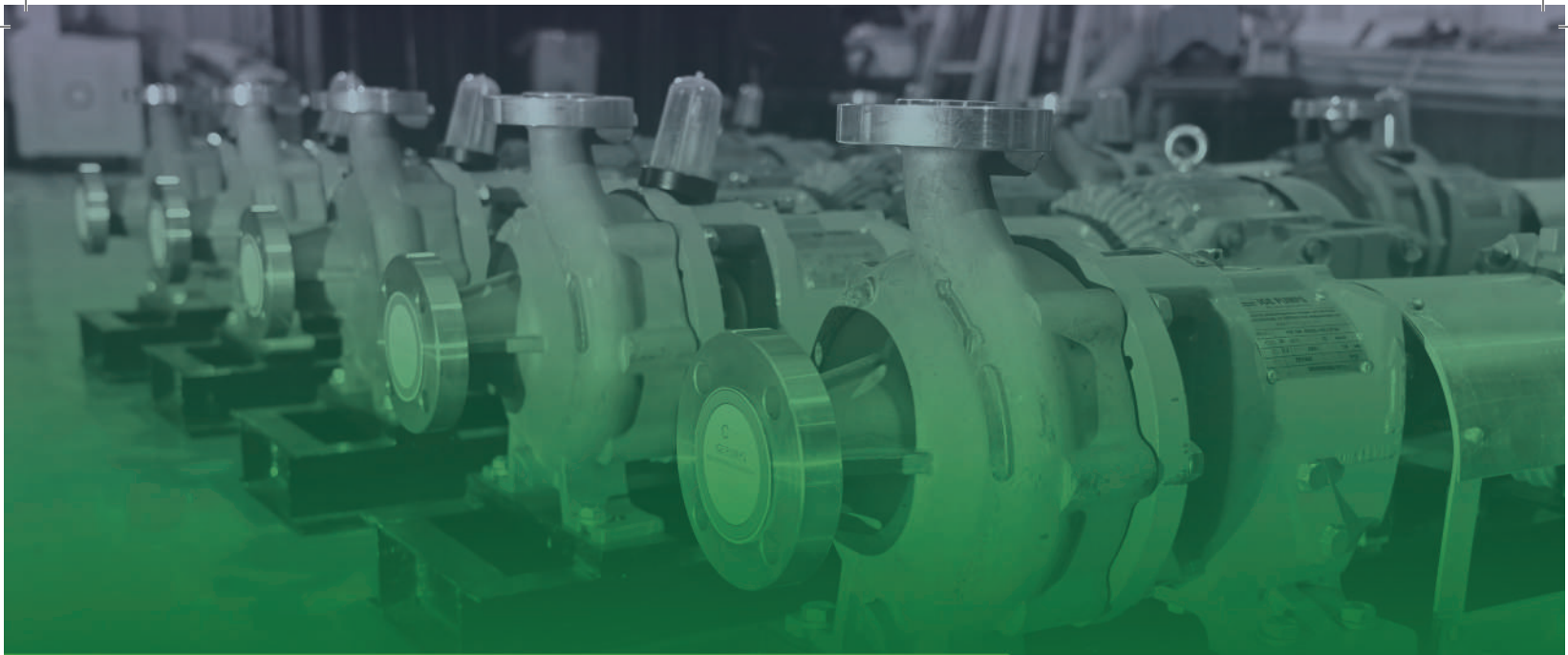




IGE PUMPS PVT. LTD.

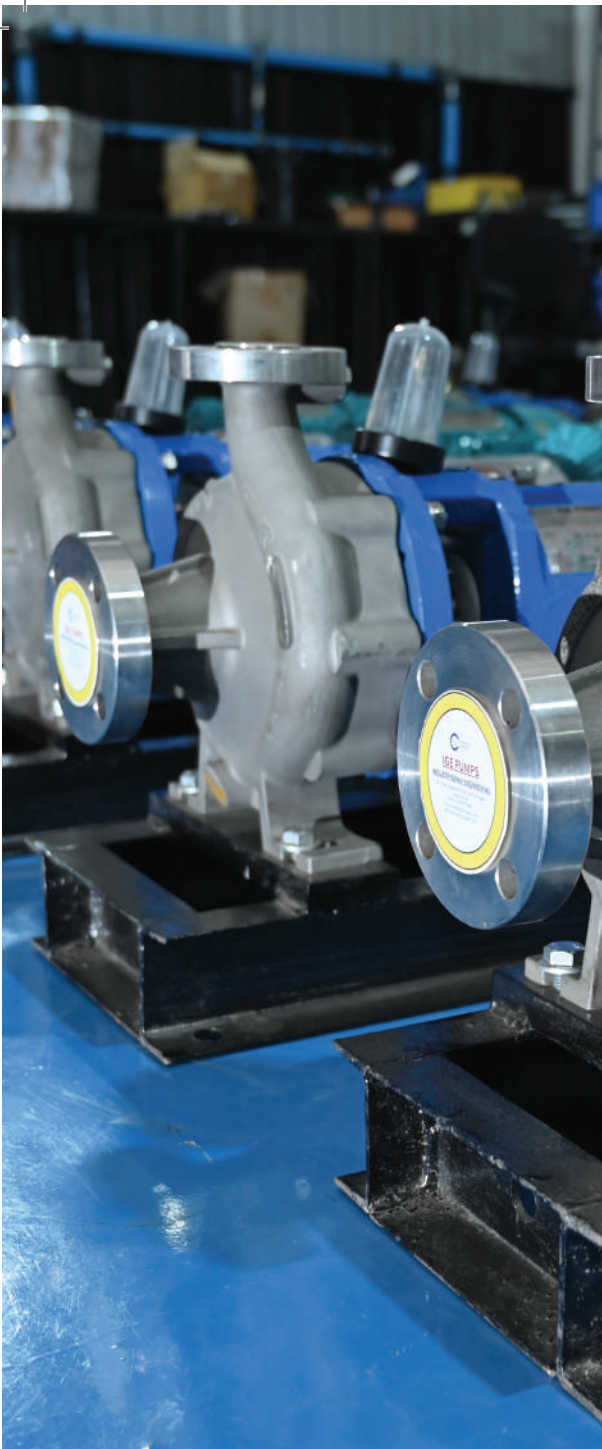
COMPLETE PUMPING SOLUTIONS

Pioneer in Chemical Process Pump, Centrifugal Pump, Coolant pump and Industrial Fluid Handling Solutions



INNOVATION PUMPS, SUSTAINABLE FUTURE

www.industrygenix.com



Who We Are ?

Since 2019, IGE PUMPS has been pioneering precision fluid-handling solutions—manufacturing ANSI B73.1 & centrifugal and process pumps, and delivering Our “IGE PUMPS” brand stands for innovation, reliability, and sustainable performance.

■ OUR JOURNEY

Founded in 2019 in Pune, IGE has grown from a regional pump fabricator to an international brand, thanks to our commitment to quality, innovation, and customer success.

■ CORE STRENGTHS

- Investment-cast stainless-steel and alloy construction material
- Wide MOC range (SS304,316, Hastelloy, Alloy-20, Duplex, etc.)
- Proprietary setup for investment and sand casting Foundry & Forging Facility.

■ MISSION, VISION & VALUES



MISSION

To empower industries with energy-efficient, robust pump and piping systems that minimize downtime and total cost of ownership.



VISION

To be the world's most trusted partner in industrial fluid management—setting new standards in performance and sustainability.

■ CORE VALUES

Innovation:

Continuous R&D to meet the toughest fluid-handling challenges.

Customer Focus:

24×7 technical hotline and rapid onsite support.

Sustainability:

Designs that reduce energy consumption and environmental impact.



Integrity:

Transparent practices, ethical sourcing, timely deliveries.

■ OUR LOCATIONS & CAPABILITIES



CORPORATE OFFICE

Survey No. 5/4, Vithalwadi Bypass Road,
Dehugaon, Pune – 412109



PRODUCTION FACILITIES

- Foundry: Rajkot (investment casting), kolhapur
- Assembly & Testing: Pune

■ KEY CAPABILITIES

FACILITY	CAPABILITY
Foundry	CI, MS, SS & Alloy casting
Assembly	Precision balancing, dynamic testing
QA Lab	Pressure, vibration, thermal and hydraulic testing
R&D Center	Flow simulation, Design software and prototyping



DESCRIPTION : CHEMICAL PROCESS PUMP

Our Pumps follow the ANSI Pump Dimensions as well as the ASA 150 Flange Dimensions with raised faces. We offers these pumps up to 1,500cu.m/hr(6,000GPM) and up to 150mts(500ft) of Differential Head.

IGE-STP, IGE-CIP, IGE-SM, IGE-MD, IGE-XT

KEY FEATURES OF OUR PUMPS:

- Back Pull out design.
- The back pull out design helps the user to dismantle the pump without dismantling the Pump Casing from the Suction and Discharge piping. This helps in ease of Maintenance and the regular checks for wear and tear of Pump parts can be easily done.
- Semi open impeller which can handle 4-5% suspended particles.
- Variety of mechanical seal fitment option as per application requirement.
- These pumps basically design for process services and suited for corrosive liquids containing solids and stringy materials.
- ANSI Pumps can take a designed pressure up to 20kg/sq.cm. and so can give a highly extended life of the pump in various chemical process applications.

DESCRIPTION : THERMIC FLUID PUMP

Max capacity	:	60 m ³ /hr
Max Head	:	120 M
Temperature	:	320-350°C



IGE-TCIP

TECHNICAL FEATURES OF THERMIC FLUID PUMPS:

- Pump Dimensions comply to ISO 2858/5199 with Flange STD ASA 150.
- Available in Closed Impeller Construction for Higher Efficiencies.
- Wide Range of Models and MOCs available which covering the Maximum Duty Conditions.
- Maximum Temperature handling up to 350 C.
- Heat Barrier plate for better heat dissipation.
- Cooling Fins (Air-Cooled) are provided to eliminate use of External Cooling Systems.
- Oil Lubricated Bearing Housing Only, with Ball Bearings provided on the Product Side as well as the Drive Side to ensure Ease of Maintenance & Better Service Life.



DESCRIPTION : CLOSE IMPELLER CENTRIFUGAL PROCESS PUMP

Max capacity	:	1000 m ³ /hr
Max Head	:	150 M
Temperature	:	210-260°C

ISO 2858-5199 STANDARD PUMPS (CLOSE IMPELLER CENTRIFUGAL PROCESS PUMP)

KEY FEATURES OF OUR PUMPS:

- We offer ISO 2858/5199 Pumps in various Materials of Construction with Closed Impellers as the construction of the pump for all Clear liquid Handling in the Chemical Industries.
- Pumps with the above standard are all Grease Lubricated to have a much better life for the Bearings hence reducing the sound and vibrations in the Pumps.
- These pumps can fit various kinds of mechanical seals.

DESCRIPTION : SOLVENT FLUID PUMPS



FULLY OPEN TYPE IMPELLER WITH VERTICAL IN LINE SELF PRIMING PUMPS FOR SOLVENT APPLICATION

TECHNICAL FEATURES OF SOLVENT FLUID PUMPS:

- Fully open impeller for clear fluid transfer
- Self-priming 3-5 M negative suction can be handled.
- Low NPSH required • Best suited for lifting various clear solvents from tank farms to charging vessels or simple drum unloading
- Low speed application (1450 RPM) • High head low capacity pumps can lift Solvent fluid without cavitation.
- Requires lesser space for installation as motor is mounted over the pump.
- Standard carbon vs ceramic faces of Mechanical seals are used.
- Mechanical seal is self-cooled by fluid inside the pump
- no additional cooling arrangement required.
- Suitable only for clear solvent fluids
- Trolley is for mobile operations.

OUR PUMPS CAN BE USED FOR BELOW GENERAL APPLICATIONS:

APPLICATION OF OUR PUMPS:

Sulphuric acid, Brine, Nitric acid, Sodium Hydroxide, Chloro sulphuric acid, Maleic acid, Hydrochloric acid, Ethanol, Citric acid, Acetic acid, Phosphoric acid, Sodium chloride, Ammonium chloride, Oleum, Vinyl Acetate

PULP & PAPERS

Shower water, White water, Chlorine dioxide, Sodium Hypochlorite, Fresh liquor, Black Liquor, Green Liquor, Dregs washer, white liquor

PETROCHEMICALS

Butadiene, Benzene, Toluene, Ammonia, Methanol, Vinyl chloride, Ethylene glycol, Maleic anhydride, Acrylonitrile, Urea, Formaldehyde, Phenol, Styrene, Ethylene oxide, Xylene

GENERAL

Condensate, Deionized water, Shower water, Hot oil, Wine, Sugar cane juice, River water, Pond water, Cooling tower water

PETROCHEMICALS

Butadiene, Benzene, Toluene, Ammonia, Methanol, Vinyl chloride, Ethylene glycol, Maleic anhydride, Acrylonitrile, Urea, Formaldehyde, Phenol, Styrene, Ethylene oxide, Xylene

BREWING

Sparge water, Hot/cold wort, Chilled water, Beer, reclaim water, MASH, blow black beer, Spent grain liquor, Alcohol transfer, Yeast brink, Sulphuric acid, Caustic

PRIMARY METAL

Copper cyanide, Sodium Cyanide, Chromic acid, Sodium Sulphate, Ferric chloride, Ferrous Sulphate, Copper sulphate, Ammonia sulphate, Silver Cyanide

ALL PUMPS ARE AVAILABLE IN BELOW MOCS

MATERIAL	ASTM CASTING GRADE
Cast Steel	WCB
SS-304	CF8
SS-316	CF8M
SS-316L	CF3M
CD4MCu	CD4MCu
Alloy - 20	CN7M
Carpenter 20	CK-20
Duplex SS	Grade 4A,5A,6A
Hastelloy B	N12MV
Hastelloy C	CW12MW
Nickel (100%)	CZ-100
MONEL	M-35
Ni-Hard	Ni-Hard(Ni-Resistance)

UTILITY PUMP



TECHNICAL DATA

Flow range (Q)	:	0.4-240.0 M ³ /hr
Delivery head	:	Max. 32.0 Bar
Liquid temperature	:	-15°C - +120°C
MOC	:	CI, SS-304 & SS-316

VERTICAL IN-LINE MULTISTAGE CENTRIFUGAL PUMP

APPLICATIONS

- Water supply to Boilers and Condensate systems
- Industrial washing and cleaning systems
- Cooling & Air conditioning
- Pressure boosting in pipeline
- Fire fighting systems
- Filtration and Water treatment Plants
- Pressure boosting for High rise buildings

FEATURES

- Reliable & service-friendly
- Space-saving
- Suitable for slightly aggressive liquids
- Energy efficient In line design makes installation easy, quick & trouble free
- Available with IE3 & FLP motor on request

TECHNICAL DATA

Flow range (Q)	:	0.4-240.0 M ³ /hr
Delivery head	:	Max. 32.0 Bar
Liquid temperature	:	-15°C - +120°C
MOC	:	SS-304 & SS-316



VERTICAL IN-LINE MULTISTAGE CENTRIFUGAL PUMP

APPLICATIONS

- Water supply of boilers & condensate system
- Cooling & air-conditioning system
- Water treatment, reverse osmosis system
- Reliable & service-friendly
- Space-saving
- Suitable for slightly aggressive liquids
- Energy efficient In line design makes installation easy, quick & trouble free
- Available with IE3 & FLP motor on request

FEATURES

- Reliable & service-friendly
- Space-saving
- Suitable for slightly aggressive liquids
- Energy efficient Available with IE3 & FLP motor on request
- Available with IE3 & FLP motor on request



TECHNICAL DATA

Flow range (Q)	:	Max 28.0 M ³ /hr
Delivery head	:	Max. 45.0 Bar
Liquid temperature	:	-15°C - +120°C
MOC	:	SS-304, SS-316

HIGH PRESSURE PUMP

APPLICATIONS

- Applications
- Water treatment
- Reverse osmosis system
- Booster system
- High pressure boiler feed
- Sea water desalination RO system

FEATURES

- Reliable & service-friendly
- Energy efficient, light weight & aesthetic structure

TECHNICAL DATA

Max Flow	:	28 m ³ /hr
Max Pressure	:	47 Bar
Liquid Temp	:	-15° - +120°



HIGH PRESSURE PUMP

APPLICATIONS

- Zero Liquid Discharge plants
- High pressure Boilers
- Industrial Process demanding high pressures

FEATURES

- High hydraulic efficiency in the category
- Improved mechanical design and aesthetics Enhanced service life.



TECHNICAL DATA

Flow range (Q)	:	0.4-55.0 M ³ /hr
Delivery head	:	Max. 30.0 Bar
Liquid temperature	:	-15°C~+120°C
MOC	:	SS-304 & SS-316

IMMERSION TYPE COOLANT PUMP

APPLICATIONS

- CNC & VMC Coolant transfer
- Machine Tool CTS (through Coolant)
- Electric spark
- Grinding machine
- Cooling devices
- Filtering system
- Lathe
- Processor center
- Industrial cleaning equipment

FEATURES

- Compact, reliable
- Low maintenance
- Easy to install

TECHNICAL DATA

Flow range (Q)	:	0.5-28.0 M ³ /hr
Delivery Head	:	Max 58 meters
Liquid temperature	:	-15°C~+105°C
MOC	:	SS304 & SS316



HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP

APPLICATIONS

- Zero Liquid Discharge plants
- High pressure Boilers
- Industrial Process demanding high pressures

FEATURES

- High hydraulic efficiency in the category
- Improved mechanical design and aesthetics Enhanced service life.



TECHNICAL DATA

Flow range (Q)	:	3.0-200.0 M ³ /hr
Delivery head	:	Max. 7.0 Bar
Liquid temperature	:	-20°C~+100°C
MOC	:	SS-304 & SS-316

HORIZONTAL SINGLE-STAGE CLOSE COUPLED PUMP

APPLICATIONS

- Water supply
- Industrial liquid transfer
- Water treatment, filtration
- Slightly corrosive chemical transfer
- Ultrafiltration Plant

FEATURES

- Light weight & sturdy structure
- Energy efficient Available in IE3 & FLP motor on request

TECHNICAL DATA

Flow range (Q)	:	0.5-28.0 M ³ /hr
Delivery Head	:	Max 58 meters
Liquid temperature	:	-15°C~+105°C
MOC	:	SS304 & SS316



HORIZONTAL SINGLE-STAGE CENTRIFUGAL PUMP

APPLICATIONS

- Domestic water supply
- Water treatment
- Water circulation system
- Gardening

FEATURES

- Light weight
- Compact structure



TECHNICAL DATA

Flow Range (Q)	:	5-500 M ³ /Hr
Delivery Head	:	Max. 9 Bar
Liquid Temperature	:	-90°C-120°C
MOC	:	Cast Iron, Bronze & Stainless Steel
RPM	:	2900 16 1400 (50 & 60 HZ)

END SUCTION LONG COUPLED CENTRIFUGAL PUMP

APPLICATIONS

- Water Supply System
- HVAC
- Booster, Constant Pressure water supply
- Fire Fighting system
- Irrigation, Farming
- Industry transferring

FEATURES

- Compact, reliable
- Low maintenance
- Easy to install

TECHNICAL DATA

Flow range (Q)	:	Upto 250 m ³ /hr
Maximum Head	:	40 meter
Liquid temperature	:	Upto 65°C
MOC	:	Cast Iron, Stainless Steel 304 Stainless Steel 31
Spherical Clearance	:	Upto 25 mm



SELF-PRIMING NON-CLOG MUD PUMP

APPLICATIONS

- Rain water and common sewage
- Sewage treatment plant in the residential area
- Sewage and deposit of water purifying system
- Tannery and slaughter house waste water transfer

FEATURES

- Self - priming Monoblock Pump
- Self - priming Coupled Pump
- Can be coupled with Diesel Engines
- Gland packing and mechanical seal options available
- Reliable and easy to service



TECHNICAL DATA

Flow range (Q)	:	2.0-28.0 M ³ /hr
Delivery head	:	Max. 5.4 Bar
Liquid temperature	:	-15°C~+60°C
MOC	:	SS 304/CI+SS 304

BOOSTER SYSTEM Single Pump Booster

APPLICATIONS

- Pressure boosting in independent bungalows, row houses, small apartments
- Shower panels
- Pressure boosting in small factories

FEATURES

- Energy efficient constant pressure system
- Low maintenance Easy installation & automatic operations
- Storage tank available with variety of sizes

TECHNICAL DATA

Flow range (Q)	:	3.0-200.0 M ³ /hr
Delivery head	:	Max. 7.0 Bar
Liquid temperature	:	-20°C~+100°C
MOC	:	SS-304 & SS-316



VARIABLE SPEED BOOSTER PUMP SYSTEM

APPLICATIONS

- Pressure Boosters for Residential / Commercial Complexes
- Pressure Booster System

FEATURES

- Constant Pressure
- Energy Saving
- Low Noise
- Wide range application



TECHNICAL DATA

Flow range (Q)	:	2.0-500.0 M ³ /hr
Delivery head	:	Max. 16.0 Bar
Liquid temperature	:	-15°C~+70°C
MOC	:	SS-304

VARIABLE SPEED PLC CONTROLLED BOOSTER SYSTEM

APPLICATIONS

- Water supply for high rise buildings, residential complex & villas
- Public places such as hospital, school, gymnasium, golf court, airport
- Commercial building such as hotel, office building, department store, large-scale sauna
- Manufacturing industry such as textile manufacturing, food & pharmaceutical industry.

FEATURES

- Compact, reliable
- Low maintenance
- Easy to install

TECHNICAL DATA

Flow Range (Q)	:	1200 (M ³) / H * r
Delivery Head	:	Max. 85 mtrs
Liquid Temperature	:	- 15 deg * C - 110 deg * C
MOC	:	Cast Iron Volute with SS internal SS304 (CF8e), SS316 (CF8M), Gun Metal (LG2), SS Duplex



IN-LINE CIRCULATION PUMP

APPLICATIONS

- Cooling Tower recirculation
- HVAC system in Industries/Commercial places
- High volume transfer in Industrial process
- Pressure Boosting
- Ship Building
- General Industry

FEATURES

- Single Stage Pumping units of compact design with back pullout feature
- Space saving Pump units designed for easy installation and are used for circulating clean nonaggressive fluids Available with IE3 & FLP motor on request



TECHNICAL DATA

Flow range (Q)	:	Up to 126M ³ / h * r
Delivery Head	:	Up to 64 Meter
Liquid temperature	:	10 deg * C to 65 deg * C
MOC	:	Cast iron - body with Stainless Steel & Bronze Impeller

CENTRIFUGAL MONOBLOCK PUMP

APPLICATIONS

- HVAC System
- Cooling Towers
- Fire Fighting System
- HVAC System
- Cooling Towers
- Fire Fighting System

FEATURES

- Rugged Construction, High efficiency Dynamically balanced rotating components
- Wetted parts coated with anti corrosive paint "
- "O" ring Sealing, High wear resistance Mechanical/Gland seal

TECHNICAL DATA

Flow range (Q)	:	2.0-500.0 m ³ /hr
Maximum Head	:	Upto 76 meter
Liquid temperature	:	Upto 40°C
Frequency	:	50 Hz
MOC	:	Cast Iron



CENTRIFUGAL MONOBLOCK PUMP

APPLICATIONS

- Chillers
- Gardening and Nurseries
- Domestic Water Supply
- High rise Buildings, Hotels & Hospitals
- Agriculture, Irrigation, Drip & Sprinkler Systems

FEATURES

- Axial Inlet and radial Outlet
- Single stage monoblock design
- Dynamically balanced Rotor & Impeller
- Pumps available with 2880 & 1450 rpm
- Good Quality Bearing



INDUSTRYGENIX
ENGINEERING

IGE PUMPS PVT. LTD. INDUSTRYGENIX ENGINEERING

**Get in
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