



PT. LUGATA KARYA TEKNIK

Pumps & Rotary Equipment Solution Provider



ROTARY TWIN SCREW PUMPS API 676



*CENTRIFUGAL PROCESS PUMPS
ANSI B.73.1 - ISO 5199 – API 610*



FIRE WATER PUMPS NFPA 20 – UL / FM

Registered Office:

Jl. CBD Selatan Ruko Pasar Modern Paramount Blok H-5
Curug Sangereng, Kelapa Dua, Tangerang 15811,
Banten - Indonesia

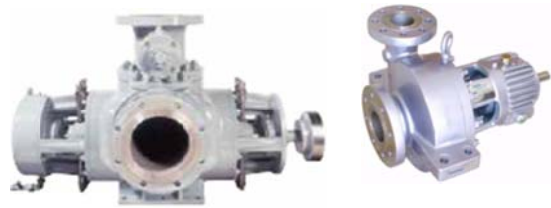
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Company's Registration Number / TDP : 30.03.1.47.02864
Tax Payer Identification Number / NPWP : 31.717.313.6-451.000

MARKETS' PROFILE:



OIL & GAS FIELD



PETROCHEMICAL PLANT



WASTE / WATER TREATMENT PLANT



POWER PLANT



FIRE PUMP PACKAGE



CORPORATE PROFILE

PT. Lugata Karya Teknik here after called PT. LUGATA was established in 2013 in Tangerang, Banten-Indonesia. PT. LUGATA specializes in the distribution of Industrial Pumps, Replacement Parts of Pumps and Rotary Equipment. As an independent company it has the capability to select and offer the most appropriate Pump units or Pump packages to meet projects or individual requirement. PT. LUGATA commits to provide total solution with high quality of service throughout business cycle to its valuable customers.

Vision and Mission

Our Vision

To be a trusted Pumps and Rotating Equipment Solution Provider company in its market, profitable, growth and to provide a significant added values for the benefit of our customers, business partners, and all stakeholder through an effectiveness, efficient, and continuous improvements.

Our Mission

Always present to provide the best products and services to customers with a sense of responsibility and commitment in ensuring the quality and reliability.

Products Selection:

- **Single Stage Centrifugal Pump OH1 ASME B73.1 – ISO 5199**
- **Single Stage Centrifugal Pump OH2 – OH3 API 610**
- **Multistage Centrifugal Pump API 610 BB1 – BB2 - BB3 - BB4*- BB5**
- **Vertical Turbine Pump API 610 – VS1 – VS4 - VS6**
- **ELECTRIC SUBMERSIBLE PUMP - BORE HOLE – DEEP WELL PUMPS**
- **PD PUMP – SINGLE or TWIN or TRIPLE SCREW PUMPS - INDUSTRIAL or API676 STANDARD**
- **FIREWATER PUMPS PACKAGES – NFPA 20 - UL/FM STANDARD**

➤ ***Single Stage Centrifugal Pump OH1 ASME B73.1 – ISO 5199***

The pumps are horizontal arrangement, single stage, single suction, overhung, radially split, single or double volute casing, centerline mounted, end/top nozzles orientation.



Performance :

Design Pressure Rating: Up to 40 bar g @ 20 °C.

Temperature Rating : Up to 450 °C.

Flow Rate : Up to 2998 m³/hr (13200 gpm).

Total Differential Head: Up to 320 m (1050 ft).

Speed : Up to 3600 rpm.

➤ ***Single Stage Centrifugal Pump End Suction - OH2 – OH3 API 610***



Application:

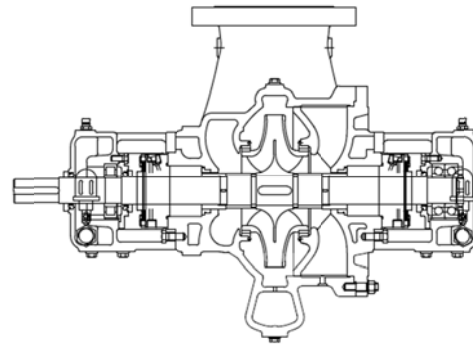
For pumping Clean Water, Hydrocarbons, Chemical Solutions, Inorganic or Organic Acids, caustic Solutions, Condensate, Upstream Process, Boiler Feed Booster, etc.

➤ **Multistage Centrifugal Pump API 610**
Pump Type BB1 – BB2 - BB3 - BB4 and BB5

The pumps are horizontal arrangement, multistage, double volutes, single suction, opposed group of impellers, between bearing, axially split, centerline mounted, side/side nozzles orientation.



BB3



BB2

For low NPSH values a double suction first stage impeller for higher capacity range.

Performance - Design Pressure Rating : Up to 210 bar g @ 20 °C.
Temperature Rating : Up to 175 °C.
Flow Rate : Up to 10000 m³/hr (44000 gpm).
Differential Head : Up to 1500 m (4921 ft).
Speed : Up to 3600 rpm.

Application – For pumping hydrocarbons, chemical solutions, inorganic or organic acids, caustic solutions, condensate, crude oil and product pipeline, crude oil transfer, water injection, reverse osmosis booster, boiler feed, etc.

➤ **Vertical Turbine Pump API 610 – Pumps Type VS1 - VS4 - VS6**

The pumps are double casing (with can or barrel), turbine or diffuser type, vertically suspended shaft, single or multistage, discharge through column, single suction, radially split, side-to-side nozzle orientation.

Performance:

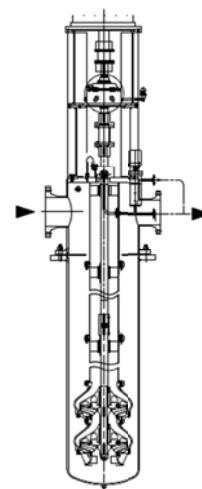
Design Pressure Rating: Up to 120 bar g @ 20 °C.

Temperature Rating : Up to 220 °C.

Flow Rate : Up to 12000 m³/hr (52800 gpm).

Total Differential Head: Up to 1000 m (3280ft).

Speed : Up to 3600 rpm.



VS-6

Application – For pumping hydrocarbons, chemical solutions, inorganic or organic acids, caustic solutions, condensate, upstream process, boiler feed booster, etc.

➤ **ELECTRIC SUBMERSIBLE PUMP**

Standard Electric Multistage Submersible pumps and Explosion Proof Electric Submersible pumps are available for Clear Water Supply , Dewatering and Wastewater application.



Performance -

Flow Rate : Up to 1,499.06 m³

Discharge Head : Up to 350 FT (107 M).

Solid Size : Up to 4" (100 mm)

Application :

For Dewatering and Wastewater

For Ground Water - Deep Well

➤ **ROTARY – SCREW PUMPS – API 676**

3PPrinze Screw Pumps, ONE or TWO or THREE Screws which rotate without contact between each other, ensure constant flow, pulsation free together with a high suction lift, i.e. a very low NPSH. The pumps can be supplied horizontal or vertically installation.



Performance - Design Pressure Rating : Up to 100 bar g @ 20 °C.
Temperature Rating : Up to 350 °C.
Flow Rate : Up to 1200 m³/hr
Discharge Pressure : Up to 60 bar
Viscosity : 0.5 – 200,000 cSt.

Application – For pumping hydrocarbons, chemical solutions, inorganic or organic acids, caustic solutions, condensate, crude oil and product pipeline, crude oil transfer, etc.

- HYGENIC PUMPS ALSO AVAILABLE



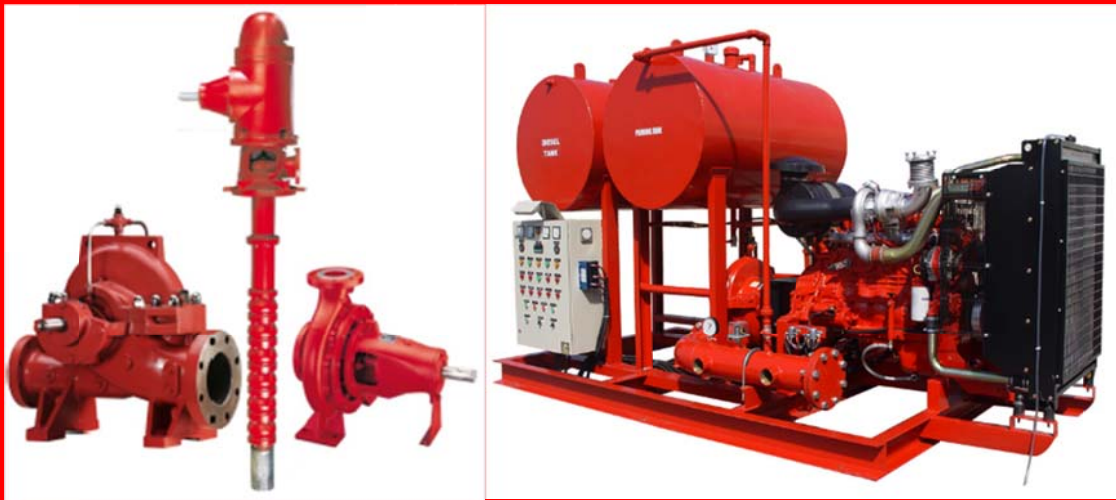
➤ **FIREWATER PUMPS PACKAGES – NFPA 20 - UL/FM**

Provide a complete fire pump system as defined by the latest edition of NFPA 20, UL Listed, FM Approved and related standard.

Performance:

Design Press.: - up to 50 bar at 20 °C Capacity: - up to 13200 Usgpm

Temperature: - up to 105 °C. Total Head: - up to 1050 feet.



Application –

For pumping fire protection system

Contact us:



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