



UNISTREAM ENGRG. (S) PTE. LTD.

Moving beyond the flanges

A World of Pumps



Delivering pumping solutions since 1983, Unistream Engineering has grown from strength to strength to this day to become one of the most trusted and source after company, for providing variety of pumping systems and applications to a wide range of industries such as, Chemical Process, Petroleum, Oil and Gas, HVAC Building Services, Fire Protection, Marine Utility and Water Treatment, Ship/Boat Building, Food Processing and Pharmaceutical industries.



Moving beyond the flanges

Working closely with our reputable principals and manufacturers, we are committed to provide the best solution for customers' pumping needs with our vast experiences. We also provide testing and commissioning, after sales service, maintenance and overhaul as well as spare parts support to our customers.

Our product range includes,

- Ebsray Pump, providing medium and heavy duty positive displacement Rotary Gear, Sliding Vane & LPG pumps, suitable for handling a diverse variety of products.
- Ebsray Centrifugal Pump, covering End Suction, Split Casing, Multi-Stage and PSB labelled Fire pumps.
- Xylem A-C Pump, offering NFPA20 UL listed, FM approved electric motor or diesel engine driven Fire pumps.
- Trident UL listed Rotary Gear Foam pumps
- Johnson Pump, providing a wide range of DIN/ISO Centrifugal pumps, API 610 Process pumps, Self-Priming pumps, Flexible Impeller pumps and accessories for marine/boat applications.
- Inoxpa Pump, offering Stainless Steel hygienic Centrifugal pumps, Rotary Lobe and Progressive Cavity pumps.

APPLICATION REFERENCES:



Skid Mounted Xylem A-C UL/FM Fire Pump Package



Ebsray Marine Class Ship Fire Pump Package



Xylem A-C UL/FM Fire Pump with Acoustic Enclosure



Ebsray Rotary Internal Gear Pump



Ebsray Split Case HVAC Pump



Ebsray PSB Labelled Sprinkler Fire Pump

**Horizontal End Suction Centrifugal Pump (DIN 24255)
STREAMLINE Series Specifications:**

- Back pull-out feature
- Max Capacity: 150 l/s
- Max Head: 150 m
- Working Pressure: max 16 bar
- Temperature: max 105°C

Applications:
HVAC, Pressure Boosting
Water Supply, Transfer, Circulating
Fire Protection, Marine


**Horizontal Axially Split Casing Pump
EHS Series Specifications:**

- Single Stage or Double Stage,
- Vertical Configuration Available
- Max Capacity: 1000 l/s
- Max Head: 280 m
- Working Pressure: max 25 bar
- Temperature: max 100°C

Applications:
HVAC, Pressure Boosting
Water Supply, Transfer, Circulating
Fire Protection, Marine


**Vertical Multi Stage Pump
EMVI Series Specifications:**

- Stainless Steel Multi Stage Centrifugal
- Max Capacity: 50 l/s
- Max Head: 290 m
- Working Pressure: max 25 bar
- Temperature: max 120°C

Applications:
Pressure Boosting, Boiler Feed
Water Treatment, Transfer
Sprinkler System


**Internal Gear Pump
MD & HD Series Specifications:**

- General Purpose Heavy Duty PD Pump
- Capacity: max 80 l/s
- Diff Pressure: max 14 bar
- Viscosity: max 500,000 cSt
- Temperature: max 350°C

Applications:
Petroleum, Lub Oil and Fuel Oil
Chemical and Pharmaceutical
Paint and Paper, Marine industries


**Internal Gear Pump
Z Series Specifications:**

- General Purpose Low Flow Design PD Pump
- Capacity: max 24 l/m
- Diff Pressure: max 14 bar
- Viscosity: max 10,000 cSt
- Temperature: max 200°C

Applications:
Petroleum Lub Oil and Fuel Oil
Chemical and Pharmaceutical
Paint and Paper, Marine industries


**Rotary Sliding Vane Pump
V Series Specifications:**

- General Purpose Sliding Vane PD Pump
- Capacity: max 100 l/s
- Diff Pressure: max 14 bar
- Viscosity: max 10,000 cSt
- Temperature: max 100°C

Applications:
Petroleum, Fuel Oil & Edible Oil
Chemical and Pharmaceutical
Transport Tanker, Lub Oil
LPG Terminals, LPG Cylinder Filling


**PSB Labelled Fire Pump
Centrifugal End Suction Pump Specifications:**

- Electric Motor or Diesel Engine Driven
- Duty: Ordinary Hazard – 15 to 75 m (OH1, OH2, OH3)
- Working Pressure: max 16 bar
- Temperature: max 105°C

Applications:
Sprinkler System,
Hydrant System for
Commercial and
Industrial Buildings


**Marine Fire Pump/NFPA20 Fire Pump
Axially Split Casing Pump Specifications:**

- Single Stage or Double Stage,
- Max Capacity: 1000 l/s
- Max Head: 280 m
- Working Pressure: max 25 bar
- Temperature: max 100°C

Class Certification:

DNV, ABS, BV, GL
Lloyds, RINA, etc.

Applications:
Ship Fire Fighting, FiFi Unit



XYLEM A-C FIRE PUMPS



8100 Series

Capacity up to 3000 GPM
Pressure up to 255 PSI (179 m)



8200 Series

Capacity up to 1000 GPM
Pressure up to 640 PSI (450 m)
Two stage design



9100 Series

Capacity up to 5000 GPM
Pressure up to 208 PSI (146 m)



In Line Series

Capacity up to 1500 GPM
Pressure up to 165 PSI (116 m)



Vertical Turbine Series

Capacity up to 5000 GPM
Pressure up to 350 PSI (247 m)
Open line shaft design



Specifications:

- In compliance with NFPA 20 standard
- UL/ULC listed, FM approved
- Space saving design Horizontal Split Case, Vertical Turbine, In-Line and End Suction models
- Performance and hydrostatically tested in accordance with NFPA 20
- Standard cast iron casing, bronze fitted construction
- Ductile iron casing available for high-pressure applications
- Available in UL listed, FM approved diesel engine driven pump set
- Available in 50Hz or 60Hz electric motor driven pump set
- Complete with UL listed, FM approved fire pump controller
- Design to provide complete fire protection for Residential, Commercial, Public buildings and Industrial facilities.



XYLEM GOULDS PUMPS

Horizontal End Suction Centrifugal Pump (ISO 2858)

GISO Series Specifications:

- Back pull-out feature
- Max Capacity: 900 m3/h
- Max Head: 160 m
- Working Pressure: max 16 bar
- Temperature: max 100°C

Applications:

HVAC, Pressure Boosting
Water Supply, Transfer, Circulating
Water Treatment



Horizontal Split Case Centrifugal Pump

GSC & HSC Series Specifications:

- Single Stage Double Entry
- Max Capacity: 18000 m3/h (GSC)
- Max Capacity: 1500 m3/h (HSC)
- Max Head: 180 m
- Working Pressure: max 25 bar
- Temperature: max 105°C

Applications:

HVAC, Pressure Boosting
Water Supply, Transfer,
Circulating, Water Treatment
Fire Protection



Multi Stage Centrifugal Pump

P Series Specifications:

- Horizontal or Vertical Configuration
- Max Capacity: 1800 m3/h
- Max Head: 300 m
- Working Pressure: max 45 bar
- Temperature: max 120°C

Applications:

HVAC, Pressure Boosting
Water Supply, Transfer
Boiler Feed, Water Treatment



Vertical Turbine Pump

Specifications:

- Line Shaft or Submersible
- Max Capacity: 400 m3/h
- Max Head: 300 m
- Max Speed: 3600 rpm
- Vertical Hollow Shaft or Solid Shaft Motors

Applications:

Dewatering, Irrigation
Municipal Water Supply
Pressure Boosting



JOHNSON PUMPS



CombiNorm **Centrifugal Pump to DIN 24255**

Max. Capacity 1500 m³/h
Max. Head 140 m
Max. Pressure 16 bar
Max. Temp 200° C
Applications: Utility, Marine,
General Purpose for any applications.



CombiChem **Centrifugal Pump to ISO 5199**

Max. Capacity 800 m³/h
Max. Head 160 m
Max. Pressure 16 bar
Max. Temp 200° C
Applications: Heavy duty pump for
Chemical Process and Marine industries.



FreFlow FRE **Self-Priming Centrifugal Pump**

Max. Capacity 350 m³/h
Max. Head 80 m
Max. Pressure 9 bar
Max. Temp 95° C
Applications: General Purpose,
Water Treatment and Marine industries.



KGE **Self-Priming Centrifugal Pump**

Max. Capacity 100 m³/h
Max. Head 60 m
Max. Pressure 8 bar
Max. Temp 95° C
Applications: General Purpose,
Water Treatment and Marine industries.



CombiPrime Vertical **Self-Priming Centrifugal Pump**

Max. Capacity 800 m³/h
Max. Head 100 m
Max. Pressure 10 bar
Max. Temp 80° C
Applications: General Purpose,
Water Treatment and Marine industries.



CombiPrime Horizontal **Self-Priming Centrifugal Pump**

Max. Capacity 500 m³/h
Max. Head 100 m
Max. Pressure 10 bar
Max. Temp 80° C
Applications: General Purpose,
Water Treatment and Marine industries.



CombiPro **API 610 Process Centrifugal Pump**

Max. Capacity 350 m³/h
Max. Head 160 m
Max. Pressure 35 bar
Max. Temp 350° C
Applications: Heavy duty for Oil & Gas,
Chemical and Process industries.



CombiBloc **Close-Coupled Centrifugal Pump**

Max. Capacity 850 m³/h
Max. Head 105 m
Max. Pressure 10 bar
Max. Temp 110° C
Applications: General Purpose, Utility
Water Treatment and Marine industries.



CombiFlex **Vertical Centrifugal Pump**

Max. Capacity 1500 m³/h
Max. Head 140 m
Max. Pressure 10 bar
Max. Temp 200° C
Applications: General Purpose, Utility
Water Treatment and Marine industries.



MCH & MCV (Horizontal & Vertical) **Multi-stage Centrifugal Pump**

Max. Capacity 100 m³/h
Max. Head 340 m
Max. Pressure 40 bar
Max. Temp 120° C
Applications: General Purpose, Utility
Water Treatment and Marine industries.

JOHNSON MARINE PRODUCTS FOR BOAT APPLICATIONS

Bilge Pumps



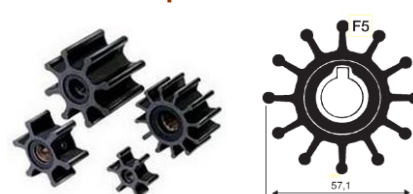
Circulation Pumps



Macerator Pumps/Marine Toilet



Flexible Impellers



Flexible Impeller Engine Cooling Pumps



DC Driven Flexible Impeller Pumps



Marine Water Heater & Blower



Water Pressure Systems








Hand Operated Bilge Pump



Low Boy Bilge Pump



Stainless Steel Hygienic Centrifugal/Self-Priming Pumps, Lobe Rotor Pump and Progressive Cavity Pump

PUMP SERIES							
	SLR Lobe	Estampinox EFI/EFH	Hyginox SH	ASPIR Self Priming	Hyginox SE	Prolac S	KIBER KS/KSF
Max. Flow	160 m3/h	65 m3/h	150 m3/h	56 m3/h	100 m3/h	425 m3/h	60 m3/h
Max. Head	200 m	45 m	100 m	90 m	75 m	200 m	120 m
Max. Temp	120° C	90° C	120° C	120° C	120° C	120° C	90° C
Max. Speed	1450 rpm	3500 rpm	3500 rpm	1750 rpm	3500 rpm	3500 rpm	1450 rpm
Material	SS 316L	SS 316L	SS 316L	SS 316L	SS 316L	SS 316L	SS 316L
Applications	Food Processing, Pharmaceutical, Cosmetics, Water Treatment & Chemical, Dairies & Beverages industries.						


TRIDENT TITAN FOAM PUMPS

High Performance Rotary Gear Foam Pumps

GP30 Series

Capacity up to 48 GPM
Pressure up to 300 PSI
Max Speed up to 1800 rpm


GP60 Series

Capacity up to 71 GPM
Pressure up to 300 PSI
Max Speed up to 1800 rpm


GP120 Series

Capacity up to 140 GPM
Pressure up to 300 PSI
Max Speed up to 1800 rpm


GP160 Series

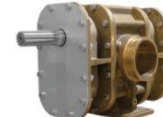
Capacity up to 180 GPM
Pressure up to 300 PSI
Max Speed up to 1800 rpm


GP200 Series

Capacity up to 230 GPM
Pressure up to 300 PSI
Max Speed up to 1800 rpm


GP300 Series

Capacity up to 335 GPM
Pressure up to 300 PSI
Max Speed up to 1800 rpm


GP500 Series

Capacity up to 560 GPM
Pressure up to 300 PSI
Max Speed up to 1600 rpm

Specification:

- Brass housing with Bronze Alloy Rotors
- 17-4PH Stainless Steel Shafts
- Splined Pump Drive Shafts
- Keyed Shaft on GP 30 and GP60
- Shaft Sealed 100% from Pumping Medium
- Splash Oil Lubrication for Timing Gears
- Silicon Carbide Mechanical Seals
- Rubber Seals – No Gaskets
- Double Row Roller Bearings – Sealed for Life
- Victaulic™ Connections
- Stainless Steel Fasteners
- Pump Mounts in any Orientation
- Designed for Easy Serviceability
- Optional SAE Engine Bell Housing Adapter
- Optional SAE Hydraulic motor Bracket
- Optional Speed Sensor

For more information about our products, please contact below emails or visit www.unistream.com.sg


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