



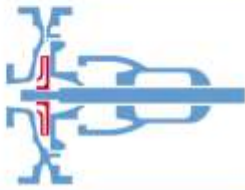
FLUID GLOBAL SOLUTIONS

►► *Pumps and spare parts* ◄◄



# PUMPS Centrifugal

## HORIZONTAL



According to EN733 Standards

- **Type:**

Bareshaft, coupled with motor, base with coupling.

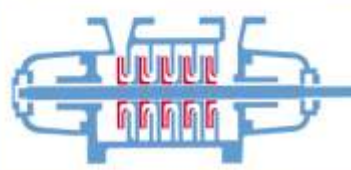
- **Applications:**

Sea water recycling plants, heating and cooling, plants of water supply, pressurizing units, fire-fighting systems.

- **Materials:**

Carbon steel, cast iron, marine bronze, stainless steel AISI 316.

## HORIZONTAL MULTISTAGE



- **Type:**

Radial or axial suction body, adjustable direction of flanges.

- **Applications:**

Sea water, water supply, high pressure lifting, refrigeration, heating and cooling, snowmaking plants, reverse osmosis.

- **Materials:**

Carbon steel, cast iron, marine bronze and stainless steel AISI 316.

## VERTICAL



- **Type:**

Inline, monobloc, coupled with rigid coupling, normal or self-priming.

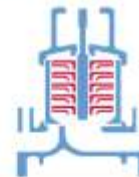
- **Applications:**

Feed water, sea water, heating and cooling plants, aqueducts, water supply, chemical and petrochemical products, fire-fighting systems.

- **Materials:**

Cast iron, marine bronze, stainless steel AISI 316.

## VERTICAL MULTISTAGE



- **Type:**

Radial or axial suction body, adjustable direction of flanges.

- **Applications:**

Sea water, water supply, high pressure lifting, refrigeration, heating and cooling, snowmaking plants, reverse osmosis.

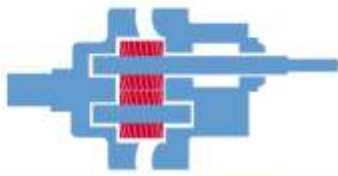
- **Materials:**

Carbon steel, cast iron, marine bronze and stainless steel AISI 316.



# PUMPS Positive displacement

GEAR



- **Type:**

Version with mechanical and leap seals, magnetic coupling.

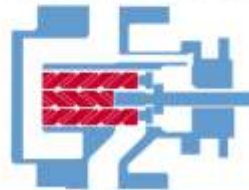
- **Applications:**

Lubrication machinery/engine, hydraulic power units, chemical additive metering, foam blending in fire-fighting system, fuel oil supply or booster and generally transfer of viscous liquids as glue, paints, grease.

- **Materials:**

Carbon steel, cast iron, marine bronze, stainless steel AISI 316.

THREE SCREWS PUMPS



- **Type:**

Version with mechanical and leap seals, magnetic coupling.

- **Applications:**

Lube services, power hydraulics, heavy fuel oil, booster and special naval applications, fuel oil burners, transfer services, cooling, food and petrochemical services.

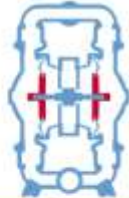
- **Materials Pump body:**

aluminium, cast iron, carbon steel, hardened steel.

- **Screws:**

Cast iron, core hardened steel screws, surface hardened.

DIAPHRAGM



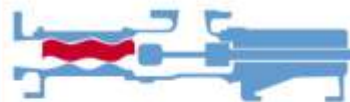
- **Applications:**

Emptying of tankers with solvents, acids, alkali and others, cleaning and sterilization in chemical and pharmaceutical process with safe operation, transfer in fluid industry, dosing of chemicals in varnish industry.

- **Materials:**

Body in Aluminium, Cast Iron, Stainless Steel, Polypropylene, PTFE.

MONO SCREW PUMPS



- **Type:**

Version with floating stator, progressing cavity and optional hopper.

- **Applications:**

Oil sludge, bilge and sea water, resin, paint, acids, cement, food industry, biogas industry.

- **Materials Rotor:**

Chromed SS, C40, AISI304/316, Duplex.

- **Stator:**

NBR, EPDM, FKM, PTFE, others on customer request.

- **Pump body:** Cast iron G25, stainless steel 304/316, FE510, bronze, Duplex, CIP on require.

# SPARE PARTS & BRANDS

90% are ready from stock

## PUMPS



### Spare parts & Impellers



### Mechanical seals & Components

## Pump brands

### EUROPEAN BRANDS

Alfa Laval, Sweden  
Allweiler, Germany  
Azcue, Spain  
Behrens, Germany  
Bornemann, Germany  
Depa-Crane, Germany  
Desmi pump, Denmark  
Grundfoss, Denmark  
Hamworthy, U.K.  
Herboner, Germany  
Imo, Sweden  
Iron pump, Denmark  
Kral pumpen, Austria  
KSB, Germany  
Leistritz pumpen, Germany  
Megator, UK  
Nirex-Alfa Laval, Denmark  
Seepex, Germany  
Thune Eureka, Norway  
Wilden pump, UK

### ITALIAN BRANDS

Bellin Pompe  
Calpeda  
Garbarino Pompe  
Lowara Pompe  
Nova Rotors  
Saer Elettropompe  
Settima Meccanica

### JAPANESE BRANDS

### KOREAN BRANDS

Ishi  
Helshin  
Naniwa  
Sasakura  
Shinkokinzoku  
Taiko-Kikay  
Teikoku  
Shin Shin

## PURIFIERS



## Purifier brands

Alfa Laval, Sweden  
Westfalia, Germany  
Nirex F.W. Generator, U.K.  
Filtri Moatti, Italy  
Boll & Kirch, U.K.

trading

## COMPRESSORS



## Compressor brands

Alup, Germany  
Sperre, Norway  
Hatlapa, Germany  
Hamworthy, U.K.  
J.P. Sauer & Sohn, Germany  
Tamrotor, Norway  
Atlas Copco, Sweden  
Tanabe, Japan



# SERVICES

The service is part of our core business, depending on the situation we perform it in our headquarters or directly on site and includes: maintenance and overhaul of complete units and components, reverse engineering and design activities, customized machining of spare parts, performances testing and testing on machinery.



FGS is able to provide certifications from some of the most trustworthy and best class register companies. The technical expertise of our technicians and engineers enable us to provide all our clients with:

- Certification in house
- Competitive times and price
- High quality
- Latest technologies



## Overhauling Pumps

Overhauling of pumps and rotating machines, overhauling of mechanical seals, impellers regenerations and predictive maintenance.

We can provide this type of job directly in our headquarters or directly on board.



## Maintenance and Service Assistance

At FGS we are able to do pumps maintenance for any type or brands, in our headquarters or directly on board.

Our maintenance service stands for reliability, precision and rapidity.

We are authorized service station for OME and SAER.



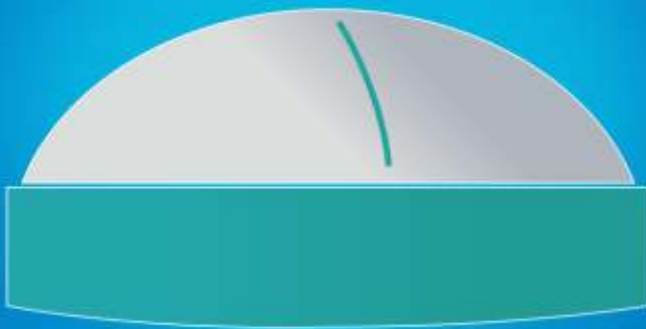
## Reverse engineering

Reverse engineering, machine design and pumps customization

# FIELDS

## Industrial

FGS provides a suitable solution for every industrial application, proposing its centrifugal and positive displacement pumps for water handling and lubricant transport



## Environmental & Biogas Application

Water utilities, Purification plants, Water Treatment Plants, Biogas plants are the perfect locations for FGS products

## Oil & Gas

FGS has an extensive range of pumps for Oil Fields, onshore and offshore extraction plants, Refineries, LNG terminals



## Marine & Offshore

FGS provides a perfect solution for Shipowners, Shipmanagement, Shipyards, Drydocks fluid handling needs.





MASTER DISTRIBUTOR



ITALIAN AGENT



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**GM turbo d.o.o.**

# FGS

FLUID  
GLOBAL  
SOLUTIONS

PUMPS AND SPARE PARTS



Phone: +39 0187 1953245

Fax: +39 0187 1953246



Email: [sales@fluidglobalsolutions.com](mailto:sales@fluidglobalsolutions.com)

Administration: [account@fgsolutions.eu](mailto:account@fgsolutions.eu)

PEC: [fluidglobalsolutionssrl@pcert.postecert.it](mailto:fluidglobalsolutionssrl@pcert.postecert.it)

Registered office:



Via XXV Aprile, C3 – Loc. Pedemonte

19021 Arcola – LA SPEZIA - ITALY

SHIPSERV: Trade ID: 220420



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# [www.fluidglobalsolutions.com](http://www.fluidglobalsolutions.com)

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