



Authorized Channel partner -

SPXFLOW



About Affinity Sales and Services



- > Company was formerly known as Affinity Sales & Services Pvt Ltd ; now renamed as Affinity Sales and Services
- Around 10 years to put up its experience and expertise in major industrial sector in providing pumping and engineering solution
- Represent reputed organizations around India who are the market leaders for respective products like SPX-Johnson pump, CG Motor, BBL Motor and Premium Transmission gearbox
- > Our Services teams provide **Pump services across India from last 10 years**

About Infrastrure

- Managed by professionally experienced director backed up by team of qualified and trained engineers, technician, accountant
- Fully fledged computerized offices at Pune
- > Fully atomized with rack and stacker & overhead cranes godown to store engineering products
- We believe in building relationship through " Services with Ethics"
- We love to accept challenges....!!!!

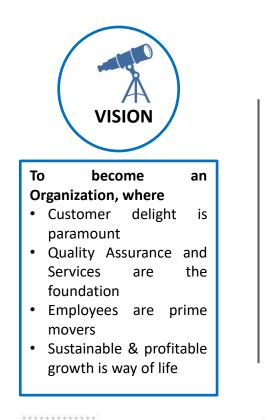


Strong Value. Shared Goals.



SPXFLOW

> Johnson Pump[•]





To serve the Customer on time with best quality assurance and services at competitive prices in the market and geographies where we operate directly or through our growth partners VALUE

We	consider		our	С	ore
values Co			abora	atio	on,
Credibility,			Emp	bat	hy,
Transparency and Trust as					
esse	ntial to	СС	ontinu	e	to
grow our business.					

www.affinitypump.in



- Company was formerly known as **Stork Pumps (India) Limited and was founded in 1988**.
- Date of conversion from Stork Pumps to Johnson Pump on 28th Jan, 1998
- Date of conversion from Johnson Pump to SPX India on 23rd March, 2010
- Company now renamed as SPX Flow Technology (India) Pvt. Ltd.

About Infrastrure

Total Land Area: - 6321 sq.m Built up Area: - 2733 sq.m Open Land: - 3588 sq.m Factories: - SPX has two facilities in India. One is in **Ahmedabad** and second is in **Jaipur**.



Product Portfolio

- CombiNorm Series
- CombiChem Series
- CombiBloc Series
- FreFlow Series
- **KGE** Series
- Internal Gear Pump
- Mechanical Seal & Motor









CombiNorm Series



Johnson Pump

CombiNorm represents a range of horizontal centrifugal pumps suited for handling low-viscosity, clean or slightly contaminated liquids. The pump is designed to EN 733 (DIN 24255).

Key Features

Available in several material Suitable for wide range duties Mechanical seal, standard gland packing Oil or grease lubricated heavy duty bearing Easy maintenance with back pull out principle

Typification

Pump Model – CN 40-200 G1 S1 L1

Pump Family – CN=CombiNorm

Pump Size – 40-200= Diameter discharge connection(mm) – nominal impeller diameter(mm)

Technical Specification		
Casing:	Cast iron, Nodular cast iron, Bronze	
Impeller:	Cast iron, Bronze	
Max. capacity:	1500m3/h	
Max. delivery head:	140 m	
Max. liquid temp:	200°C	
Max. pressure:	16 bar (10 bar)	
Max. speed:	3600 rpm	

www.affinitypump.in



Pump Casing and Impeller material –

- G1 : Cast Iron and Cast Iron
- G2 : Cast Iron and Bronze
- G6 : Cast Iron and SS316
- B2 : Bronze and Bronze
- NG1 : Nodular Cast Iron and Cast Iron
- NG2 : Nodular Cast Iron and Bronze

Shaft Sealing –

- S1 : Gland Packing
- S2 : Gland Packing with shaft Sleeve
- S3 : Gland Packing with shaft Sleeve and lantern ring
- S4 : Gland Packing with shaft Sleeve and Cooling jacket
- M1 : Mechanical Seal, Unbalanced
- M2 : Mechanical Seal, Unbalanced with shaft sleeve

Bearing –

L1 : Sealed Deep grooved ball bearing, Grease lubricated

L2 : Double row angular contact ball bearing + roller bearing, Grease lubricated

L3 : Deep grooved ball bearing, Oil bath lubricated

L4 : Double row angular contact ball bearing + roller bearing, Oil bath lubricated

Application

Utility, Irrigation Installation, Agriculture and horticulture, Low presser boiler feed







CombiChem Series



CombiChem represents a range of horizontal centrifugal pumps, designed to ISO 2858 / EN 22858 (DIN 24256), suitable for handling low viscosity, clean or slightly contaminated liquids especially in chemical industry.

Key Features

Available in several material Suitable for wide range duties Mechanical seal, single and double cartridge seal Oil lubricated heavy duty bearing Easy maintenance with back pull out principle

Typification

Pump Model – **CCR 40-200 R6 S2 L3** Pump Family – CNR=CombiChem Pump Size – 40-200= Diameter discharge connection(mm) – nominal impeller diameter(mm)

Technical Specification		
Casing:	Stainless steel	
Impeller:	Stainless steel	
Max. capacity:	800 m3/h	
Max. delivery head:	160 m	
Max. liquid temp:	200°C	
Max. pressure:	1600 kPa (16 bar)	
Max. speed:	3600 rpm	





Johnson Pump

Pump Casing and Impeller material -

R6: SS316 and SS316

R4 : SS304 and SS304

R6L : SS316L and SS316L

R6A : SS316 and Half Open Impeller SS316

A20 : Alloy 20 and Alloy 20

R1: WCB and WCB

Shaft Sealing –

- S2 : Gland Packing with shaft Sleeve
- S3 : Gland Packing with shaft Sleeve and lantern ring
- S4 : Gland Packing with shaft Sleeve and Cooling jacket
- M2 :Mechanical Seal, Unbalanced with shaft sleeve
- M3 : Mechanical Seal, balanced with shaft sleeve

MD2 : Double Mechanical Seal, Unbalance

Bearing –

L2 : Double row angular contact ball bearing + roller bearing, Grease lubricated

L3 : Deep grooved ball bearing, Oil bath lubricated

L4 : Double row angular contact ball bearing + roller bearing, Oil bath lubricated

Application

Distillery, Chemical, Pharmaceutical, Petrochemical, Refineries, Metal processing, Tank farms



CombiBloc Series



CombiBloc Series



Johnson Pump

CombiBloc ,designed according to EN 733 (DIN 24255) represents a range of horizontal centrifugal pumps close-coupled to electric motors. The pump is suitable for handling low-viscosity, clean or slightly contaminated and aggressive liquids.

Key Features

Available in several material Suitable for wide range duties Integrated in pump cover Perfect alignment(increased seal life) Shaft Sealing Easy maintenance and operation for changing impeller

Technical Specification		
Casing:	Cast iron, Bronze, Stainless steel	
Impeller:	Cast iron, Bronze, Stainless steel	
Max. capacity:	850 m3/h	
Max. delivery head:	105 m	
Max. liquid temp:	120°C	
Max. pressure:	1000 kPa (10 bar)	
Max. speed:	3600 rpm	

> Application

Low viscosity, clean or slightly contaminated and aggressive liquids transportation in Industrial cleaning machine, Oil purification and flushing system





FreFlow Series



FreFlow pumps are self-priming centrifugal pumps, designed suitable for handling contaminated and lowviscosity liquids.

Key Features

Excellent self-priming ability No non-return valve required in inlet Oil bath for the mechanical seal Ideal for handling contaminated liquids Outstanding qualities for liquids containing gas or air Easy maintenance and operation (back pull-out)

Technical Specification		
Casing:	Cast iron, Bronze, Stainless steel	
Impeller:	Cast iron, Bronze, Stainless steel	
Max. capacity:	350 m3/h (1540 GPM)	
Max. delivery head:	80 m (262 ft)	
Max. liquid temp:	95°C (203°F)	
Max. pressure:	900 kPa (9 bar) (131 psi)	
Max. speed:	3600 rpm	
Self-priming:	Up to 7 m (Up to 23 ft)	

Application

Loading and unloading several liquid in marine industry, waste water aggressive liquid, slurry application







KGE Series



The KGE is a self-priming centrifugal pump with radial (semi-open or closed) impeller, overhung mounted on a bearing pedestal. If a spacer type coupling is used, the pump can easily be dismantled without it being necessary to disturb the piping or to move the motor.

Key Features

Excellent self-priming ability Non-return valve mounted Oil bath for the mechanical seal Ideal for handling contaminated liquids

> Typification

Example:- KGE 11-4 (Impeller diameter in cm – Suction discharge connection in cm)

Application

ETP Plant, Waste Treatment Plant, loading – unloading water

Technical Specification		
Casing:	Cast iron	
Impeller:	Cast iron, Bronze	
Max. capacity:	100 m3/h	
Max. delivery head:	60 m	
Max. liquid temp:	95°C	
Max. pressure:	8000 kPa (8 bar)	
Max. speed:	3600 rpm	



Internal Gear Pumps Series





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Internal Gear Pump



Internal Gear Pump can be used in all types of manufacturing applications for the transportation of both thin and thick materials, from chocolate to diesel fuel







	TopGear TG L	TopGear TG G	TopGear TG H
Technical Specification	For low viscosity liquid	For general purpose heavy duty	For high demanding heavy duty
Max. capacity	8m3/h (35 GPM)	250 m3/h (1100 GPM)	130 m3/h (570 GPM)
Max. pressure	25bar (363 psi)	16 bar (230 psi)	16 bar (230 psi)
Max. temp	250°C (480°F)	300°C (570°F)	300°C (570°F)
Max. viscosity	60000mPas / cP	60000mPas / cP	80000 mPas / cP
Materials	nodular cast iron	cast iron	SS, CS, Ductile Iron

> Application

High Viscosity liquid transportation like chocolate, ice-cream, paint, chemical and oil









Stockiest of Mechanical Seal and Motor

- AFFINITY fxcellence in Services
- Affinity Sales and Services know for stockiest of pump mechanical seal and motor.

Mechanical Seal

Single and double mechanical seal, Cartridge Seal for Spx-Johnson pump and all process pump.

CG and BBL Motor

We maintain stock of **CG/BBL motor** with competitive price. According customer requirement, We assembly pump with motor.

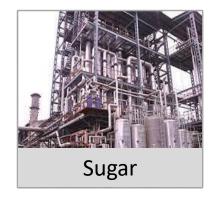
Gearbox

For better Life, We supply **Premium/ Bonfiglioli make gear motor** between gear pump and motor.

Le D La m trom



Industry Served





Food-Beverage

Chemical



Pulp-Paper

Le D La m + o h





Pharmaceutical



Waste Water

SPXFLOU

Our Presence



- HO at Pune with maintain centralized Stock at Pune Factory
- Presence across Maharashtra

Pune

Mumbai

Nashik

Aurangabad

Kolhapur

Presence across India

Karnataka

UdderPradesh

MadhyaPradesh

Andhra Pradesh

Our Services Team provide Pump maintenances and Services across India









Contact us:-

For Project Enquiry :-Mr.Vishal Khond (Director) vishalkhond@affinitypump.in Area Sales Manager -

Mr.Aniket Kalekar
+91-7219703039
Mr.Vishal Bandal
+91-9359174952

Thank you for giving us to Valuable Time

Office address:-Affinity Sales & Services

Sun Planet Building,Sr.No.120, near Sai Mandir, Dighi-Alandi Road, Wadmukhwadi, Charholi(B), Pune-412105 Email: **sales@affinitypump.in** Phone: **+91-8605696664**