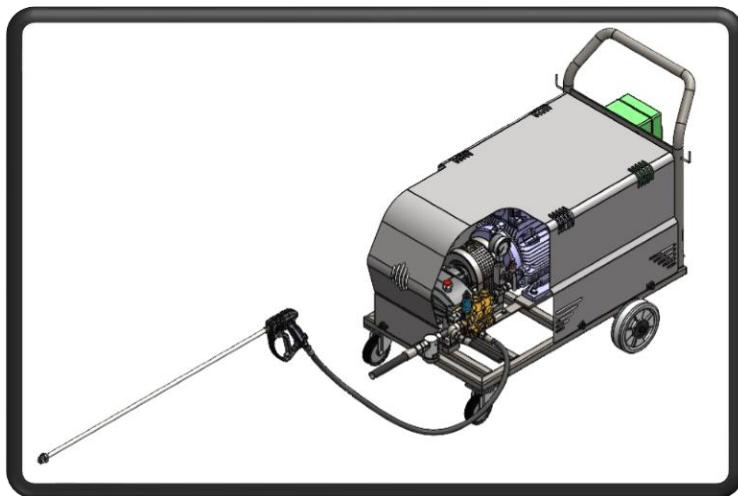


# HIGH PRESSURE CLEANING SYSTEM



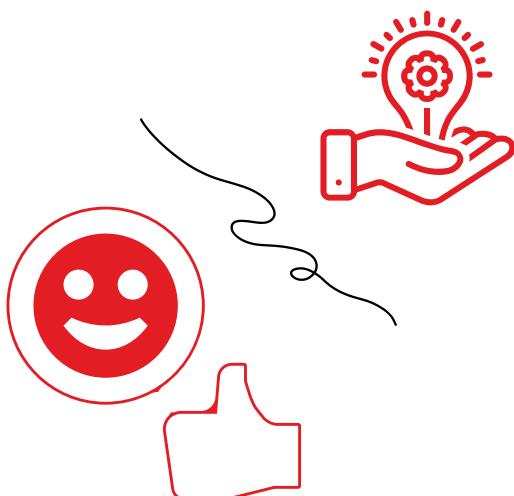
**1<sup>st</sup>**  
1<sup>st</sup>

CHOICE OF MANY FOR HYDRO BLASTING



# ABOUT US

- PressureJet Systems Pvt. Ltd., founded in 1996 by Mr. Vishal Shah, has been offering best quality products to clients for more than 25 years.
- PressureJet systems Pvt. Ltd is the India's Largest manufacturer of high pressure triplex plunger pump.
- Our top priority is to provide high-quality products at affordable pricing.
- We are offering widest range of triplex plunger pumps from 60 bar to 1400 bar pressure for various Applications.



- We offer complete end to end solutions for Hydro jetting, Hydro Blasting, High pressure cleaning, Hydro-static pressure testing, Descaling, Sewer jetting, Fire-fighting, misting and fogging, paint and rust removal.
- We have stringent quality controls across all manufacturing, assembling, and testing processes.
- PressureJet has Global Presence in more than 50 Countries worldwide.

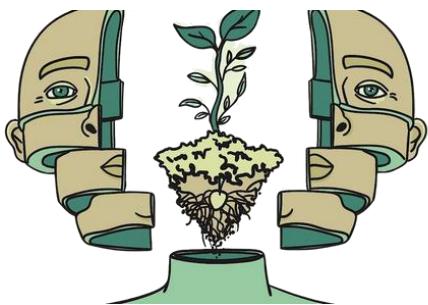
## RECOGNITIONS



Hawk Champion  
Distributor Since 2013



# IDEOLOGY



- At PressureJet, **transparency** is a fundamental principle that we follow. We feel proud to inform our customers about our products, fair pricing, and ethical business practices. In this digital era, there are no secrets in technology, and we rely on organized management and procedures. We assure complete openness and honesty about the quality of our services to help our customers compare and choose the best option.

# VISION



- "Our goal is to become a globally recognized brand for high pressure reciprocating plunger pumps and complete systems. As a professionally managed and governed Indian multinational, we aim to prioritize reliability, affordability, accessibility, and excellence in everything we do."
- **"Our objective is to be the market leader in the USA, Germany, Japan & China."**

# MISSION



- Be the **most technologically competent** Engineering Company by Designing, Developing, and manufacturing products which delivers **Highest** Value for Money and Reliability.
- Be the **most innovative** marketer to create an ecosystem where every buyer/consumer can evaluate PressureJet products and services to develop full confidence and buy with minimal efforts.
- We will **grow our personnel** through competency-based, systematic learning programs, as meritocracy is at the foundation of the business.

# WHY PRESSUREJET?

QUALITY PRODUCTS MADE BY USING WORLD-CLASS MACHINERY



BMV60-TC24  
Chakra



Mazak INTEGERX -  
i200st 9 Axis Mill-Turn



KAFO BMC-3122  
Double Column

- Thanks to these machinery, we can offer unmatchable 8-10 micron efficiency



Mazak HCN-  
6800 HMC



Doosan LYNX 220  
LSYC



CMM  
Machine

## WHY HIGH TECH MACHINE IMPORTANT FOR ACCURACY ?

- Designed for precision and consistency in their operations.
- They use advanced sensors, software, and precision components to measure, cut, drill, or perform other actions accurately.
- With smaller tolerances indicating higher accuracy.
- In High pressure pumps, even small deviations can cause product defects or safety issues.
- Essential for ensuring products meet required standards of quality and performance.



# BARE PUMP

## PLUNGER SEAL

Durable Fiber Impregnated Buna-n Seal

## PUMP HEAD

High Strength Forged Brass



## Plunger (Surface Finish)

High Finish Ceramic ( $< 0.25 \text{ Ra}$ )

## CRANK SHAFT

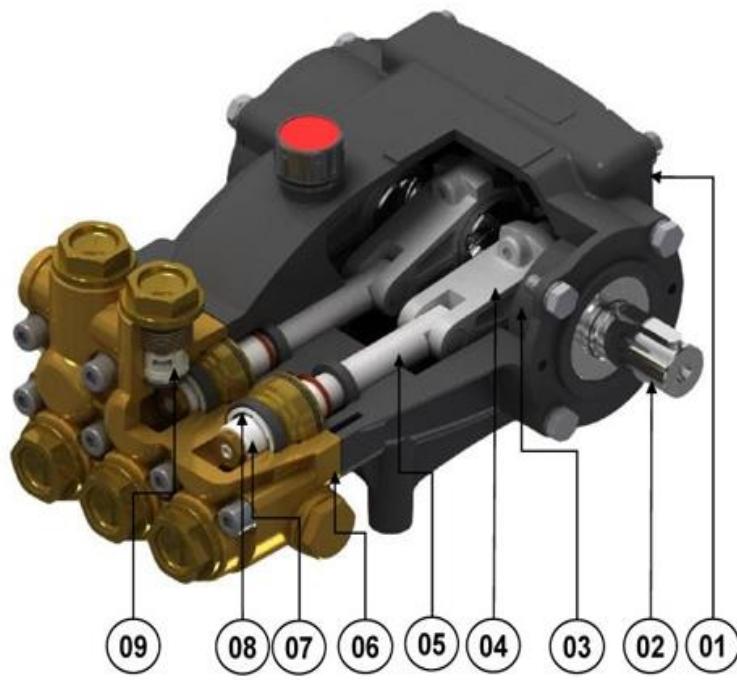
Forged Alloy Steel,

Hardened & Ground

## Crank Case (Pump Body)

High Strength Aluminum Pressure Die Casting

# BARE PUMP -Material of Construction of Major Parts



1. **Crank Case:** - Crank Case made of High Strength Aluminum Pressure Die Casting, with fit led anti friction bush.
2. **Crankshaft:** - Crankshaft is made of Forged Alloy Steel, with Hardened & Ground.
3. **Bearing:** - Oversized for maximum life and load disbursement. Taper roller bearing enables it to handle 26% more load than other pumps.
4. **Connecting Rod:** - Forged Aluminum connecting rods with antifriction bearings. Heavy pin area construction, for added load strength.
5. **Piston (Plunger Rod):** - Stainless Steel Construction for hard surface coating and super finish.

6. **Pump Head (Manifold Housing):** - Pump head is made of High Strength Forged Brass.

7. **Plunger:** - Primarily composed of High Finish Solid Ceramic Plunger and Surface roughness is extremely good i.e.  $<0.25$  Ra for less wear of Plunger seal.

8. **Plunger Seal:** - Durable Fiber Impregnated Buna-n Seal packing (Make Parker, Germany) for high compressive & tensile strength ensures effective sealing.

9. **Complete Valve:** - Valves made of Stainless Steel, anti-corrosion hard surface coated for long life. High volumetric efficiency, valves operate at more than 95% efficiency.

# WHY PRESSUREJET?

## WELL EQUIPPED DESIGNING TEAM

- Passionate and innovative In house designing team
- Equipped with licenced 3-D SOLIDWORKS software.
- which Increases accuracy reduces costs overall
- 16+ dedicated staff for development of new products



## DUST-FREE ASSEMBLY - SAY NO TO BREAKDOWN

- Every pump is assembled under the monitored environment to ensuring the longer life of the pump. Dust free assembly will lead to minimal breakdown of pump in longer run.
- For ensuring proper working of pump we use, state-of-the-art computerized torque wrenches to tighten all bolts in your pump.

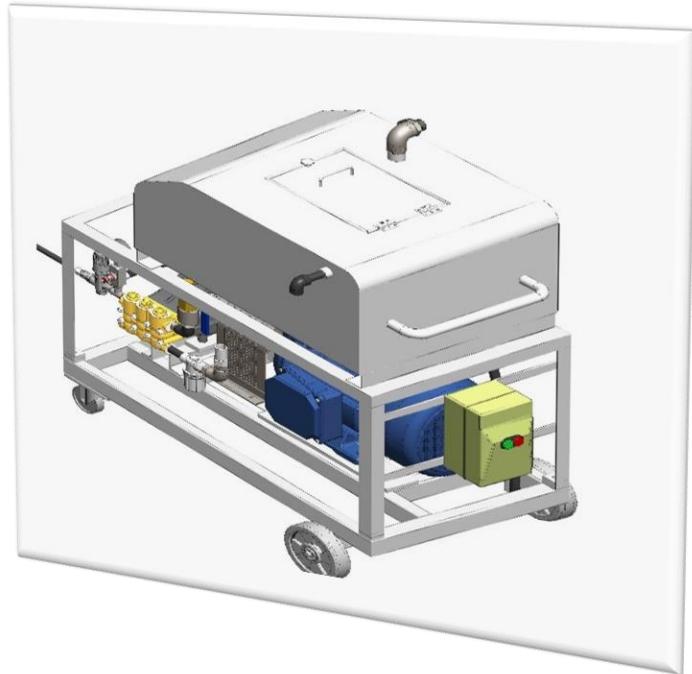
## ADVANCED IT

- PressureJet has Oracle EBS 12.1.3, to ensure best possible automation in accounting as well as procurement. 80% of pump spares have automatically generated purchase orders. Ultimately It reduces human intervention .
- PressureJet also has In house developed Datadoc software, which helps in smoothening business processes.



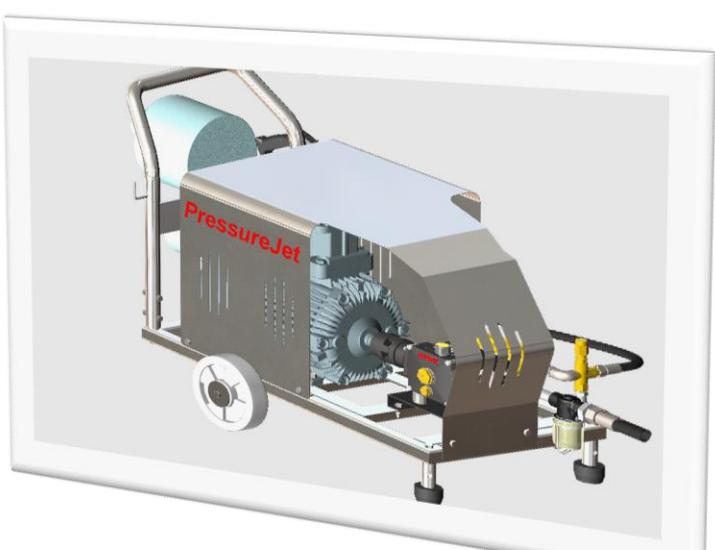
# Hawk Model selection chart

Sr. No.	Photo	Item Name	Make	Flow Rate (LPM)	Pressure (Bar)	Weight (kgs)
1		NHD1415R Bare Pump	Hawk, Italy	14	80	6.6
2		NHD1415R Bare Pump	Hawk, Italy	14	140	6.6
3		NPM1525R Bare Pump	Hawk, Italy	15	250	9.5
4		NMT2120R Bare Pump	Hawk, Italy	21	200	9.5
5		NLT3020IR Bare Pump	Hawk, Italy	30	200	14.8



# Hawk Model selection chart

6		XLT2730IR Bare Pump	Hawk, Italy	27	300	17.2
7		XLT5415IR Bare Pump	Hawk, Italy	54	150	17.2
8		XXT7015IR Bare Pump	Hawk, Italy	70	150	18.4
9		PX1735IR Bare Pump	Hawk, Italy	17	350	19.2
10		PX1550IR Bare Pump	Hawk, Italy	15	500	19.2
		PX2150IR Bare Pump	Hawk, Italy	21	500	19.2
11		MPX3050IR Bare Pump	Hawk, Italy	30	500	28.5



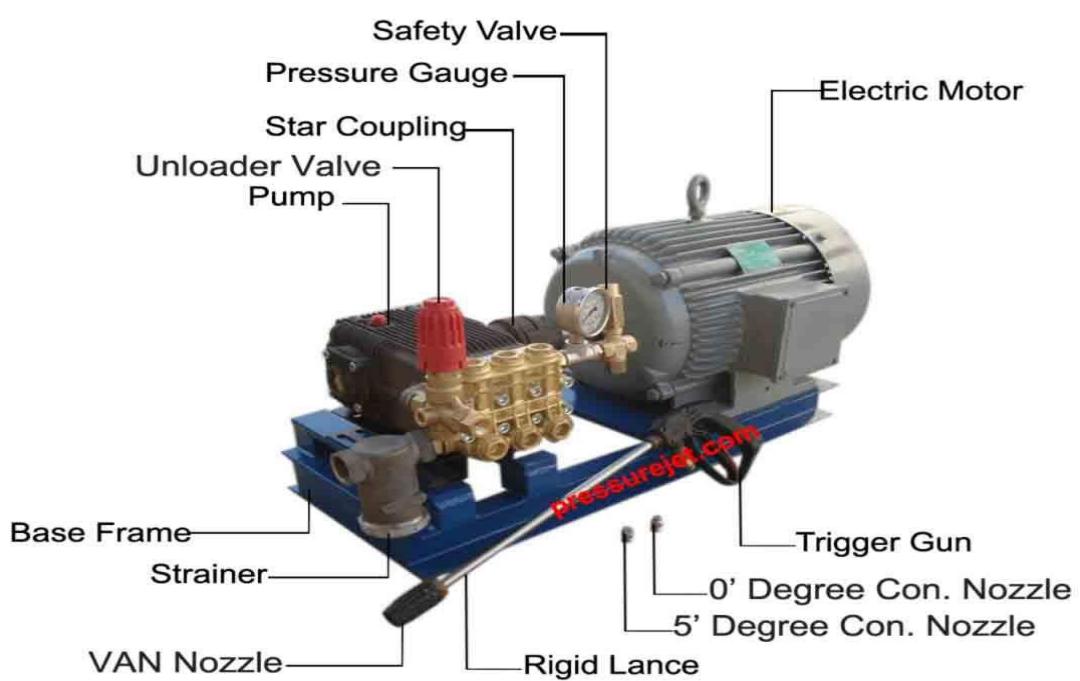
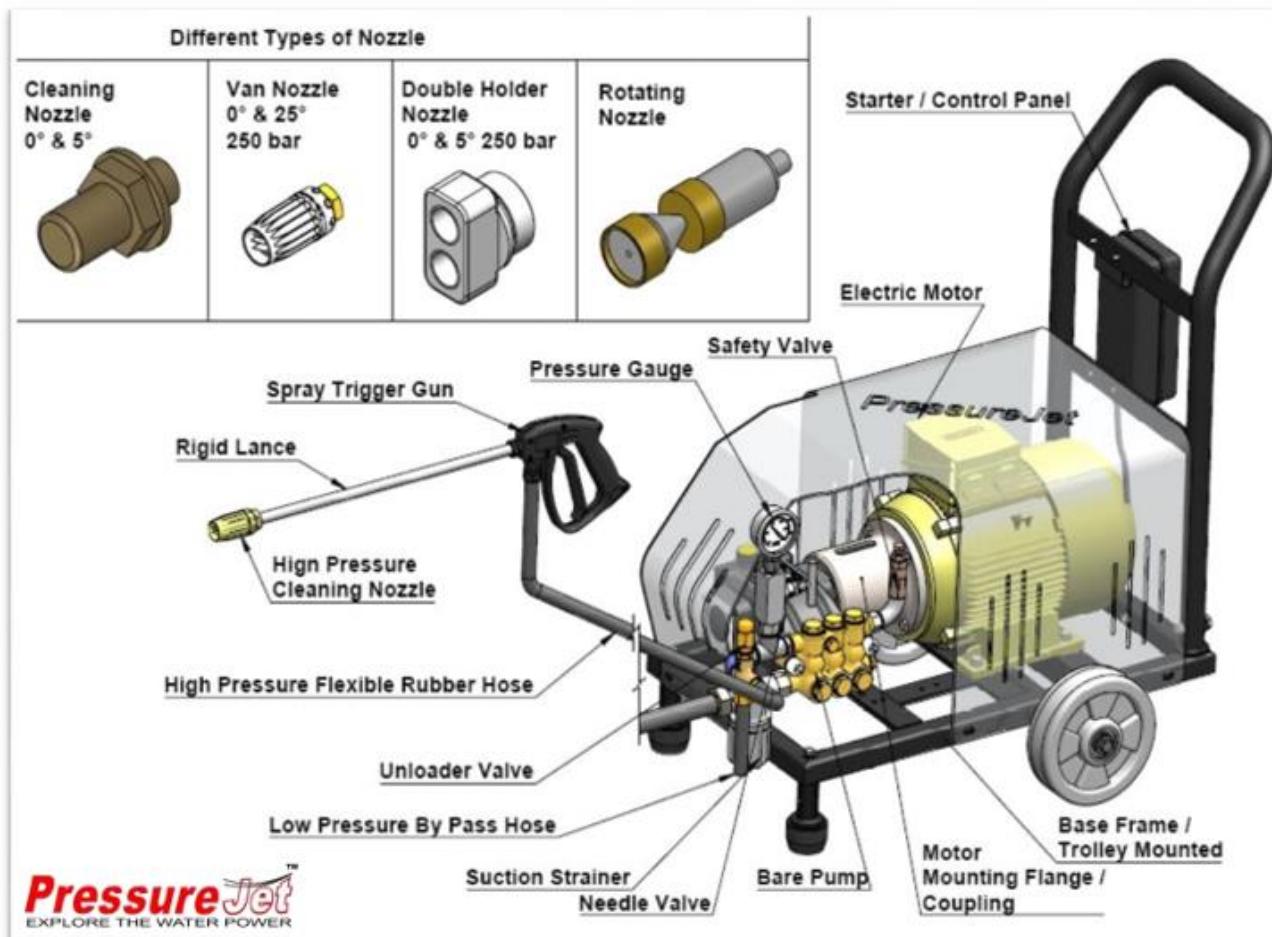
# HW SERIES CLEANING SYSTEMS



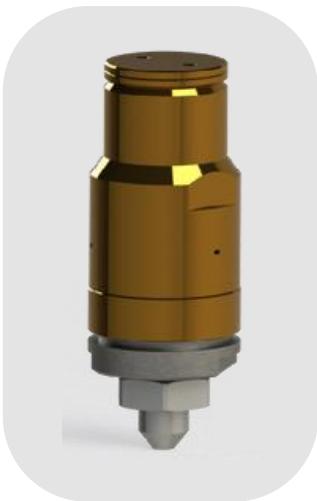
## SALIENT FEATURES

- Field proven design.
- Forged Brass fluid-end construction with high strength.
- Rigorously subjected to full load testing.
- Manufactured on state-of-the-art machinery.
- Light in weight & heavy duty construction with continuous duty model.
- Splash lubrication.
- Available as direct couple driven.
- Easy Field Maintenance.

# 3D LINE DIAGRAM OF HIGH PRESSURE CLEANER SYSTEM



# CLEANING ACCESSORIES



## SAFETY VALVE

- It prevents major accidents from occurring in case of problem arising out of high pressure built up in line.
- Ensures safety for operator and Provides over-pressure protection
- Intentionally designed weak part to avoid major loss
- Pressure range up to 500 bar
- Flow rate range up to 30 LPM

## Trigger Gun

- Ergonomic Construction
- Minimum fatigue for trigger opening
- Safe and less physical stress on the body



## UNLOADER VALVE UNL-1

- User-friendly design by PressureJet
- Adjust the handle for pressure locking
- Bypasses excess water
- Direct mounting to fluid end discharge mounting



# HYDRO BLASTING ACCESSORIES

## PRESSURE GAUGE

- Available in various size as per requirement.
- Stainless steel case filled with glycerin to offer protection against harsh environments.
- Approx. 2 times pump operating pressure
- Glycerin filled
- Easy to read dial
- With needle valve



## CONTROL PANEL



- For over and under voltage protection
- Electric control panel has important and necessary controls like hour meter, volt meter, over load protection, etc.
- Control panel comes with single phase and short circuit protection
- Has many controls like on/off button, Safety Shutdown switch, Voltage and Ampere readings etc....

## HOSE PIPES

High Pressure Hose Pipe is duly tested by PressureJet on several parameters in line with set industry standards.

- PressureJet provides different lengths of hose Pipes as per customer's requirement.





## HIGH PRESSURE RIGID LANCE

- Provides easy and firm grip to counter back pressure at the time pf in and out movement of nozzle.
- High Pressure Rigid Lance
- SS construction for long life.
- Available in various lengths as per requirement.
- Standard Length : 1,2,3,5 Meter

## 0 Degree Nozzle

These pressure washer nozzles produce a pencil point pattern. There is no fan created so this is not the tip to use when cleaning coverage is desired. The red tip does deliver the highest impact as it concentrates the pressure into the smallest area. Avoid damaging wood or other fragile surfaces. This is an ideal tool for cleaning under the deck of a lawnmower, removing caked on mud from equipment, cleaning stains from concrete, masonry, steel and aluminum even removing the grass from cracks in the sidewalk.



## 5 Degree Nozzle

5 Degree Fan Pattern Nozzle These pressure washer nozzles are referred to as chiseling tips. Held at a 45 degree angle you can use it like a scraper to remove peeling paint or mildew. It is also used for other tasks where breaking the bond is harder than average. Of your different pressure washer nozzles you will find yourself using this one the most often when the task is tough

# NOZZLE

## VARIABLE ANGLE NOZZLE(VAN)

Operating system for this nozzle is very simple. Just by rotating the housing 0 degree to 30degree jet angle can be obtained. Hence very convenient to operate. By this nozzle cleaning and washing both can be done. This VAN nozzle is cheaper than double nozzle holder set. This nozzle is very delicate and one should handle it with care. Life of this nozzle is depended on the use.



## ROTATING/TURBO JET NOZZLE

Robusta costruzione in ottone

Strong brass structure sede e ugello in ceramica ad altissima resistenza

Highly shock-resistant ceramic seat and nozzle

Alto assorbimento degli urti accidentali grazie alla protezione in plastica 'blu' high absorption of accidental knocks thanks to the 'blue' plastic protection utilizzabile in ogni posizione grazie al sistema con molla interna che elimina i giochi tra sede e ugello.

Can be used in any position thanks to the system equipped with internal spring eliminating the clearance between seat and nozzle.



# FOR MORE INFORMATION

## MORE ABOUT PRESSUREJET

We are the largest manufacturer of high pressure triplex plunger pump. For virtual factory tour scan the below mentioned QR code.



## COMMISSIONING

We provide on-site commissioning of your pump upon your request. Have a look at our commissioning policy for more information, scan the QR code.



## MAINTENANCE & TROUBLE SHOOTING

We ensure hassle-free troubleshooting of your pump with a lot of information available on our website. Don't want to read the information? Head out to our website for videos. Still facing problem? Contact us.



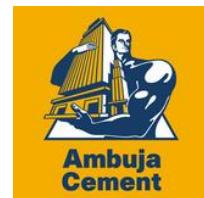
## WARRANTIES & GUARANTEES

Our standard warranty is 1-year from date of supply or 1000 working hours whichever is earlier. Find out all our warranty policies and conditions in detail. Scan the QR code!



# SATISFIED CLIENTS

5000+ HAPPY CLIENTS, GLOBAL PRESENCE IN 50+ COUNTRIES



FOR PURCHASE ORDER REFERRAL PLEASE  
SCAN GIVEN QR CODE



## GLOBAL EXPORT PRESENCE IN 50+ COUNTRIES



21-24, PanchRatna Industrial Estate Near  
Oad Village, Paldi Kankaj, Satpanth Mandir  
Pirana Rd, Ahmedabad, Gujarat 382427



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**LOCATION**