



AFFINITY SALES AND SERVICES

Authorized Channel partner - **SPXFLOW**
Johnson Pump®

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....!!!!**



SPXFLOW
➤ **Johnson Pump**

Strong Value. Shared Goals.



To become an
Organization, where

- Customer delight is paramount
- Quality Assurance and Services are the foundation
- Employees are prime movers
- Sustainable & profitable growth is way of life



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



We consider our core values **Collaboration, Credibility, Empathy, Transparency and Trust** as essential to continue to grow our business.



About SPX-Flow Technology



AFFINITY
Excellence in Services

- 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**.



SPXFLOW
> Johnson Pump

Product Portfolio

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



AFFINITY
Excellence in Services

www.affinitypump.in



SPXFLOW
> Johnson Pump

CombiNorm Series



CombiNorm Series



➤ 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

Technical Specification	
Casing:	Cast iron, Nodular cast iron, Bronze
Impeller:	Cast iron, Bronze
Max. capacity:	1500m ³ /h
Max. delivery head:	140 m
Max. liquid temp:	200°C
Max. pressure:	16 bar (10 bar)
Max. speed:	3600 rpm

➤ **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)





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 Series



AFFINITY
Excellence in Services

- 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

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

- **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)



SPXFLOW
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



ECO CLEAN

CombiBloc Series



CombiBloc Series



AFFINITY
Excellence in Services

- 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



SPXFLOW
Johnson Pump

FreFlow Series



FreFlow Series



AFFINITY
Excellence in Services

- FreFlow pumps are **self-priming** centrifugal pumps, designed suitable for handling contaminated and low-viscosity 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 m ³ /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



SPXFLOW
Johnson Pump

www.affinitypump.in

KGE Series



KGE Series



AFFINITY
Excellence in Services

- 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

Technical Specification	
Casing:	Cast iron
Impeller:	Cast iron, Bronze
Max. capacity:	100 m ³ /h
Max. delivery head:	60 m
Max. liquid temp:	95°C
Max. pressure:	8000 kPa (8 bar)
Max. speed:	3600 rpm

- **Typification**

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

- **Application**

ETP Plant, Waste Treatment Plant, loading – unloading water



SPXFLOW
Johnson Pump

***Internal Gear
Pumps Series***



Internal Gear Pump



AFFINITY
Excellence in Services

- **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



Technical Specification	TopGear TG L	TopGear TG G	TopGear TG H
		For low viscosity liquid	For general purpose heavy duty
Max. capacity	8m ³ /h (35 GPM)	250 m ³ /h (1100 GPM)	130 m ³ /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



SPXFLOW
Johnson Pump

www.affinitypump.in

*Stockiest of Mechanical
seal and Motor*



Stockiest of Mechanical Seal and Motor



AFFINITY
Excellence 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.



SPXFLOW
Johnson Pump

Industry Served



AFFINITY
Excellence in Services



Sugar



Chemical



Pharmaceutical



Food-Beverage



Pulp-Paper



Waste Water



SPXFLOW
Johnson Pump

www.affinitypump.in

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**



AFFINITY
Excellence in Services

www.affinitypump.in



SPXFLOW
> Johnson Pump®

Client Served



AFFINITY
Excellence in Services



SUPREME PETROCHEM LTD



and many more...



SPXFLOW
Johnson Pump

Contact us:-

For Project Enquiry :-

Mr.Vishal Khond (Director)

vishalkhond@affinitypump.in

Area Sales Manager -

For Mumbai,Pune :-

Mr.Aniket Kalekar

pune@affinitypump.in

+91-7219703039

For Kolhapur,Karnataka :-

Mr.Vishal Bandal

kolhapur@affinitypump.in

+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**