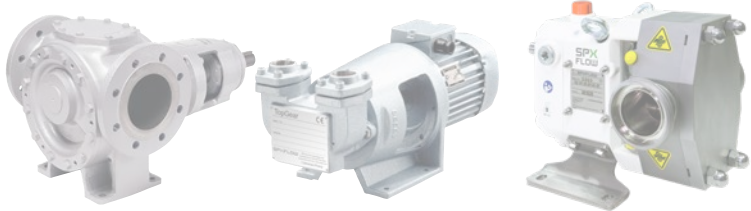
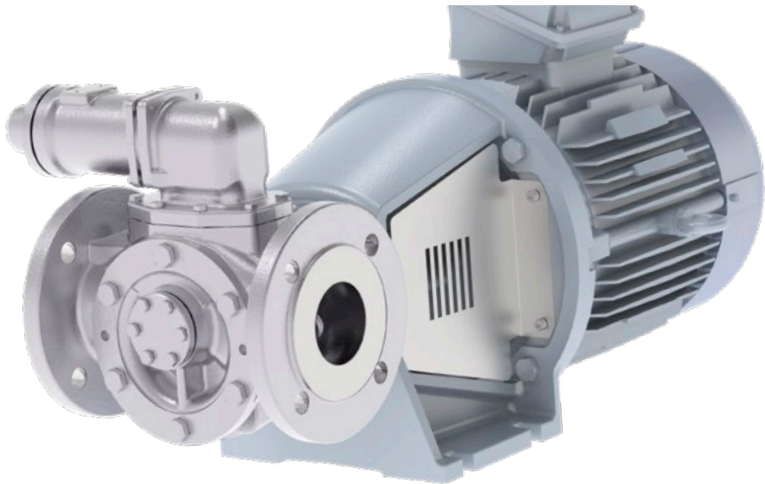
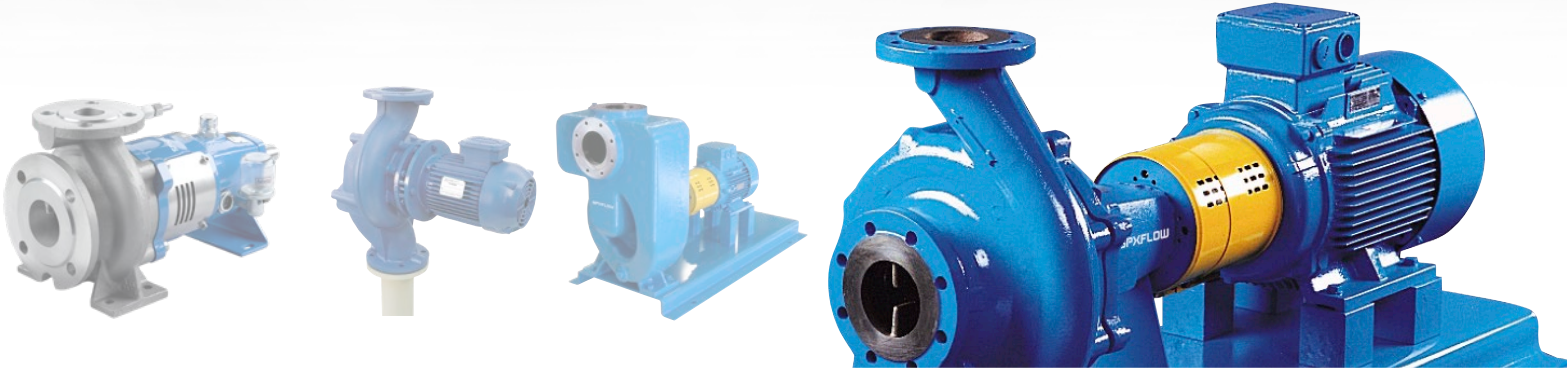


Johnson Pump

INDUSTRIAL PUMPS



Keeping You Pumping

For more than 75 years, we have been designing and manufacturing industrial pumps. Our experience combined with our wide products portfolio enables us to provide you a pump you can rely on.

Buying a pump from us is just not a one-off transaction - the pump has to keep running for a long time. Therefore, providing our customers service and maintenance throughout a pump's service life is important.

We don't aim to be a pump manufacturer, but **your solution provider.**

It's All about Finding Your Solution

Your process is unique. It's that something extra that places you ahead of all the rest. If you require a non-standard solution, we will collaborate with you to meet your special requirements. With our wide range of Johnson Pump standard products to build on we can customize a solution with little additional design work needed to keep you ahead.

From R&D to sales and support, we'll work with you on an affordable solution to meet your needs. In addition to pumps, we also have a variety of flow technologies including valves, mixer, heat exchangers and entire processing systems.

Johnson Pump Models

Centrifugal Pumps

- According to ISO, EN, API
- Multistage
- Magnetic Drive
- Self-Priming

Positive Displacement Pumps

- Internal Gear Pumps
- Rotary Lobe Pumps
- Flexible Impeller Pumps
- Diaphragm Pumps

Product Applications

ABRASION RESISTANT COATINGS

Lime slurries, paper fillers, dirty sump water and the like can unnecessarily wear out a pump. Surface treatment like tungsten carbide HVOF coating on pump casing parts and rotors greatly increase the service life of your pumps.



NOISE REDUCTION

With a specially designed impeller we were able to reduce noise levels in tank farm applications where large numbers of our FreFlow self-priming centrifugal pumps are in use.



SAFE HANDLING OF HOT WATER

On circulation pumps for a hospital heating system we combined a modified pump casing with an externally mounted heat exchanger.



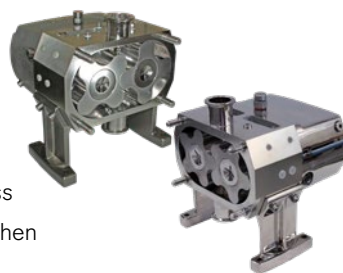
ULTRA PURE WATER TREATMENT PLANT

We collaborated with the plant owners on the design of pressure pumps to be used in reverse osmosis in an innovative enterprise where waste water is purified and used as steam injection for residual oil extraction from mature oil fields.



IMPROVED FLOW CHARACTERISTICS

Development of new multilobe rotors for uniform flow of sausage meats and even less pulsation and resonance in the pipeworks when pumping thin liquids.



Pharmaceutical



Food and Beverage

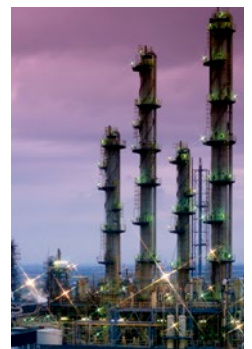


Horticulture



Chemical

General Industry



Petrochemical

Building Water Services



Waste Water Treatment



Pulp & Paper



Shipbuilding

Centrifugal Pumps

Centrifugal Pumps are the most common and well-established pumps on the market. They come in many different models and can transfer fluids with high efficiency over a wide range of flows and pressures. We offers several series of centrifugal pumps, many of which comply with ISO, DIN and API standards.

Johnson Pump brand's Combi system is a modular programme of centrifugal pumps with a high degree of interchangeability of parts between the different pump constructions.

The modular design makes it possible to construct many design variants and it also provides a large degree of interchangeability of components between various pump types and even between the different pump families. This, together with the wide range of materials available, makes it easy to supply the correct design for each specific application; allowing you to be served in an optimal way.

We supply you with a full range of documentation for our pumps:

ATEX

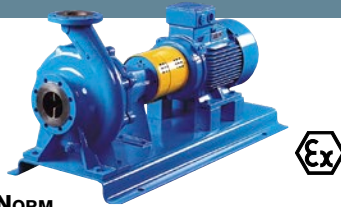
Material traceability and certification 2.1, 2.2 and 3.1

QHP tests

Vibration tests

Noise level tests

Standardized Pumps



COMBINORM

utility or general purpose pump according to EN733

Max. capacity	1500 m ³ /h (6600 GPM)
Max. head	160 m (525 ft)
Max. pressure	16 bar (232 psi)
Max. temp	200°C (392°F)
Max. speed	3600 rpm
Materials	cast iron, nodular cast iron, bronze



COMBI-CHEM

heavy duty chemical pump according to ISO 5199 and EN 22858

Max. capacity	800 m ³ /h (3520 GPM)
Max. head	160 m (525 ft)
Max. pressure	16 bar (232 psi)
Max. temp	200°C (392°F)
Max. speed	3600 rpm
Materials	cast iron, nodular cast iron, bronze, stainless steel

Thermal Oil/Hot Water Pumps



COMBI-THERM

specially developed for thermal oil (DIN 4754) and hot water applications (ratings and dimensions to EN733)

Max. capacity	400 m ³ /h (1761 GPM)
Max. head	160 m (525 ft)
Max. pressure	16 bar (232 psi)
Max. temp	Thermal oil 350°C (662°F) Hot water 190°C (374°F)
Max. speed	3600 rpm
Materials	nodular cast iron

Self-Priming Pumps



COMBI-PRIME H & V

horizontal & vertical (variable position suction bend), hydraulics according to EN733

Max. capacity	500 m ³ /h (2200 GPM) [H] 800 m ³ /h (3520 GPM) [V]
Max. head	100 m (328 ft)
Max. pressure	10 bar (145 psi)
Max. temp	80°C (176°F)
Max. speed	3600 rpm
Materials	cast iron, bronze



FRE-FLOW

horizontal, handles gas and particle content

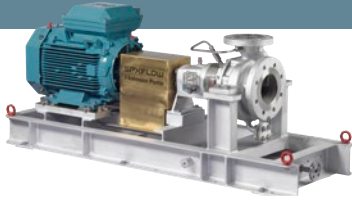
Max. capacity	350 m ³ /h (1540 GPM)
Max. head	80 m (262 ft)
Max. pressure	9 bar (131 psi)
Max. temp	95°C (203°F)
Max. speed	3600 rpm
Materials	cast iron, bronze, stainless steel



KGE

horizontal, handles gas and particle content

Max. capacity	100 m ³ /h (440 GPM)
Max. head	60 m (197 ft)
Max. pressure	8 bar (116 psi)
Max. temp	95°C (203°F)
Max. speed	3600 rpm
Materials	cast iron



COMBIPro

heavy duty process pump according to API610, API682 and API685

Max. capacity 350 m³/h (1540 GPM)
 Max. head 160 m (525 ft)
 Max. pressure 35 bar (508 psi)
 Max. temp 350 °C (662 °F)
 Max. speed 3600 rpm
 Materials carbon steel, 13% Cr-steel, stainless steel (316)



MonoBloc Pumps



COMBIBloc

compact close-coupled pump, standard IEC flange motor

Max. capacity 850 m³/h (3740 GPM)
 Max. head 105 m (344 ft)
 Max. pressure 10 bar (145 psi)
 Max. temp 120 °C (248 °F)
 Max. speed 3600 rpm
 Materials cast iron, bronze, stainless steel

Vertical Pumps



COMBIFLEX, -UNIVERSAL, -BLOC

variable position suction bend, hydraulics according to EN733

Max. capacity 1500 m³/h (6600 GPM)
 Max. head 160 m (525 ft)
 Max. pressure 25 bar (363 psi)
 Max. temp 200 °C (392 °F)
 Max. speed 3600 rpm
 Materials cast iron, nodular cast iron, bronze, stainless steel

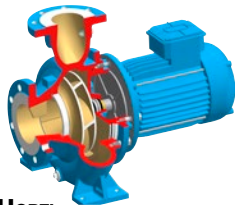
Submersible Pumps



COMBISUMP

vertical pump with dry motor EN733, EN22858 and API610

Max. capacity 1500 m³/h (6600 GPM)
 Max. head 160 m (525 ft)
 Max. pressure 16 bar (232 psi)
 [35 bar (508 psi) API610]
 Max. temp 160 °C (320 °F)
 Max. speed 3600 rpm
 Materials cast iron, nodular cast iron, bronze, stainless steel, carbon steel, 13% Cr-steel



COMBIBlocHORTI

compact close-coupled pump, impeller mounted directly on extended motor shaft

Max. capacity 700 m³/h (3082 GPM)
 Max. head 38 m (125 ft)
 Max. pressure 10 bar (145 psi)
 Max. temp 140 °C (284 °F)
 Max. speed 3600 rpm
 Materials cast iron, bronze, stainless steel

InLine Pumps



COMBI LINE

close-coupled circulation pump on extended shaft motor

Max. capacity 500 m³/h (2200 GPM)
 Max. head 35 m (115 ft)
 Max. pressure 10 bar (145 psi)
 Max. temp 140 °C (284 °F)
 Max. speed 1800 rpm
 Materials cast iron



COMBI LINE BLOC

close-coupled circulation pump on stub shaft to IEC motor

Max. capacity 450 m³/h (1980 GPM)
 Max. head 100 m (328 ft)
 Max. pressure 10 bar (145 psi)
 Max. temp 120 °C (248 °F)
 Max. speed 3600 rpm
 Materials cast iron, bronze

MultiStage Pumps



MCH

horizontal configuration

Max. capacity 100 m³/h (440 GPM)
 Max. head 340 m (1120 ft)
 Max. pressure 40 bar (580 psi)
 Max. temp 150 °C (302 °F)
 Max. speed 3600 rpm
 Materials cast iron, bronze



MCV

vertical configuration

Max. capacity 100 m³/h (440 GPM)
 Max. head 340 m (1120 ft)
 Max. pressure 40 bar (580 psi)
 Max. temp 120 °C (248 °F)
 Max. speed 3600 rpm
 Materials cast iron, bronze



MCHZ

horizontal, self-priming

Max. capacity 100 m³/h (440 GPM)
 Max. head 340 m (1120 ft)
 Max. pressure 40 bar (580 psi)
 Max. temp 120 °C (248 °F)
 Max. speed 3600 rpm
 Materials cast iron

Positive Displacement Pumps

Rotary Lobe Pumps are easy to clean and have gentle product-handling characteristics. They contain few cavities, which reduces the risk of bacterial growth and makes them particularly suitable for the transport of sensitive fluids – from glue to whole strawberries.

Impeller Pumps have good suction characteristics and the ability to pump solid particles. Impeller pumps have a wide range of applications in all types of industries.

Air Operated Double Diaphragm Pumps are used in all types of industries for transporting a wide variety of liquids. Clean or polluted, thin or viscous, abrasive or aggressive.



Internal Gear Pumps are used in a wide range of applications pumping thin liquids like fuels and oils up to high viscous media like polymers, bitumen and chocolate.

We supply you with a full range of documentation depending on need and local regulations

ATEX

3A

EHEDG

FDA, USP VI

Material Traceability and Certification 2.1, 2.2 and 3.1

QHP Tests

Vibration Tests

Noise Level Tests

Internal Gear Pumps, Close-Coupled



TOPGEAR L
for low viscous liquids

Max. capacity
Max. pressure
Max. temp
Max. viscosity
Materials

8m³/h (35 GPM)
25 bar (3635 psi)
250°C (480°F)
60 000 mPas / cP
nodular cast iron



TOPGEAR BLOC
for low and medium viscous liquids

Max. capacity
Max. pressure
Max. temp
Max. viscosity
Materials

50m³/h (220 GPM)
16 bar (230 psi)
180°C (356°F)
7 500 mPas / cP
cast iron, stainless steel

Rotary Lobe Pumps



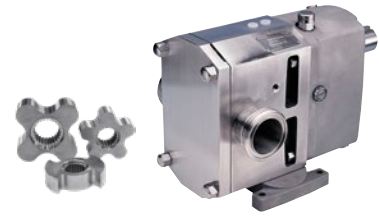
TOPLOBEPlus
hygienic tri-lobe rotors

Max. capacity	82 m ³ /h (316 GPM)
Max. pressure	10 bar (145 psi)
Max. temp	100°C (212°F)
Max. viscosity	100 000 mPas / cP
Materials	stainless steel (316L)



TOPLOBE
hygienic tri-lobe rotors

Max. capacity	125 m ³ /h (550 GPM)
Max. pressure	22 bar (319 psi)
Max. temp	70°C (158°F)
Max. viscosity	100 000 mPas / cP
Materials	stainless steel (316L), duplex



TOPWING
high hygienic bi-wing & multilobe rotors

Max. capacity	156 m ³ /h (687 GPM)
Max. pressure	15 bar (218 psi)
Max. temp	150°C (300°F)
Max. viscosity	80 000 mPas / cP
Materials	stainless steel (316L), duplex



Flexible Impeller Pumps



F-19 12/24 V DC
self-priming extra heavy duty bronze pumps

Max. capacity	55 l/min (14.5 GPM)
Max. pressure	1.2 bar (17.4 psi)
Max. temp	55°C (130°F)
Materials	PTMT (thermoplastic polyester) or bronze



FIP & FB
self-priming pumps, industry / hygienic stainless steel and bronze versions

Max. capacity	37.5 m ³ /h (165 GPM)
Max. pressure	4 bar (58 psi)
Max. temp	55°C (130°F)
Materials	bronze, stainless steel, polished stainless steel



TOPAIR
self-priming multipurpose pump with peripheral flow

Max. capacity	48 m ³ /h (211 GPM)
Max. pressure	7 bar (102 psi)
Max. temp	120°C (248°F)
Max. viscosity	10 000 mPas / cP
Materials	PP, aluminium, cast iron, stainless steel, PTFE, PVDF, PVC



Internal Gear Pumps, Long-Coupled



TOPGEAR G
for general purpose heavy duty



Max. capacity	130* m ³ /h (570 GPM)
Max. pressure	16 bar (230 psi)
Max. temp	300°C (570°F)
Max. viscosity	80 000 mPas / cP
Materials	cast iron
	<i>*Max. 260 m³/h (1145 GPM) with SRT on request</i>



TOPGEAR H
for high demanding heavy duty



Max. capacity	130 m ³ /h (570 GPM)
Max. pressure	16 bar (230 psi)
Max. temp	300°C (570°F)
Max. viscosity	80 000 mPas / cP
Materials	stainless steel, cast steel, ductile iron



TOPGEAR MAG
seal-less, with magnetic drive



Max. capacity	80 m ³ /h (350 GPM)
Max. pressure	16 bar (230 psi)
Max. temp	250°C (480°F)
Max. viscosity	10 000 mPas / cP
Materials	cast iron, stainless steel

JOHNSON PUMP
INDUSTRIAL PUMPS

SPXFLOW®

Based in Charlotte, N.C., SPX FLOW, Inc. (NYSE: FLOW) improves the world through innovative and sustainable solutions. The company's product offering is concentrated in process technologies that perform mixing, blending, fluid handling, separation, thermal heat transfer and other activities that are integral to processes performed across a wide variety of nutrition, health and industrial markets. SPX FLOW had approximately \$1.4 billion in 2020 annual revenues and has operations in more than 30 countries and sales in more than 140 countries. To learn more about SPX FLOW, please visit www.spxflow.com.

Your local contact:

SPX FLOW, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation.

Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

Please contact your local sales representative for product availability in your region. For more information visit www.spxflow.com.

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