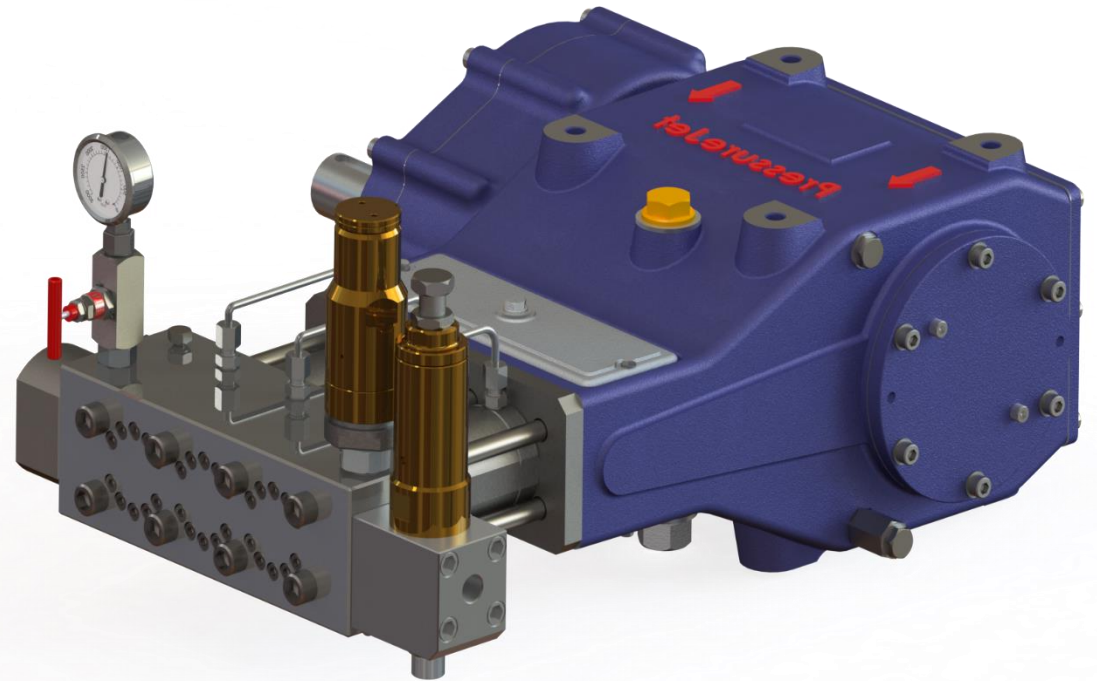


Since: 1996

Pressure Jet



1. About PressureJet
2. Department Overview
 - Machine Shop
 - Assembly Shop
 - Testing Shop
 - Quality Control
 - Quality Assurance
 - Design and Development
 - IT
 - Warehouse
3. Testimonial
4. Types of system
5. Applications
6. Certificates and Awards



In this section companies mention their strength such a way that customers start misunderstanding about lots of those things which are not the fact. We believe in straight communication and ensure that nothing inappropriate should be conveyed to our valued prospects. Being the largest high pressure triplex plunger pumps manufacturer, PressureJet offers ***"LOWEST PRICE GUARANTEE*"***

****No conditions applied***

How will you differentiate between an ordinary and an extra-ordinary manufacturer? An ordinary manufacturer will only let you know product specifications, but an extra-ordinary manufacturer will truly guide you in selecting the right equipment and teach you about quality.

We challenge all Indian High Pressure Triplex Plunger Pump manufacturers to compare with PressureJet and publish their quality parameters and infrastructure details. Do you think any manufacturer would take up this challenge?

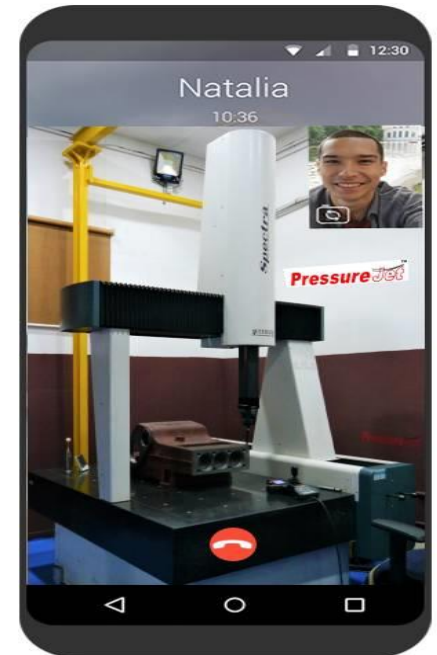
Seeing is Believing

A company tour via Whatsapp video call is the most economical , efficient & effective way to evaluate any supplier/manufacturer. Always use this tip to safeguard your investment.

ONLY INDUSTRY LEADER CAN GIVE YOU THIS TIP!

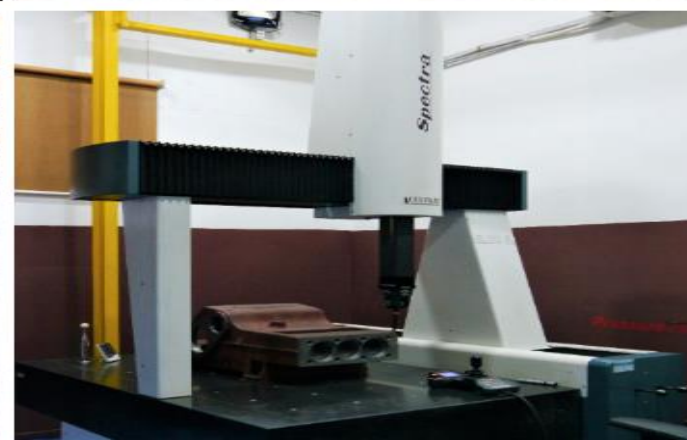
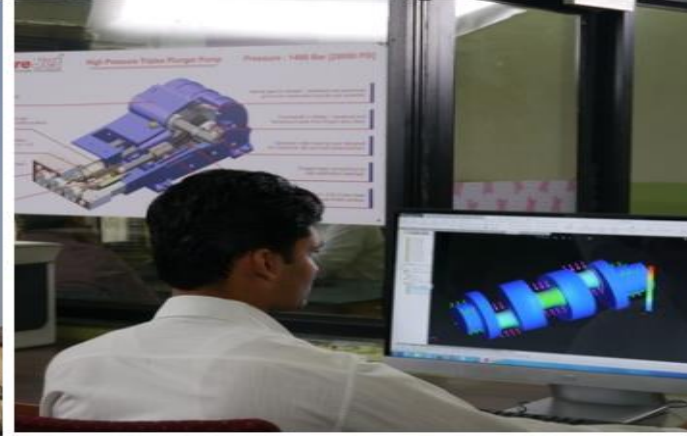


+91 9375022359



PressureJetTM
EXPLORE THE WATER POWER

About PressureJet



Production Facilities



Mill Turn (INTEGREX i-200ST-
Multi Tasking)

Make: Mazak (JAPAN)

Vertical Machining Center
(VMC)

Make: BFW (INDIA)



“5 crores investment in machine shop”

We have Invested more than Rs. 5 crores (Rs. 50 million) in the machine shop to produce highly accurate components, which ensures trouble free life of wear parts. Can any other manufacturers use this technology machine to prove their quality?



Outsourcing manufacture of such critical quality components with low production volume is impossible since suppliers find the requirement unfeasible and commercially unviable.

Production Facilities



Turn Mill (Multi Tasking)

Make: Doosan
(South Korea)

CNC Turning

Make: LMW (INDIA)



“Consistent Quality”

Having worked with a variety of suppliers, PressureJet decided it best to set up the complete component manufacturing facility in-house. Today, PressureJet has world-class, state-of-the-art, highly accurate and extremely rugged branded machinery that ensure consistent manufacturing of very high precision critical components of high pressure pumps, which are at par with international quality.

Production Facilities



CNC-Cylindrical Grinding Machine

Make: Hi-Life (INDIA)



CNC Bandsaw Machine (Fully Automatic)

Make: Indotech (INDIA)

“Drastic reduction in maintenance cost”

Tungsten coated plunger with surface roughness best in class < 0.2 Ra value. We regularly do the surface roughness test multiple times after every operation to ensure achieving such a quality.



Grinding of critical components without fully automatic cylindrical grinding machine may lead higher friction in pumps. It cost customer as high maintenance of the pump.

Assembly Shop



Air conditioned dust free environment Assembly shop

Assembly with automatic torque tightening machine (Accuracy: ± 1 %)

Use state-of-the-art Atlas Copco make electric torque wrench to tighten all bolts in your pump. Ensures perfect fitting of all parts of your pump. This ensures long life of parts. This is one of the reasons, PressureJet is the only supplier which insists customer to opt for 24 hours continues duty test, before finalizing the order and committing your major investment. No other High PressureJet Pump manufacturer in the world uses this highly sophisticated, latest tool.



In case the assembled pump has tiny dust particles, you can't even imagine that how much it will cost you in the long run.

Quality Control



CMM for GD&T measurement of components

Model: Spectra (make: Accurate)



There is the highest risk to leakage water from pumps if components don't check on CMM because CMM is only option to check within 30-micron tolerance.

PressureJet is the only High Pressure Pump manufacturer in India who inspects Geometrical Dimensions and tolerances on CMM (Coordinate Measurement Machine). These tests cost us very high but still prices of our pump are lowest in the market.

Quality Control



More than 694 quality parameters checking for single pump

Creating quality, one test at a time.



“More than 278 instruments for checking”

Thoroughly check each component of DIFFERENT pumps and accessories, using over 278 quality checking instruments including CMM. No other manufacturer can claim to have such variety of Quality checking instruments, which are essential to ensure technically correct products.

Testing Shop

Fully automatic testing bench with SCADA system

3 pumps can be tested up to 250 HP



“500 hours continuous Testing”

We test each model for 500 hours of rigorous, continuous duty performance before it is introduced in the market. All our pumps undergo rigorous, continuous test at full test parameters for 500 hours, to ensure trouble free and a long life of our pumps in the field.



Provide online access to view the pump performance during Inspection. Enables you to view the actual performance of your pump through IP cameras in real-time.



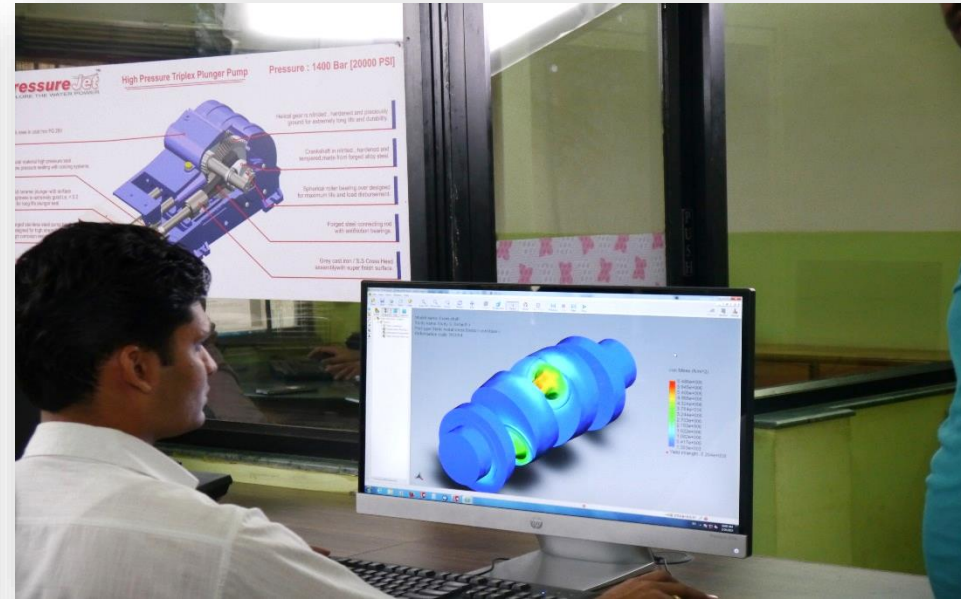
PressureJet can produce proof of such tests, no other manufacturer can! More than 90% manufacturers do not have a test bench where they can take such test!!

High-tech modeling and analysis software

Team of 10 creative engineers



Use Work Stations with licensed 3-D Solid Work Software. Increases accuracy through better designs, reduces costs through increased productivity and guaranteed lab test design parameters, which saves unbelievable resource cost on the account of Trial and Error.



We are the only company in the world who offers you to share all details manufacturing drawings of all the components. We are not hesitant to share our knowledge with the customer, so that you can review and analyze whether we are offering really world class machine.

Warehouse



Largest inventory stock

Spares dispatch within 24 hours due to VLM

Our Inventory of spares and accessories were worth Rs. 6 Crores as on 31.03.2018. We can furnish CA Audited balance sheet on customer's request. We can challenge that all other manufacturers put together in India have not this much inventory. That is the reason PressureJet can dispatch spares & accessories within 2-3 working days of order confirmation in almost 99% cases.



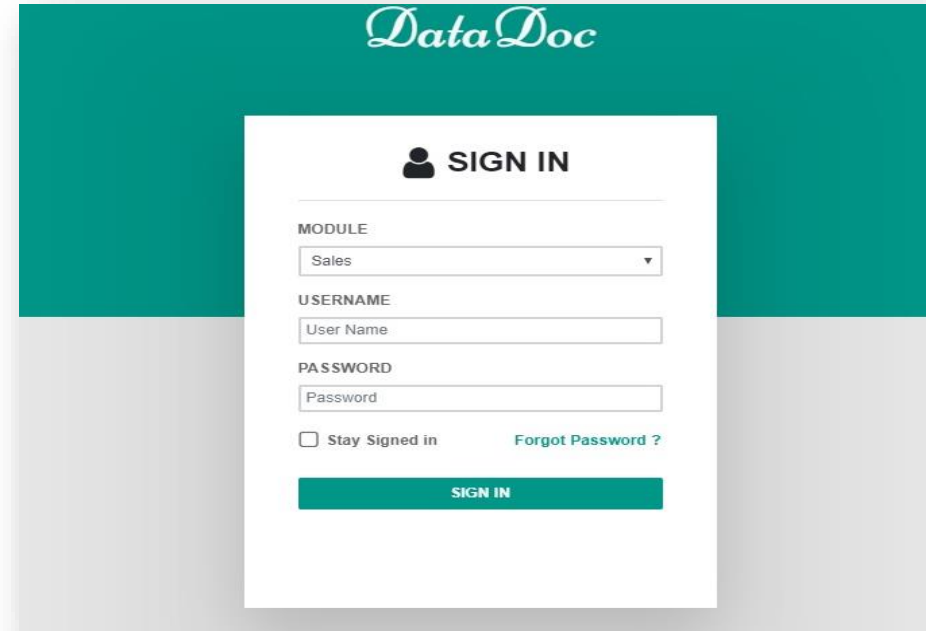
Our warehouse is bound by standard operating procedures and we follow the FIFO (First in, First out) system. To make the working efficient, the warehouse is equipped with Vertical Lift Machines (VLM). The bar code system is in place to ensure flawless management of materials. A daily updation of the warehouse log ensures total control on the parts and equipment in stock. Thus, the 'out of stock' situation is eliminated and the spares and parts that are required are always available.

World class ERP –ORACLE e-business suite



World Class IT System

PressureJet implemented Oracle EBS12.1.3. There are innumerable features which many other software do not have. One of the features is: 80% Purchase Orders for items that go in your pump are sent automatically. Less human intervention means faster processes, correct and timely purchases, and reduced employee cost. This is the reason why PressureJet is very competitive in spite of being No.1 in Quality

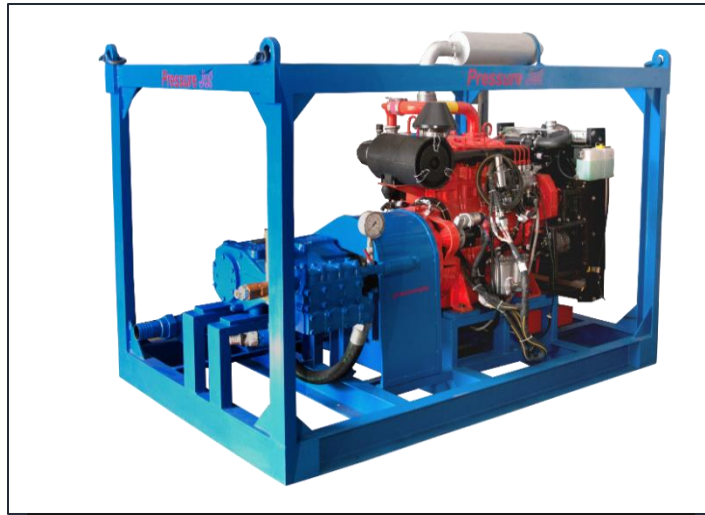


PressureJet has its own CRM and document management system (DATADOC) that have been developed in-house. These have been the backbone of PressureJet's growth and success. Despite having more than 5000 customers and 500 vendors, the company's all departments conduct absolutely paperless operation. We take great pride in keeping ourselves abreast of latest IT developments to aid the business.

PressureJet proudly claim that in 98% of the cases, it can successfully retrieve any document (in soft copy format) within a maximum of 59 seconds..!!



Trolley mounted system-non FLP



Base frame mounted system with diesel engine



Trolley mounted system with cover



Skid unit with water tank



Movable trolley mounted system

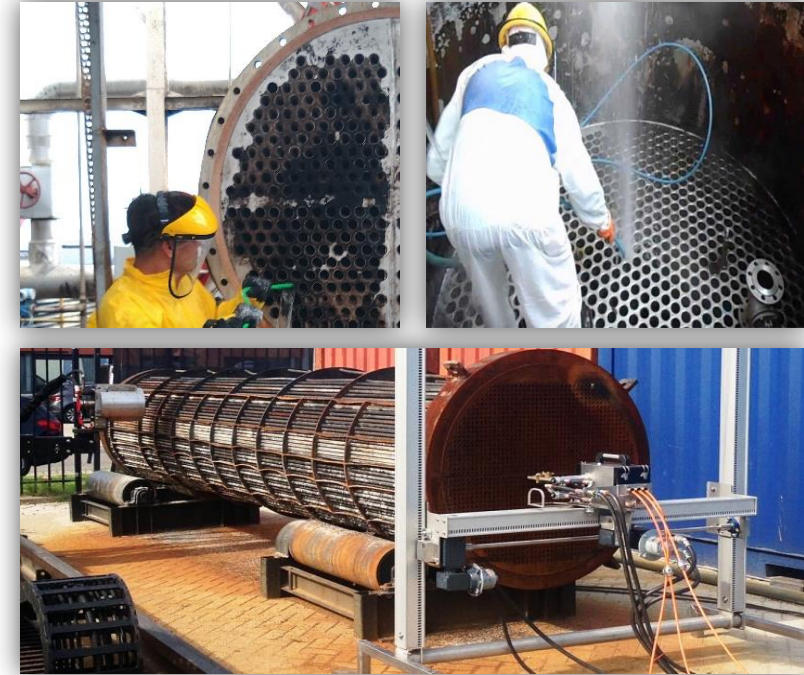


Trolley mounted system-FLP

Hydro Jetting Machine (Tube Cleaning & Pipe Cleaning)



PressureJet TM	Min.	Max.
✓ Pressure (Bar):	150	1500
✓ Flow Rate (LPM):	14	73
✓ Power (HP):	5	250



“First choice of hydro jetting contractors”

PressureJet received India’s largest single purchase order (RS. 1 crore) of the hydro jetting machines from Shree Samarth Engineers.

Hydro Blasting Machine



PressureJet TM	Min.	Max.
✓ Pressure (Bar):	150	1500
✓ Flow Rate (LPM):	14	73
✓ Power (HP):	5	250



We are the only manufacture in India that can guarantee that noise levels of our pumps are within an optimum range. PressureJet uses high quality nitride hardened double helical gears of DIN Class 4 to ensure optimum noise level of their pumps, no other Indian manufacturer can dare to give you such guarantee. Our pumps undergo Noise Level check using “Sound Level Meter” of make TES (1350 A). We dare all the manufacturers to give noise level test for their pumps; we are ready to do it anytime.

High Pressure Cleaners



PressureJet™	Min.	Max.
✓ Pressure (Bar):	60	500
✓ Flow Rate (LPM):	12	70
✓ Power (HP):	2	40



In the segment of high pressure cleaners we are using the accessories of “PA” from Italy, which is superior in quality, durable, proven and quite reliable. On the contrary other manufacturers are using accessories of “Techomec” which is although cheaper in price but inferior in quality. We have purchased various accessories of Techomec and done quality testing in our QC department and got the negative report. We wanted to create this awareness to the customer that please evaluate the quality of accessories while finalizing the pump because poor accessories will reduce the performance of pump and cause recurring expanses of purchasing accessories. PressureJet as a responsible company can furnish you quality comparison report on your request.

Hydro Test Pump



PressureJet TM	Min.	Max.
✓ Pressure (Bar):	150	1500
✓ Flow Rate (LPM):	14	73
✓ Power (HP):	5	250

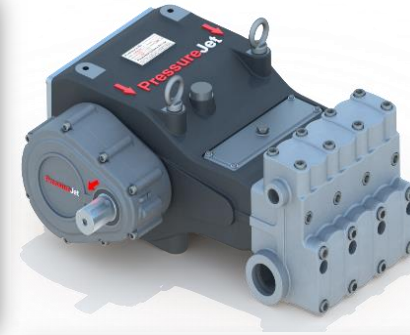


PressureJet is the only manufacturer in India that is using forged steel connecting rod with anti frictional property and bigger pin construction area to bear extra load. This has increased mechanical properties like yield and tensile strength of the connecting rod by 3 times of conventional SGI connecting rods used by other manufacturers. The strength and load bearing capacity of our connecting rod is unmatched.

Sewer Jetting Pumps



PressureJet TM	Min.	Max.
✓ Pressure (Bar):	75	250
✓ Flow Rate (LPM):	14	445
✓ Power (HP):	5	240



PressureJet offers Forged crankshaft. It has been scientifically proved that forged crankshaft is considered as best for the performance of reciprocating triplex plunger pumps because of its strength and durability. We can challenge that no other Indian manufacturer is offering you a forged crankshaft, if anyone else can then we will supply our pump free of cost.

UHP Fire Fighting Suppression System & Pumps

PressureJet TM	Min.	Max.
✓ Pressure (Bar):	75	250
✓ Flow Rate (LPM):	14	445
✓ Power (HP):	5	240

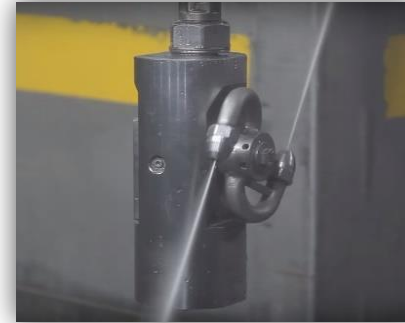


Incorporate “BLIND QUALITY CONTROL” feature that prohibits inspection team access to data on quality checks. Ensures 100% quality deliverance for client, reduces overall costs.

Tank and Reactor Cleaning



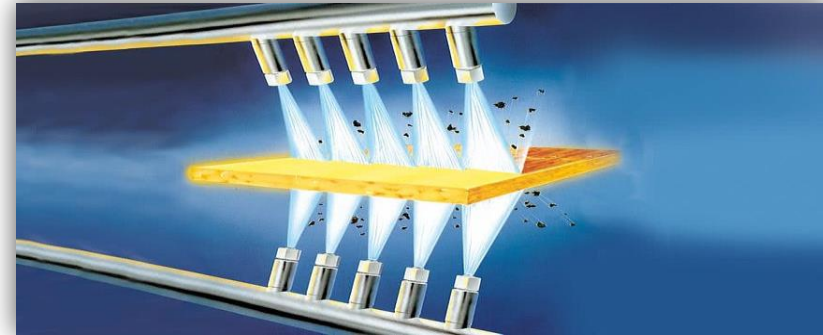
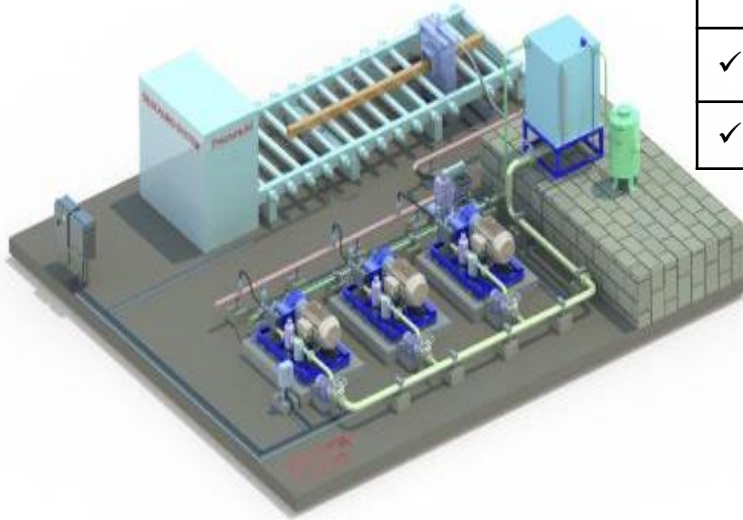
PressureJet TM	Min.	Max.
✓ Pressure (Bar):	60	250
✓ Flow Rate (LPM):	14	445
✓ Power (HP):	5	240



PressureJet uses the world class accessories with their pumps as an example our pressure gauges are of the make “Wika”, which is known as world leader in their product segment. This shows how conscious we are to use best of the accessories for our pumps.

Hydraulic Descaling System

PressureJet TM	Min.	Max.
✓ Pressure (Bar):	75	500
✓ Flow Rate (LPM):	14	445
✓ Power (HP):	5	240



Quality of gear ensures the vibration level of the pump in control. We can challenge all the other manufacturers if they can maintain the vibration levels of their pumps even close to PressureJet.

Model : KDD

PressureJet Systems Pvt. Ltd.

Max Pressure : 1400 bar

Crank Case made in FG 260 high strength casting with honned surface finish bore.

Helical gear is nitride hardened and precision ground for extremely long life and durability.

Special Material High pressure seal & Low pressure sealing with cooling systems.

Crankshaft is made of Forged Alloy steel with nitrated, hardened and precision ground for extremely long life and durability.

Solid ceramic Plunger with surface roughness is extremely good i.e. <0.2 Ra for long life plunger seal

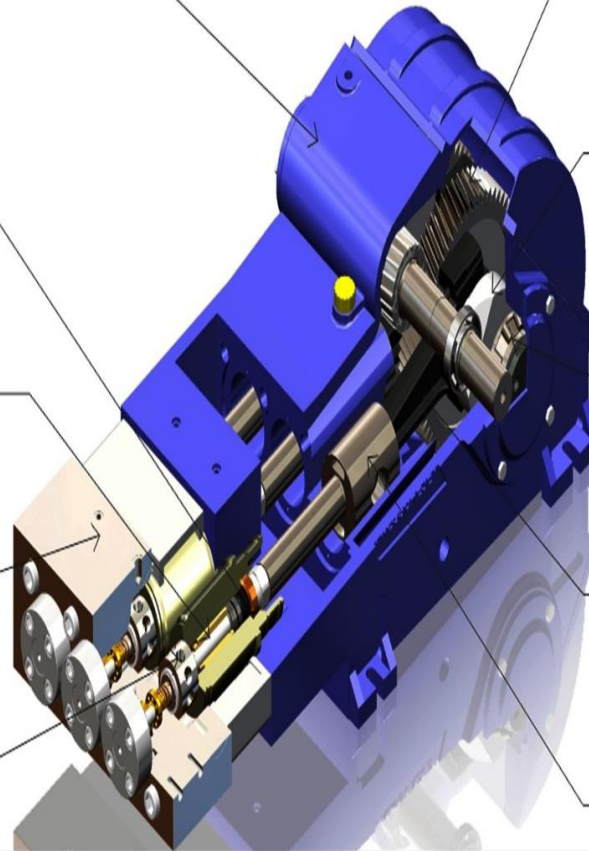
Spherical Roller bearing oversized for maximum life and load disbursement. Spherical Roller bearing enables it to handle 26% more load than other pumps.

Pump Head is made of high corrosion resistant. Forged stainless steel with high strength.

Connecting rod made in Forged steel with antifriction bearings. Heavy pin area construction, for added load strength.

Valve Assembly made in Special Stainless Steel. In-line Suction /Delivery Valve Assembly.

Cross Head & stainless steel Cross Head rod are hardened & super finish surface.



Date: 16th November - 2018

To,
Sales Manager
M/s. PressureJet Systems Pvt. Ltd.
62/13, Phase - 1, GIDC,
Vatva, Ahmedabad- 382445
India

Sub.: Performance Evaluation of Last 3 years

As you know, we are India's only manufacturer of Horizontal Directional Drilling Machine and competing American, German and Chinese manufacturers successfully.

In last 3½ years, we have purchased more than 300 Nos. high pressure reciprocating plunger pumps from M/s. PressureJet.

As we are the largest consumer of High Pressure Pumps in India, we are approached by almost all manufacturers. Let us honestly confess that Quality, Reliability, Price, Service, Product Development, Understanding our need, Support in payment terms, M/s. PressureJet is far ahead of other players and almost unbeatable.

We are glad to inform you that Quality consistency and dependability is 100%.

We appreciate customer centric approach of M/s. PressureJet and honest intension to really help customers, becoming them more competitive. M/s. PressureJet came forward to develop a special cost effective model for our application and reduced the cost from Rs.2,90,000/Each - to Rs.1,50,000/Each.

We use model VA- 57 (60 HP), KBD (75 HP) and PA (40 HP) for our various model.

We strongly recommend personally visiting and reviewing the manufacturing facility of M/s. PressureJet, which is probably the most advanced in India, among all other manufacturers. In today's technological world, even if someone use WhatsApp video call, can review M/s. PressureJet's facility in 10 minutes.

We have also placed a new order of 260 HP High Pressure Pump for our new model.

We wish you all the best for your expansion and newly advanced manufacturing facility, where you have a plan to invest Rs. 20 Crore.

Regards,

Parth Patel
(Director)


Shallesh Prajapati
(Sr. Manager - Procurement) - Cellular-9773456852

ApolloTechno Industries Pvt. Ltd.

CIN : U29100GJ2016PTC091682

Survey No.167, Near Keshav Fertilizer, Ahmedabad-Mehsana NH-8, Mandali - 382732, Dist.: Mehsana (Gujarat) India.
+91-9909014960, 9099077566 | info@apollo techno.in | www.apollo techno.in



شركة مصنع بترول ناس المحدودة

Naas Petrol Factory Company Ltd.

Ref. No. N01/07/18

Date: 21 June, 2018

To,
M/s Pressure Systems Pvt. Ltd
62/13, Phase-1, G.I.D.C
Vatva, Ahmedabad,
Gujarat, India-382 445.

Sub.: Installation and commissioning of KB-20 (750 Bar) Hydro Jetting System.

Dear Sir,

We are very much enthused to write to express my profound gratitude to you and entire PressureJet team which has successfully installed and commissioned the **KB-20 (750 Bar) Hydro Jetting System** as per the scope of work.

We received full co-operation from PressureJet's team during the commissioning period in solving problem to our satisfaction. We specifically appreciate **Mr. Parth Patel** for their effort by providing training to our engineers with appropriate training materials.

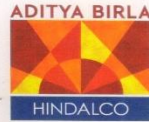
We would like to appreciate your customer support and spares delivery.

Yours Faithfully

Salman Mohsin Raji Al Mutairi
Chairman,
Naas Petrol Factory Co.
Riyadh, Saudi Arabia.



شركة مصنع بترول ناس
س.ت ١٠٢٩٨٤٢٤
Naas Petrol Factory Co.
C.R.1010298424



GMM/ 25

27th November, 2018

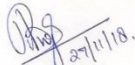
TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/s. Flowtech Industrial Company, Lucknow had supplied one no pump for Hydrazine filling in Boiler having specification as "Pressure Jet, Make - High Pressure Triplex Plunger Pump, Model - TR 45, Pressure - 15 Kg/cm², Speed - 400 SPM, Cap - 105 LPM, V-belt Drive along with Induction Motor Kw-5.5, V-415, A-10.48" to our organization against P.O. No. R32/141414148/Z30 dated 19.07.13.

This pump was supplied and commissioned in November, 2013. It is used for feeding the Hydrazine in Boiler when Unit comes after shutdown. Operation of this pump is maximum 25-26 times annually.

The Pump is functioning satisfactorily after commissioning to till date.

For Hindalco Industries Limited
(Renusagar Power Division)


(R.P. Singh)
Vice President (Turbine & Auxiliaries)



12

October 31, 2018

M/s Pressure Systems Pvt. Ltd
62/13, Phase-1, G.I.D.C
Vatva, Ahmedabad
Gujarat, India-382 445

Sub: Installation and commissioning of KB-20 (750 Bar) Hydro Jetting System.

Dear Sir,


We would like to express our sincerest thanks and gratitude to you and your entire team for the successful installation and commissioning of your KB-20 (750 Bar) Hydro Jetting System in our plant.

With the aforementioned technology of yours, we truly appreciate the full cooperation of your Pressure Jet's team during the entire duration of the commissioning activity. The commissioning activity involved the review of the pump performance based on the flow and pressure. Alongside the technical knowledge, the behaviour and skills of the operators were also enriched.

We would also like to commend Mr. Dilavarsinh Dodia's efforts in sharing his expertise on the proper operation, maintenance and troubleshooting techniques to our operators.

Truly, we are grateful for your utmost customer support.

Respectfully yours,


SHERRY ANN R. JARDER
Manager
Process Department
URC-SURE Distillery Plant

M/S. SHREE SAMARTH ENGINEERS

SPECIALIST IN: IBR Boiler and piping erection & Repairs, Boiler external and internal cleaning By High Pressure Water Jet Machine, condenser cleaning services, Supply of water softeners & Boiler chemicals. (1st Class IBR Approved Contractor up to 125 kg/cm² Pr.)

Marketing Office:- 250/5, B, Ward, Vishwasager Appartment, Near Mahaveer Collage, Nagala Park, Kolhapur, Pin:- 416001, Mobile:-0 9922808384, Email: vshipugade@yahoo.com

SSE/PJ/2018-19/C-09

Date : 30/11/2018

To,
M/s. PressureJet Systems Pvt. Ltd.
62/13, Phase - I, GIDC,
Vatva, Ahmedabad- 382445, India

TO WHOMSOEVER IT MAY CONCERN

We introduce ourselves as one of the leading Hydro Jetting Company, situated at Kolhapur, Maharashtra, India. We provide our Hydro Jetting services to Sugar Industries, Distilleries, Chemical Industries and Refineries.

We have been buying Hydro Jetting Machines from M/s. PressureJet for more than 4 years and so far we have purchased 15 nos. hydro jetting machines. Out of 15 machines, 11 no. of machines are 1100 bar and 1400 bar machines with 150 hp motor and we are highly satisfied with the performance of PressureJet high pressure pumps.

We would like to share our one unpleasant experience.

Our first very high pressure (i.e. 1400 bar) KDD20 hydro jetting pump, which we purchased on dated 17/01/2016 was broken after 11 months due to the usage of accessories, other than specified by M/s. PressureJet. Even though M/s. PressureJet offered us services, but at that time we were not happy due to accident, therefore we have refused to take services and stopped working with M/s. PressureJet for almost 1 year. During this time, we tried other leading manufacturers, but we were not satisfied with their quality and service.

M/S. SHREE SAMARTH ENGINEERS

SPECIALIST IN: IBR Boiler and piping erection & Repairs, Boiler external and internal cleaning By High Pressure Water Jet Machine, condenser cleaning services, Supply of water softeners & Boiler chemicals. (1st Class IBR Approved Contractor up to 125 kg/cm² Pr.)

Marketing Office:- 250/5, B, Ward, Vishwasager Appartment, Near Mahaveer Collage, Nagala Park, Kolhapur, Pin:- 416001, Mobile:-0 9922808384, Email: vshipugade@yahoo.com

SSE/PJ/2018-19/C-09

Date : 30/11/2018

Ultimately, we have again approached M/s. PressureJet. They welcome us without any prejudice and offered us excellent services at very reasonable price. After that, M/s. PressureJet offered us 200 hours of continuous running trial at their works. We impressed with the trial and after gaining high confidence, we placed an order of one more KDD20 hydro jetting machine on dated 13/01/2018, which has performed extraordinarily. This is the reason, we have placed an order on dated 27/08/2018 for another 9 nos. similar high pressure pumps, which are now installed and performing well.

Let me inform you that their Infrastructure is highly advanced and it is worth visiting and reviewing their manufacturing process.

The most important thing for a contractor is quick service support, immediate availability of spares at very reasonable price. It is our experience that no one can match quality, service, delivery and all other necessary support, which M/s. PressureJet offers!

Our projection is to have a fleet of 35 nos. of hydro jetting machines in next 1 year and we are confident that M/s. PressureJet will definitely extend all possible support to enable us to grow.

We wish you Good Luck.....

Regards,

Mr. V P Shipugude
For Shree Samarth Engirres

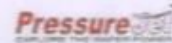


CERTIFICATE **TUV NORD**

Management system as per
ISO 9001 : 2015

In accordance with TÜV INDIA procedures, it is hereby certified that

PRESSURE JET SYSTEMS PVT. LTD.
62/13, Phase - I, GIDC, Vatva,
Ahmedabad - 382 445, Gujarat,
India



applies a quality management system in line with the above standard for the following scope

Design, Manufacture and Supply of High pressure Plunger Pump for Water Jetting Systems, High Pressure Cleaning Systems, Hydrostatic Pressure Testing Systems, Car Washer Systems, Sewer Jetting Systems, Tube & Pipe Cleaning Systems, High Pressure Water Descaling Systems, Wet Sandblasting systems, Fogging-Misting-Humidification Systems, Spraying Systems, Reverse Osmosis Systems and Injection Systems

Certificate Registration No. **QM 02 00452**
Audit Report No. **Q 3351/2010**

Valid until **10.01.2020**
Valid from **11.01.2017**
Initial Certification **11.01.2011**

S.K. Kulkarni

Certification Body
at TÜV INDIA PVT. LTD.

Issue **09.12.2016**
Place : **Mumbai**

This certification was conducted in accordance with the TÜV INDIA auditing and certification procedures and is subject to regular surveillance audits.

TUV India Pvt. Ltd., 801, Raheja Plaza - 1, L.B.S. Marg, Ghelkoper (W), Mumbai - 400 056, India www.tuv-nord.com/in



dun & bradstreet



एन.एस.आई.सी.
NSIC
ISO 9001 : 2008

This is to certify that

Pressurejet Systems Private Limited

has been assigned
a SMERA-D&B-NSIC Performance & Credit Rating

SMERA MSE 3

This rating indicates **Good credit worthiness in relation to other MSEs**

Financial Strength: **Good**
Operating Performance: **High**

D&B D-U-N-S® Number: **92-199-7925**

Location: **Ahmedabad**
Entity Type: **Private Limited**

This Rating is valid from **Feb 20, 2018 to Feb 19, 2019**



To verify this certificate click:
smera.in/Duns921997925.pdf
or scan the QR Code

For SMERA Ratings Limited

Sankar Chakraborti
Sankar Chakraborti
Chief Executive Officer

Disclaimer: SMERA's Ratings are based on the information provided by the MSE and obtained by SMERA from sources it considers reliable. Although reasonable care has been taken, SMERA makes no representation or warranty, expressed or implied with respect to the accuracy, adequacy or completeness of any information used. SMERA is not responsible for any errors or omissions in the Rating or the Rating Report. SMERA has no financial liability, whatsoever, for any direct, indirect or consequential loss of any kind arising from the use of its Ratings. A SMERA Rating does not constitute an audit of the rated entity and should not be treated as a recommendation or opinion or a substitute for buyer's or lender's independent assessment.



PRESSUREJET SYSTEMS Pvt. Ltd.
INDIA

is acknowledged as a

2013

HAWK Champion Distributor

in appreciation for achieving excellent performances
and
outstanding growth

Alberto Bertignon
Sales Manager

December 2013

www.hawkpumps.com

HAWK CHAMPION DISTRIBUTOR



PRESSUREJET SYSTEMS Pvt. Ltd.
INDIA

is acknowledged as a

2014

HAWK Champion Distributor

in appreciation for achieving excellent performances
and
outstanding growth



Alberto Bertignon
Sales Manager

December 2014

www.hawkpumps.com

HAWK CHAMPION DISTRIBUTOR



PRESSUREJET SYSTEMS Pvt. Ltd.
INDIA



Is acknowledged as a

2015

HAWK Champion Distributor

In appreciation for achieving excellent performances
and
outstanding growth

Alberto Bertignon
Sales Manager

December 2015

www.hawkpumps.com

HAWK CHAMPION DISTRIBUTOR



PressureJet



Is acknowledged as a

2016/2017

HAWK Champion Distributor

In appreciation for achieving excellent performances
and
outstanding growth

Lorenzo Valli
Export Manager



March 2017

www.hawkpumps.com

HAWK CHAMPION DISTRIBUTOR