



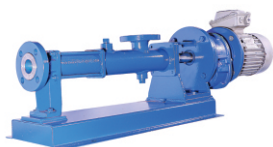
AFFINITY
Excellence in services

AFFINITY SALES & SERVICES

IT'S ALL ABOUT FINDING SOLUTION PUMPS, MOTORS & MORE...



- CENTRIFUGAL PROCESS PUMPS
- PROGRESSIVE CAVITY SCREW PUMPS
- NON METALLIC PROCESS PUMPS
- AIR OPERATED DIAPHRAGM PUMPS (AODD)



ASSOCIATED CHANNEL PARTNER

SPXFLOW
Johnson Pump®

 **HYDRO
PROKAV**
An Ingersoll Rand Business

ANTICO

 **PRICE
PUMPS**
AODD PUMPS

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About The Affinity

Leading Supplier For Process Pump

Affinity Sales & Services was established in Pune, Maharashtra in the Year 2012. The Organisation has been around for 10 years to put up its experience & expertise in major Industrial Sector for providing pumping & services solutions.

We are keeping Western Maharashtra at the forefront of engineering technology through our network of sister concerns at Nashik, Kolhapur, Aurangabad & most recently in Mumbai, all geared to meet the requirements of our customers.

We represent some of the reputed organization around the world who are the market leaders for the respective products like Spx-Johnson Pump, Hydro Prokav Pumps (An Ingersoll Rand Business), Antico Pumps, AODD Price Pump & Rane Coupling.

Affinity provides state of the art equipment for Industrial Sector with Products as varied as Pumps, Motors, Mechanical Seals & Coupling. We are engaged in Centrifugal Pump for water & chemicals handling & products being closely associated with our Principles.

We are proud to serve many well known customers like Mojj Engineering System, Praj Industries, Emcure, Unichem Laboratory, Aquatech Asia, Lupin, CIPLA, MSM, Chitale Dairy, Mapro etc.



Our Mission

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

Our Vision

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

Values :

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

Our Strengths :

- Highly reliable Products From reputed manufacturers
- Qualified team to Provide technical guidance & Offers within record time
- Well trained team for quick & Satisfactory Service



Collaboration



Credibility



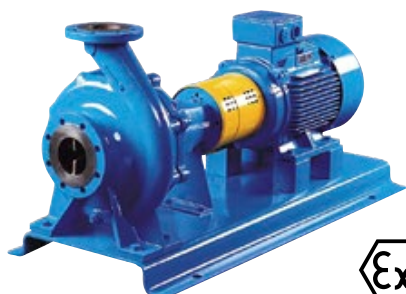
Empathy



Transparency



Trust



Combi Norm

Utility or general purpose pump according to EN 733

Max. Capacity 1500 m³/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 m³/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



Top Gear G

for general purpose heavy duty

Max. capacity 130 m³/h (570 GPM)

Max. pressure 16 bar (230 psi)

Max. temp 300 °C (570 °F)

Max. viscosity 80 000 mPas / cP

Materials cast iron

Max. 260 m³/h (1145 GPM) with SRT on request

KGE

Horizontal Self Priming

Max. capacity 100 m³/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





KX-A Series

Flow Up to	175 m ³ /h
Temperature Up to	200°C
Viscosity Up to	100,000 cP
Pressure Up to	48 bar

Ideal For Transforming

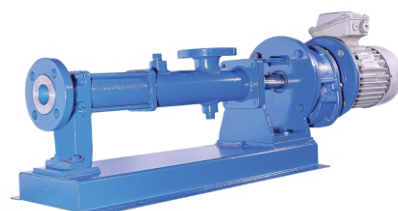
- Abrasive & corrosive slurries
- Ceramic slurries
- Masecuite
- Effluents
- Mineral oils
- Maize starch slurry
- Vegetable oils
- Paints

KX-PK Series

Flow Up to	100 m ³ /h
Temperature Up to	200°C
Viscosity Up to	100,000 cP
Pressure Up to	30 bar

Ideal For Transforming

- Abrasive and corrosive slurries
- High-consistency slurries
- Viscous & non-viscous slurries
- Fibrous slurries
- Sludges with solid suspensions



KX-W Series

Flow Up to	275 m ³ /h
Temperature Up to	200°C
Viscosity Up to	100,000 cP
Pressure Up to	36 bar

Ideal For Transforming

- Cake & Jam mix
- Yogurt
- Cream
- Non-Newtonian fluids
- Grease
- High consistency pulp
- Water asbestos slurries
- Paddy slurry & Cow dung

KX-V Series

Flow Up to	135 m ³ /h
Temperature Up to	200°C
Viscosity Up to	100,000 cP
Pressure Up to	12 bar

Ideal For Transforming

- Acids
- Sludge
- Varnish
- Cream
- Malt extract
- Fuel, Lube & Furnace oils
- Drug formulations





NS SERIES

Operating Frequency	50 Hz (60 Hz)
Capacity [Q] up to	30 m ³ /hr (132 US gpm)
Head [H] up to	30 m (98 ft)
Motor Power [P] up to	3.7 kW (5 hp)
Viscosity up to	80 mPas (80 cP)
Suction Lift	8 m (26 ft) with PC

Maximum Working Pressure	6 bar (87 psi)
Max Temp	PP : 82°C, GFRPP : 90°C, CFRPVDF : 110°C
Suction & Delivery Connection	ANSI B16.5 - Class 150
Shaft Seal	Single Mechanical Seals & Gland Packing
Bearings	Rolling Element Bearings
Lubrication	Grease

NZ SERIES

Operating Frequency	50 Hz	60 Hz
Capacity [Q] up to	40 m ³ /hr	50 m ³ /hr
Head [H] up to	38 m	54m
Motor Power [P] up to	15 kW	18.5 kW
Viscosity up to	150 mPas (cP)	
Suction Lift	8 m (26 ft) with PC	
Maximum Working Pressure	10 bar (145 psi)	

Maximum Specific Gravity	1.8 - 3
[SG]	
Minimum Continuous Flow	2.5 m ³ /hr (11 US gpm)
[MCF]	
Maximum Temperature	PP-H : 82°C, GFRPP : 90°C, PVDF : 104°C, ETFE : 121°C
Suction & Delivery Connection	ANSI B16.5 - Class 150
Shaft Seal	Single & Double Mechanical Seals
Bearings	Rolling Element Bearings
Lubrication	Grease / Oil



NJ SERIES

Operating Frequency	50 Hz	60 Hz
Capacity [Q] up to	210 m ³ /hr	250 m ³ /hr
Head [H] up to	100 m	122m
Motor Power [P] up to	55 kW	90 kW
Viscosity up to	150 mPas (cP)	
Suction Lift	8 m (26 ft) with PC	
Maximum Working Pressure	16 bar (232 psi)	

Maximum Specific Gravity [SG]	1.8 - 3
Minimum Continuous Flow [MCF]	2.5 m ³ /hr (11 US gpm)
Maximum Temperature	PP-H : 82°C, GFRPP : 90°C, PVDF : 104°C
Suction & Delivery Connection	ANSI B16.5 - Class 150
Shaft Seal	Single & Double Mechanical Seals
Bearings	Rolling Element Bearings
Lubrication	Grease / Oil

NK SERIES

Models	4025[125,160,200], 5032[125,160,200]
Operating Frequency	50 Hz
Capacity [Q] up to	50 m ³ /hr
Head [H] up to	60 m
Maximum Working Pressure	14 bar (200 psi)

Minimum Continuous Flow	2 m ³ /hr (9 US gpm)
[MCF]	
Materials	CF8M (SS316) CF3M(SS316L) CD4MCu WCB CI SGI Special Alloys
Suction & Delivery Connection	ANSI B16.5 - Class 150
Shaft Seal	Single / Double Mechanical Seal
Impeller Type	Semi Open & Closed





Features :

- No electrical motor- non sparking
- No mechanical seals or gland packing
- Self-priming
- Ability to deadhead safely without damage
- The pumps can run dry indefinitely without damage
- Does not need electricity, operates on compressed air
- Performs well even when completely submerged
- Pressure upto 100 psi (7 bar)
- Variable flow and head pressure
- No close fittings, sliding or rotating parts so can handle a wide range of fluids

Available Sizes :

1/4" BSP (6.35 mm)
1/2" BSP (15 mm)
1" BSP (25 mm)
1-1/2" BSP (40 mm)
2" BSP (50 mm)
3" BSP (80 mm)

Wetted Material :

Polypropylene, PVDF, ETFE,
Stainless Steel, Ductile Iron,
Aluminium

Elastomers-

Teflon Santoprene neoprene
Buna N Hytrel Polyurethane
Viton EPDM

Performance:

Max Pressure Upto : 7 kg/cm²
Max Flow Rate : 999 lpm (59 m³/hr)
Max size Solid : 13 mm

Other Pumps



**Openwell
Submersible
Pump**



**Sewage & Cutter
Pump**



**Monoblog
Pump**



**Vertical Multistage
Pump**

• TRUSTED BY •



Get In Touch

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