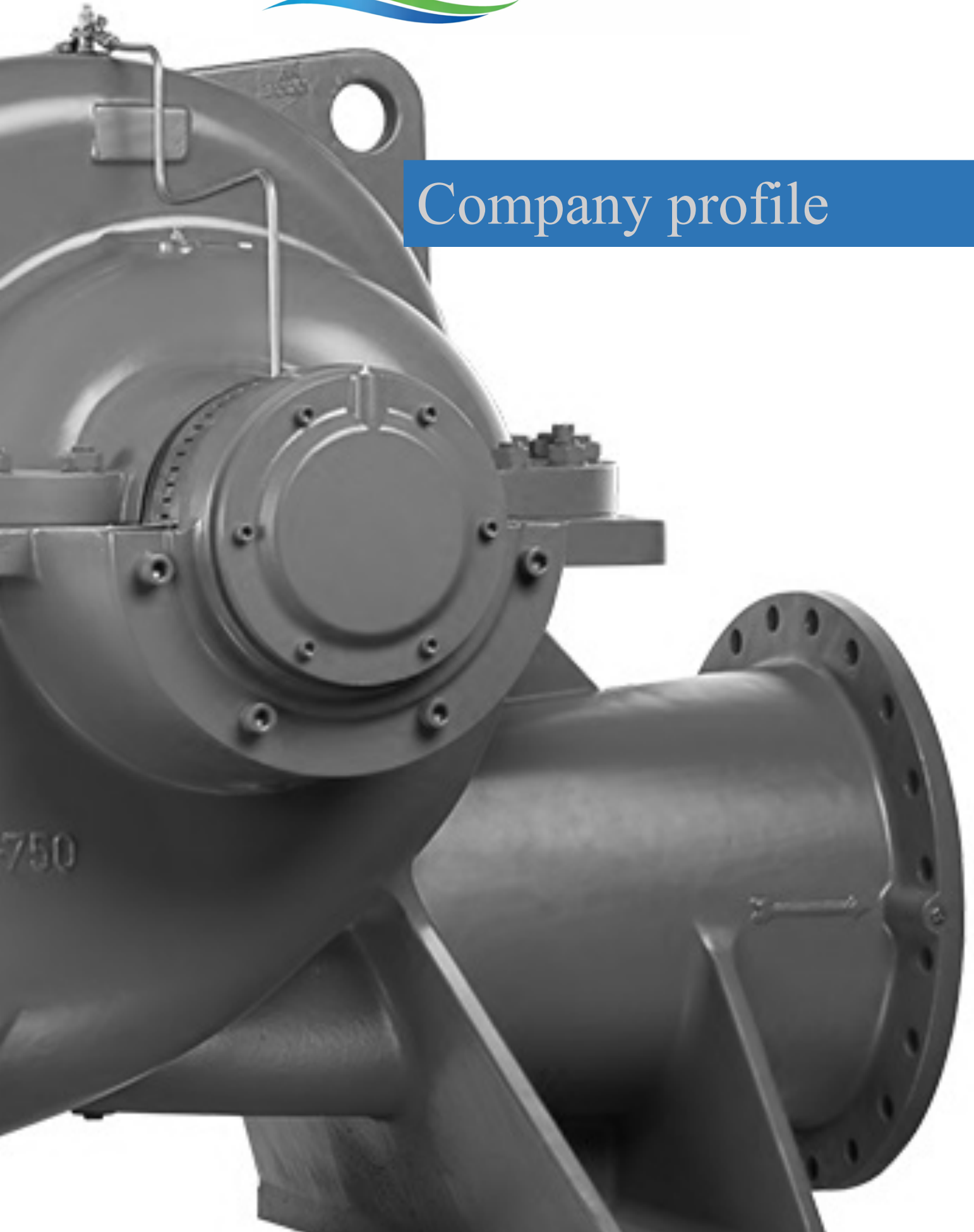




Company profile







INDEX

1 HISTORY

2 OUR NUMBERS

3 APPLICATIONS

4 COMPANY

5 PRODUCTS

6 PROJECTS

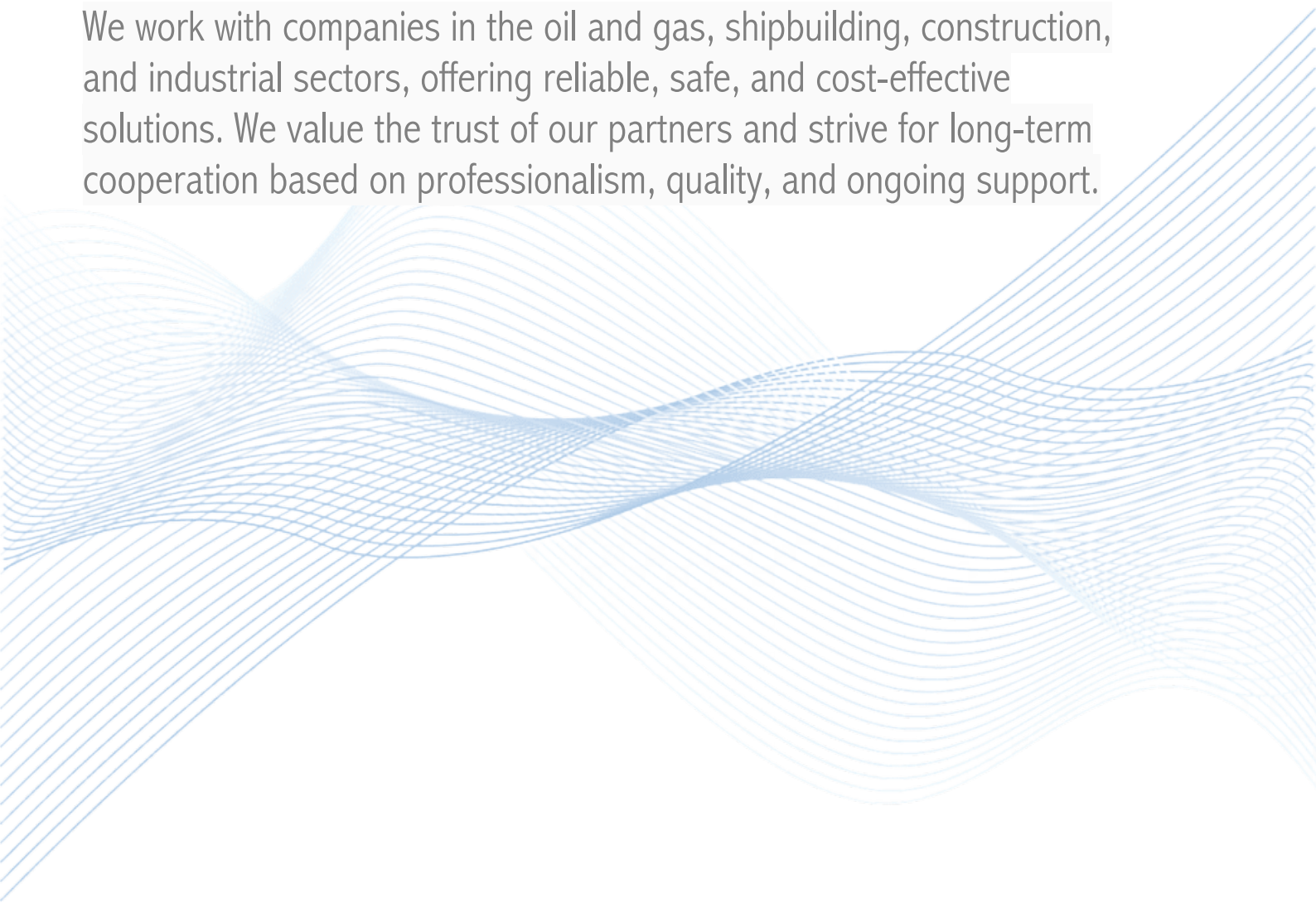
7 FLUIDTECH

HISTORY

FLUIDTECH ENGINEERING is an engineering company registered and licensed in Dubai, successfully operating in the UAE market since 2011. We specialize in the design, manufacture, assembly, and spare parts for industrial and commercial pump projects.

The company has in-house manufacturing and assembly facilities and a team of qualified Engineers and Technicians, enabling us to implement projects of varying complexity in accordance with international quality standards.

We work with companies in the oil and gas, shipbuilding, construction, and industrial sectors, offering reliable, safe, and cost-effective solutions. We value the trust of our partners and strive for long-term cooperation based on professionalism, quality, and ongoing support.



OUR NUMBERS

1

HEADQUARTERS LOCATION
DUBAI, UAE

100+

PROJECTS ACCOMPLISHED

15000

15000 SQ FT WORKSHOP
FACILITY

40000

(PSI) MAXIMUM HYDRO-
BLASTING PRESSURE



APPLICATIONS



Oil & Gas

High pressure pump solutions for pipeline flushing, hydro-testing and tank cleaning operations. Designed for critical applications with reliable performance in harsh environments.



Marine

Specialized pump packages for marine and offshore applications including fire fighting systems and hull cleaning. Robust and compact units suitable for continuous operation at sea.



Power

Efficient solutions for heat exchanger cleaning, district cooling flushing and power plant maintenance. Ensuring optimal system performance and operational reliability.



Construction

High pressure systems for hydro-demolition, dewatering and surface preparation. Controlled and efficient methods without damaging surrounding structures.



Petrochemical

Advanced pump solutions for tank cleaning, pipeline services and chemical processing support. Engineered for safety and performance in demanding industrial environments.

COMPANY

Fluidtech Engineering is an ISO 9001:2008 certified organization. A leading and reliable service provider of fluid engineering products and related services in the MENA region and in the Asia sub-continent.

Fluidtech offers special application pump packages to Marine, Oil & Gas, Petro-Chemical, Power Generation, Civil Construction and General Industries. Our pump product range covers centrifugal type pumps, both end suction and split case. We also offer an extensive range of high and ultra high pressure pump types. Pump units are offered on daily/weekly/monthly rental basis as well as brand new units for out-right purchase. Our pump units are heavy duty, compact and purpose built to last in harsh Middle East environmental conditions.

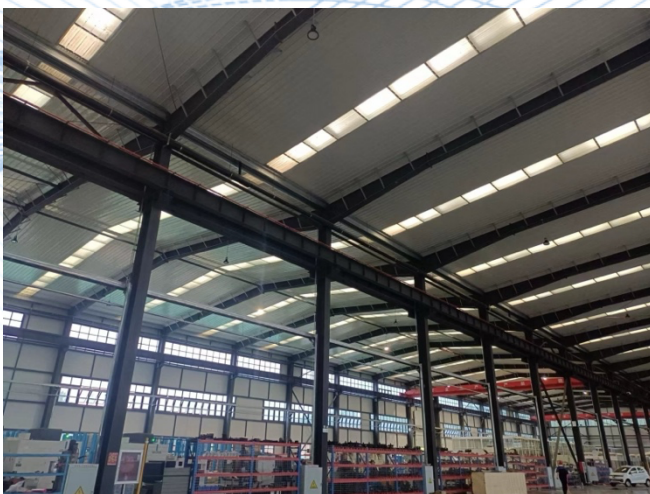
Fluidtech understands the client's requirements and site conditions, which enables us to offer innovative products and service solutions, with a competitive edge to ensure a successful project completion

Headquarter: R&D and quality department, testing facilities, production.

Skid division: production of high pressure and ultra-high pressure pumps.

Technology center: dedicated area for training, museum and showroom. High flow/pressure pumps plant: to develop pumps up to 20.000 m³/h.

Shaft plant: production of shaft.
Winding plant.



COMPANY

Fluidtech Engineering is a trusted partner for high-performance pump solutions and fluid handling systems across demanding industrial sectors.

Engineered Solutions

Custom-designed pump packages tailored to specific project requirements and operating conditions.

High-Pressure Expertise

Specialized in high and ultra-high pressure applications up to 40,000 psi for critical industrial operations.

Proven Industry Experience

Serving Oil & Gas, Marine, Power, Petrochemical, and Construction sectors across the MENA region.

Reliable & Fast Response

Quick mobilization and 24/7 service support to minimize downtime and ensure operational continuity.

In-House Capabilities

Fully equipped workshop for assembly, testing, repair, and refurbishment of pump systems.

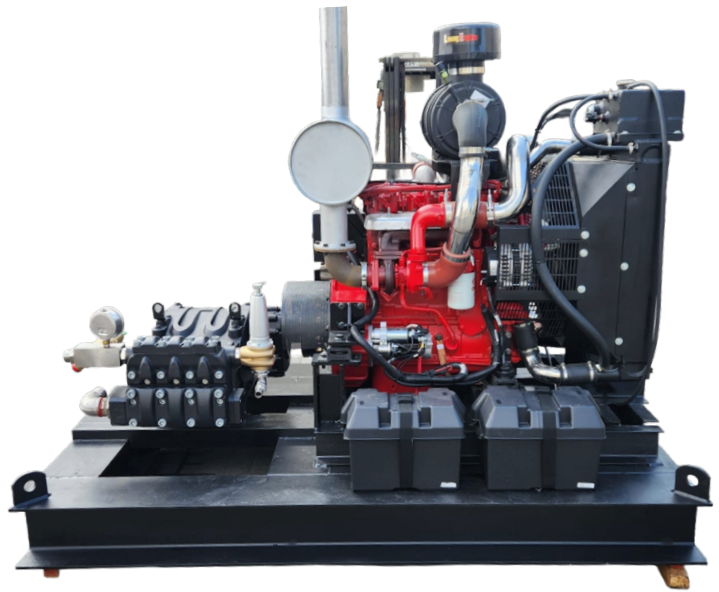


PRODUCTION

High Pressure Pump

Fluidtech is the authorized distributor of Pratissoli pumps in the GCC, for their range of high pressure triplex plunger pumps, accessories and spares. Using these pumps as key components, the company also designs and manufactures pressure testing equipment for various industries.

High pressure pump units are offered as skid mounted or trailer mounted options depending on the site requirement. Pressure ratings of these pumps starts from 50 bar to 1400 bar (725 psi to 20000 psi) and the discharge flows range from 6 lpm to 480 lpm (1.6 US gpm to 126 US gpm). The units are very compact in size and are suitable for most of the industrial cleaning and heavy duty water jetting applications.



Hydro jetting units are available for single gun or double gun operations with unloader valve and dry shut gun system. The dry shut gun configuration prevents dumping water at site while the trigger is released and thus avoiding wastage of water. This is especially important when working inside tanks and enclosed areas.

A range of skid mounted hydro jetting units with experienced hydro jetters are available basis to meet any immediate requirement.

Pump skids can be fitted with chalywn valve, spark arrestor and battery isolator to meet the semi-hazardous safety standards of oil and gas field applications.

Some of the latest additions to the Pratissoli range of pumps include Piston Pump Series M Line which have been designed to handle drilling fluids, muds, slurries and dense mixtures for a variety of applications in the Mining, Chemical, Oil & Gas Industries. Performances range from 35 lpm to 396 lpm (9.3 US gpm to 105 US gpm) and pressures up to 90 bar (1300 psi).

Stainless Steel 70 Series version AISI 316L pumps and AISI 420 pumps with performances ranging from 30 lpm to 170 lpm (8 US gpm to 45 US gpm) and pressures up to 250 bar (3600 psi).

Stainless Steel N Series Pumps have duplex ASTM block style manifolds. Performances ranging from 74 lpm to 388 lpm (19 US gpm to 102 US gpm) and pressures up to 400 bar (5800 psi).

PRODUCTION

High Pressure Hydro- Testing Pumps

Fluidtech offers an extensive range of high pressure triplex plunger pumps with pressure regulating valves and related accessories for pressure testing. These HP pump units are available in skid or trailer mounted versions with diesel engine or electric motor driven options. Units can be operated from 0 to the maximum pressure rating of the pump and is ideal for hydro static pressure testing of cross country pipelines, under water pipelines, pressure vessels and storage tanks.



Accuracy Testing Critical Infrastructure

A hydrostatic test is critical in the certification of pressure vessels, storage tanks, and pipelines before they become functional. Fluidtech Engineering provides high-pressure working triplex plunger pumps with stable and controlled pressure. Having regulating valves which could be turned up or down, and pipes connected, fitted with the regulation set at zero, this unit could run purely from zero to the maximum pressure rating, and it would be safe and accurate during the whole test period.

Portable Architectures Suitable for Any Place

To suit varying site conditions, we can supply high-pressure hydro-testing pumps mounted on skids, as well as trailer-mounted. The clients will have a choice of a diesel motor or electric motor-powered systems, in terms of power and mobility requirements. The design of every pump is rugged in both performance and transportability to suit both offshore and onshore situations.

Suitable for Various Projects

Hydro test pumps at Fluidtech apply to the cross-country pipelines, underwater, the pressure vessel and more. The systems consist of pressure gauges, hoses and accessories that guarantee speed of set up and stable performance in the field.

PRODUCTION

Reverse osmosis (RO) Pumps & Sub-Sea Pump

Fluidtech also offer a range of reverse osmosis (RO) pumps from 50 to 700 US gpm (190 to 2660 lpm) at pressures up to 1200 psi (80 bar). The fluidhead is manufactured in duplex stainless steel for long life and durability.

Sub-sea pumps designed by Jeteck to run in sea water at depths up to 10000 feet (3050 meters), where the sea water provides the lubrication for the crankshaft & bearings, ie; no polluting oils, with flows from 3.5 to 40 US gpm (13 to 150 lpm) at pressures from 5000 to 40000 psi (345 to 2760 bar). Please contact us for more information on this innovative range of plunger pumps.



Heavy duty skid mounted triplex and quintuplex plunger pumps

Diesel driven or electric driven options

Single cylinder plunger assembly with one piece double acting valve cartridge

Fewer moving parts compared to many conventional plunger pumps

Plungers and packings can be serviced individually

Fluid head does not have to be removed for servicing of plungers and valves

Easy on-site maintenance

Most diesel engines with mechanical governors ie; no electronic systems

In-built diesel tank for 12/24 hours operation

On-board water tank with low water level safety cut out for pump protection

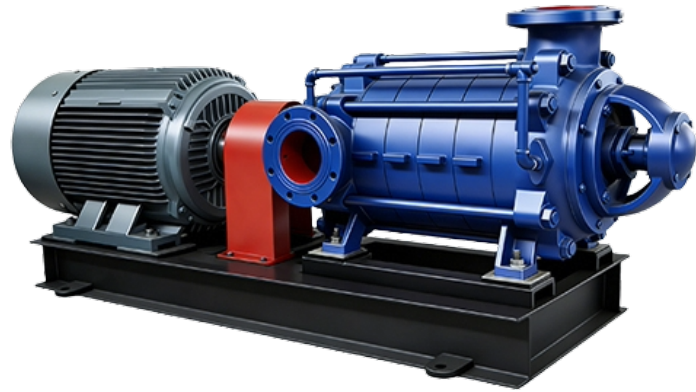
Power transmission directly through in-built gear box, models 50 TJ3 to 350 TJ3

Conversion kits to convert the pump pressures from 5000 psi to 40000 psi (345 bar to 2760 bar)

PRODUCTION

Multistage Centrifugal Pump

Flowrate: 12.6-31180m³/h
Head: 13-1333m
Power: 30-200KW
Speed range: 2900/min



Horizontal multistage centrifugal pump is a single-suction multistage segmented structure, used to transport clean water and liquids with similar physical and chemical properties to water. Its head range is 13 - 333m, flow rate is 12.6 - 180m³/h, and the temperature of the transported liquid is $\leq 80^{\circ}\text{C}$.

Pressure and flow rates can be customized to meet specific needs. Diameter size: outlet size ranges from 40mm to 250mm.

A wide range of materials are available: cast iron, stainless steel, etc. or customized according to customer requirements.

We use wear-resistant diaphragm couplings or pin couplings.

Adopt soft start, frequency conversion and soft connection speed regulation to save energy and reduce consumption, protect equipment and improve efficiency.



PRODUCTION

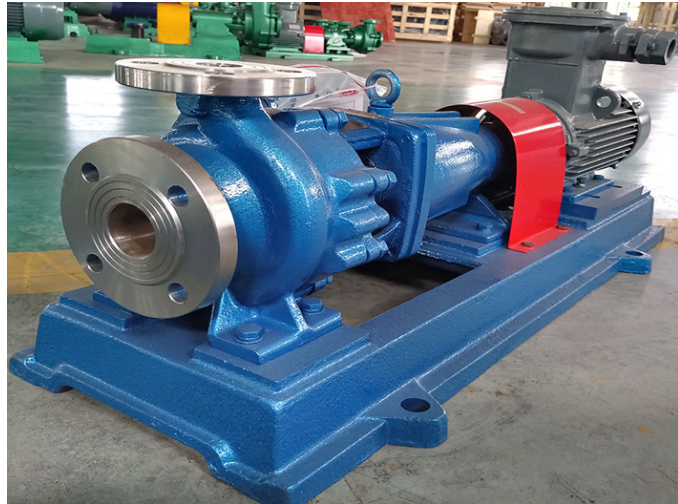
Stainless Steel Horizontal Single-Stage Centrifugal Pump

Flowrate:2-23000m³/h

Head:5-2160m

Power:0.55-1350KW

Speed range:Consult customer service



Horizontal single-stage centrifugal pump is a new generation of energy-saving and environmentally friendly horizontal centrifugal pump developed by our company using the performance parameters of international general centrifugal pumps. This series of pumps has excellent performance, high reliability, long life, reasonable structure and beautiful appearance.

Corrosion resistance: Made of corrosion-resistant materials and resistant to chemical corrosion, it extends life and reduces the risk of damage.

Sturdy and durable: The structure is solid, durable and reliable, suitable for continuous operation in harsh environments.

Safety assurance: Equipped with leak-proof seals and a sturdy casing, the explosion-proof design ensures safety and reduces the risk of leakage.

Efficient delivery: Centrifugal design, large flow, excellent performance, energy saving and high efficiency.

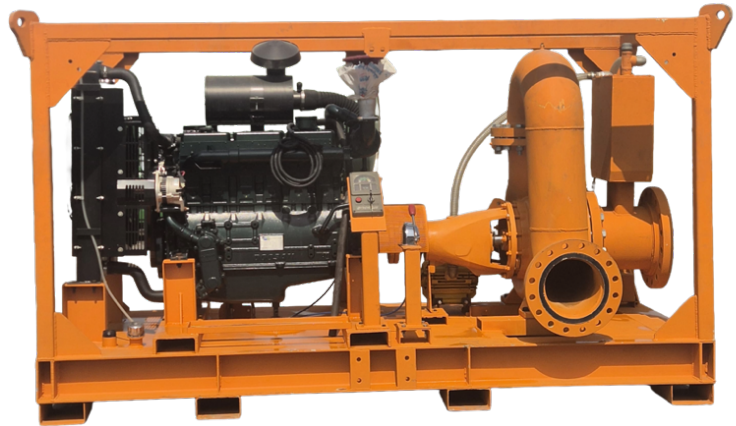
Versatile: It can transport various corrosive liquids such as acids, alkalis, solvents, abrasive slurries, etc.



PRODUCTION

Diesel Engine Double Suction Split Pump

Flowrate:10-23200m³/h
Head:32-1600m
Power:3-2000KW
Speed range:1450-2980r/min



Horizontal single-stage centrifugal pump is a new generation of energy-saving and environmentally friendly horizontal centrifugal pump developed by our company using the performance parameters of international general centrifugal pumps. This series of pumps has excellent performance, high reliability, long life, reasonable structure and beautiful appearance.

Corrosion resistance: Made of corrosion-resistant materials and resistant to chemical corrosion, it extends life and reduces the risk of damage.

Efficient delivery: Centrifugal design, large flow, excellent performance, energy saving and high efficiency.

Sturdy and durable: The structure is solid, durable and reliable, suitable for continuous operation in harsh environments.

Versatile: It can transport various corrosive liquids such as acids, alkalis, solvents, abrasive slurries, etc.

Safety assurance: Equipped with leak-proof seals and a sturdy casing, the explosion-proof design ensures safety and reduces the risk of leakage.



PRODUCTION

Well Submersible Pump

Flowrate:5-8500m³/h
Head:10-1000m
Power:4-630KW
Speed range:1450-2900r/min



Submersible electric pump for wells is an energy-saving product designed according to national standards. It is used for water extraction from deep wells, as well as for agricultural irrigation, urban drainage, water supply for factories and mines, water supply for plateaus and mountainous areas, and pressurization for high-rise buildings. It has a compact structure, small size, low noise, no pollution, easy installation and maintenance, safe and reliable operation, high efficiency and energy saving, and no need to build a pump room.

The motor and water pump are integrated, submersible operation, safe and reliable.

There is no limit to the material of the well water supply pipe, and it can be selected as long as the pressure allows.

It is easy to install, use and maintain, occupies a small area, and does not require a pump room.

The structure is simple and saves materials.

This pump cannot be overturned or tilted, and cannot be used for ultra-low head.



PROJECTS

Water Jet Lancing and hydrotesting

A wide range of High pressure water jetting pumps rated from 500 bar to 1000 bar (7250 to 14500 psi) pressure and ultra high pressure pumps up to 2760 bar (40000 psi) are available for lancing and hydrotesting projects. For many years the Oil and Power Generation Industry have used the power of water to clean and test heat exchangers, boilers, fin fan cooling tubes and drill pipes etc without damaging the tubes. High pressure and ultra high pressure pumps along with flexible or rigid lances and penetrating nozzles are used to clean the pipe and tube internals. Generally hand gun operation will be used for external cleaning.



Water jet cleaning of heat exchanger tubes



Hydro testing of heat exchanger

A wide range of High pressure water jetting pumps rated from 500 bar to 1000 bar (7250 to 14500 psi) pressure and ultra high pressure pumps up to 2760 bar (40000 psi) are available for lancing projects.

PROJECTS

Hydro-Testing of Storage Tanks

Bulk storage tanks are hydro-tested by filling with seawater or fresh water into the tank, so as to detect any leaks in shell weld joints and also to check the load stabilization of the tank foundations.

Fluidtech offers high volume diesel engine driven centrifugal water filling pumps, suction and discharge hoses, manifold, NRV,s and isolation valves etc with experienced crew members for hydro-testing and cleaning of storage tanks.

Usually the tank filling shall be carried out in four stages, 25%, 50%, 75% and 100% of the maximum water level of the tank. A settlement period of 24 hours is generally allowed after each stage of filling, so as to check the integrity of the tank and foundation. Once the hydro-testing is approved, the same network of hoses shall be used to discharge the water back into the sea or to an adjacent tank.



Hydro testina of storage tanks



CONTACT US



Al Quoz Industrial Area 2
Dubai - UAE



sales@fluidtecheng.com



04-3392 878



04-3392 879

