inch.

Tube length

Approx. Pressure requirement : in Bar / kg/cm² / PSI

Approx.Flow requirement : in LPM /GPM

Water hardness, if available.

Brief about existing cleaning method & details of tools used.

Existing pump details, if any.

FOR MOTORISED HYDRO TEST APPLICATION

Flow rate of the pump : in LPM /GPM

if flow rate is not available, then largest and smallest equipment's size /volume)

No. of test to be carried out per day / per week.

Test pressure of equipment which you want to obtain.

Maximum pressure required which you want as factor of safety or future requirement.

Would you like to stop the pump immediately after obtaining the pressure? If no, reason.



VOLTECH INDUSTRIAL PRODUCTS

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