

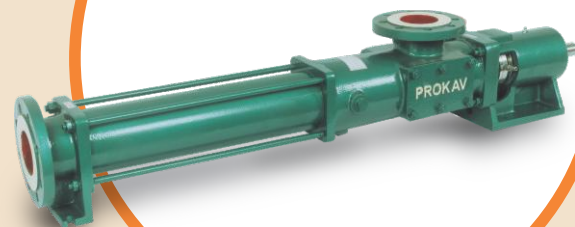


# HYDRO PROKAV

presents

Durable, Reliable, Versatile Eccentric  
Screw Pumps

## KX SERIES INDUSTRIAL AND CHEMICAL SCREW PUMPS



**Capacity** - 200 M<sup>3</sup>/HR, **Pressure** - 48 Bar, **Temperature** - 200°C, **Viscosity** - 1 ,00,000 CST

**Field of application:** Ceramic Slurry and other Abrasive and Corrosive slurries, Massecuite, Effluents, Mineral Oils, Maize Starch Slurry, Viscose, Paints, Vegetable Oil & Sludge etc.,

**Features:** KDX Pumps are of Cast iron construction with various metallurgy of rotating parts like Alloy Steel, Tool steel, SS 304 and SS 316 while KHX pumps are of SS304 and SS 316 material of construction. Other various options of FRP / Ebonite lined housing with rotating parts in Super Alloys like Alloy 20, Hastelloy C, Hastelloy B, Titanium are available for highly corrosive applications. Shaft sealing ensured by soft gland packing/ mechanical seal. Torsion free metal bonded stator and double sealed universal joints as Pin & Bush Joints or Special Designs like Gear Joints or Cardon Joints as per customer requirements for longer service life and improved efficiency results in trouble free performance of the pumps.

## K-CC SERIES CLOSE COUPLED COMPACT PUMPS



**Capacity** - 75M<sup>3</sup>/HR, **Pressure** - 12 Bar, **Temperature** - 120°C, **Viscosity** - 1 ,00,000 CST

**Field of application :** Acids and Alkaline slurry, Alum, Bentonite slurry, Casein Slurry, Ceramic Slurry, Coating Mix, Detergent slurry, Dewatered sludge, Electroplating solution, Emulsions, Ferrite slurry, Flocculent, Glue, Grout Mix, Gum Sludge, Industrial wastes, Latex, Lube Oil, Magma, Massecuite, Molasses, Oil sludge, Paint, Paper pulp, Petroleum jelly, Polyelectrolytes, Printing ink, Resins, Soap stock, Sodium Silicate, Spent wash, Varnish, Vegetable oil, Viscose, Water to Thickened Sludge, Yeast etc.,

**Features :** Compact Configuration of Screw Pumps in which the Pumping Parts are coupled directly to the drive thereby eliminating the Bearing Housing. Suitable for restricted spaces of operation or Mobile Pump Sets apart from low maintenance and cost effectiveness ensuring long service life. Various Material of Construction are offered to suit varied applications in CI, CS, SS304, SS316 etc., while Stators will be of Natural, Nitrile, EPDM, Neoprene, Hypalon, Viton, Silicon, Butyl, Hi-Nitrile, Buna Poly Butadiene etc.,

## PK SERIES INDUSTRIAL AND CHEMICAL SCREW PUMPS

**Capacity** : 300 M<sup>3</sup>/HR, **Pressure** - 24 Bar, **Temperature** - 200°C, **Viscosity** -1 ,00,000 CST

**Field of application :** All types of Abrasive, Corrosive, high consistency, fibrous, viscous and non viscous slurries/ Sludge with solid suspensions which are generally considered un-pumpable.

**Features :** PK Series of Pumps are designed with special Geometries in 1/2 as well as 2/3 profiles. While Cast Iron and SS 316 material of construction are offered, Special materials of construction are available for highly corrosive fluids. Shaft sealing ensured by soft Gland Packing / mechanical seal. Torsion free metal bonded stator and double sealed universal joints for longer service life and higher efficiency.

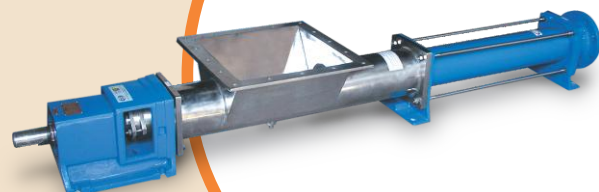


## KW SERIES WIDE THROAT CHEMICAL AND HYGEINE SCREW PUMPS

**Capacity** - 170M<sup>3</sup>/HR, **Pressure** - 24 Bar, **Temperature** - 200°C, **Viscosity** - 1 ,00,000,00 CST

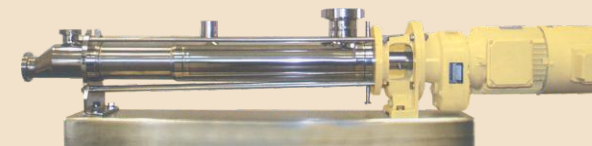
**Field of application :** Cake Mix, Grease, Water Asbestos Slurry, Explosive slurry, High Consistency Paper Pulp, Grout mix, Printers ink Paste, Pulp Concentrates, Jam, Chawanaprash, Yoghurt, Creams and other media termed as Non Newtonian Fluids.

**Features :** Hopper type suction inlet allowing gravity flow of Plastico - Viscous media on to Augur cum Coupling Rod pushing viscous substances into pumping cavity. Standard Pumps employ Mild Steel Hopper Pump Casing with alloy steel rotating parts. For corrosive or hygienic duty, all contact parts will be in SS material. Shaft sealing by soft Gland Packing / Mechanical Seal. Delivery connection in BS, ISO, ASA, ANSI flanged ends and for hygiene applications, IDF / SMS / Triclover or equivalent are used. Bridge Breaker Paddle assembly is available as option for products forming bridge while handling high consistency media and referred as KWBB Series of Pumps.



Where... handling is an art

## KF SERIES QUICK CLEAN HYGIENE SCREW PUMPS



**Capacity** - 150M<sup>3</sup>/HR, **Pressure** - 36 Bar, **Temperature** - 200°C, **Viscosity** - 10,00,000 CST

**Field of application:** Fruit Pulp, Fruit Juice, Honey, Condensed milk, Butter Oil, Glucose, Cream, Curd, Yeast, Icecream, Pharmaceutical Formulations, Syrup, Malt Extract etc.,

**Features :** Hygienic design pump with all metal parts in contact with liquid in smooth SS and stator of non-contamination rubber, Seamless body eliminating product retaining pockets. Shaft sealing by food grade soft Gland Packing / mechanical seal. IDF / SMS/TRICLOVER/ equivalent end connections.

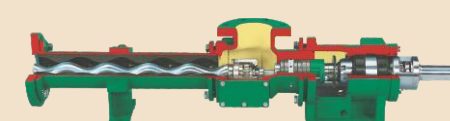
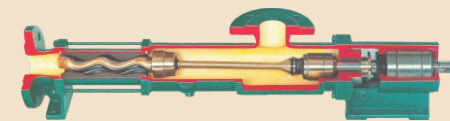
## KB SERIES VERTICAL/DRUM/BARREL SCREW PUMPS



**Capacity** : 10M<sup>3</sup>/HR, **Pressure** - 12 Bar, **Temperature** - 120°C, **Viscosity** - 10,00,000 CST

**Field of application :** Acids, Beer, Diesel Oil, Lubricating Oil, Furnace Oil, Drug formulations, Varnish, Chemical Solutions, Grease, Cream, Putty, Ink paste, Glucose, Malt Extract, etc.,

**Features :** Portable design vertical screw pumps for emptying barrels. Driven by vertical flange mounted Geared or Flanged Motors. Available in MS or SS construction with rotating parts to suit duty conditions. Shaft sealing by soft Gland Packing / Mechanical seal.



**HYDRO PROKAV PUMPS (INDIA) PVT. LTD.,**  
(BKG Group Company)

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