



Propelling the Future

PUMPS AND SYSTEMS FOR BUILDING SERVICES, INDUSTRY, MUNICIPAL, WATER SUPPLY AND DISPOSAL



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KINETIC FLOW SYSTEMS

Kinetic Flow Systems "KFS" a professionally organized company is the rapidly growing fluid systems solution provider, customized to match the emerging needs of the expanding national economic sectors.

The corporate mission stems out of the visionary leadership committed to promote life cycle cost "LCC" based solutions in the field of "PUMPS Application Engineering & Allied System Technologies". We market quality products/services keeping in view customers requirement which meets and /or exceeds their expectations.

The company serves a diversified range of public and private sectors clientele through a smart and agile marketing, sales and services network strategically located in Karachi, Lahore and Rawalpindi.

KFS derives its strength from a highly committed and dedicated team of professionals with a multifaceted engineering, industrial marketing, technical sales & services, O&M and project management expertise spread over two decades of proven excellence.

Aligning the corporate mission with customer's perception the company objectively promotes a quality competition supporting the healthier economic growth through an optimized combination of state of art system solutions matching specific industrial requirements.

Recognition and acceptability of our market oriented approach and customer's confidence in the innovative total system solution concept is clearly reflected in the continued success and accelerated growth of the company.



CORPORATE MISSION

We package and market a diversified range of customized fluid system solutions to match the expanding expectations of water, sewage, energy, oil & gas, building and industrial sectors.

We strive to excel in the field of "PUMPS Application Engineering & Allied Technologies", to acquire a distinct position as a pioneer fluid system solutions provider. Setting trends and bench mark of performance excellence, we impel the innovative life cycle cost based solutions to generate the highest perceived value for money to earn customer's delight.

Aligning the Corporate Vision and resources with the challenging business opportunities we shall continue to grow exponentially and provide lucrative returns to the stakeholder.



CORPORATE VALUES

We value human resource as our most precious capital and care for their career growth, welfare, honor and self-esteem.

We maintain and promote an environment friendly and congenial working atmosphere to optimize the operational efficiency and productivity of our business processes.

We value the opinion and feedback of our customers, vendors, global allies, employees and stakeholders while formulating, deploying, evaluating and augmenting our business plans and strategies.

We believe in transparency and ethical business practices and work with professional zeal and honesty.

We follow merit in human resource induction eliminating biases on gender, religion, culture and social backgrounds.

CORE COMPETENCE

* Pump Application Engineering & Allied System Solution Technologies for Water & Sewage, Irrigation & Drainage, Environment & Effluent Treatment Plants, Energy & Power, Oil & Gas Refineries, Chemical & Petrochemical Plants.

* Strategic Marketing and Engineered Selling.

* Life Cycle Cost based analysis and optimized selection of pumping systems. Engineering Procurement Construction (EPC) and Operation & Maintenance (O&M) contracts management.

* Product Audits and Refurbishment of pumping machinery & allied equipment in plants turn around.

* If you have a pumping system that has not had a check up lately, you run the risk of expensive breakdown issues. KFS will help you avoid these unplanned expenses by visiting your Plants & Factory and inspecting all of your pumping system. A report will outline discoveries and suggestions will be made for preventive maintenance steps and this is all at no cost to you. Why do we do it? To gain your trust and to show you how good we really are with no strings attached. Whether you need it built, renovated or maintained, KFS is your reputable choice.

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- * Strategic Marketing and Engineered Selling.
- * Life Cycle Cost based analysis and optimized selection of pumping systems.
- * Engineering Procurement Construction (EPC) and Operation / Maintenance (O&M) contracts management.
- * Product Audits and Refurbishment of pumping machinery & allied equipment in plants turn around.
- * If you have a Plants / Machinery that has not had a check up lately, you run the risk of expensive breakdown issues. KFS will help you avoid these unplanned expenses by visiting your Plants / Factory and inspecting all of your mechanical systems. A report will outline discoveries and suggestions will be made for preventive maintenance steps and this is all at no cost to you. Why do we do it? To gain your trust and to show you how good we really are with no strings attached.

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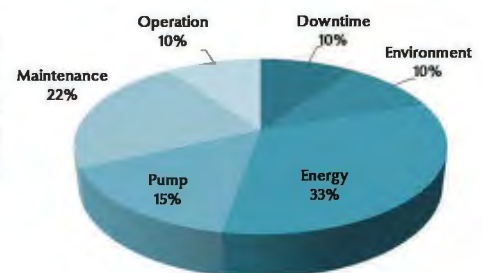
LIFE CYCLE COST CONCEPT

The life cycle cost (LCC) is the overall "lifetime" cost to purchase, install, commission, operate and dispose of a plant, machinery or equipment.

The LCC methodology is a professional approach to predict the most cost effective solution for a system or a process. As an effective management tool; it helps organizations to minimize wastages while optimizing the operational economy of a variety of industrial process including pumping systems.

Generally the pumping system worldwide account for almost 20% of the global electrical energy demands. Depending upon nature of the process in certain industrial plants the pumping system can consume upto 25-50% of the total energy requirement. It is hence becoming increasingly important to create awareness both at the management and operational levels to understand the need for selecting an optimized combination of system and equipment to minimize this recurring expense through the LCC approach. A typical life cycle cost for a representative industrial pumping system segmented below clearly depicts operation & maintenance and energy cost as potential areas where enormous savings can be achieved through optimized pumping equipment selection.

At "Kinetic Flow Systems" the vitality of "Life Cycle Cost Concept" is of pivotal importance. The concept is deeply rooted into our market oriented strategy, focused to provide cost effective lucrative solution to the valued customers.



BANKING INFORMATION

Bank: Allied Bank Limited
Branch: Shaheed-e-Millat Road (0415)
Swift Code: ABPAPKKA (AXXX)
Account Name: Kinetic Flow Systems
Account No.: 0010001701790022

Tax REGISTRATION PARTICULARS

NTN Registration # 0053238-0
GST Registration # 23-00-9999-790-37

Company



Product Specialization

EFAFLU is a Portuguese company with more than 60 years of experience, entirely dedicated to development, manufacture, marketing, technical support as well as after-sales service of pumps, pumping systems and fans. Its products are distributed throughout Portugal and abroad by specialized and qualified partners.

EFAFLU continuously develop their organization and their products in order to provide advanced technology solutions and quality services that ensure them the most reliable partner in the market. EFAFLU is aware of the environmental problems, Accordingly, they are concerned about supplying equipment with the highest energy savings. Furthermore, they manufacture from recyclable materials.

HVAC



WATER SUPPLY AND FIRE



DRAINAGE AND SEWAGE



INDUSTRIAL PROCESS



Company



Product Specialization

Process pumps complying to ANSI B73.1 specifications, low flow models, specialized pumps to handle fibrous and shear sensitive materials, self-priming wastewater pumps, available in ductile iron, 316SS, CD4MCu and Alloy 20 construction. Additional higher metal alloys (Hastelloy B or C, titanium, etc.) are available upon request.



2196

Capacities to 6000 gpm Heads to 730 feet Pressures to 375 psi Temperatures to 700 degrees F



2196-R

Handles fibrous & shear sensitive materials, minimizes degradation of solids. Available in 5 different sizes & a variety of materials



2196-LF

Low Flow High Head Pump Lower NPSHr Radial vane impeller with balance holes



2175

Stock / Process Pump Pulp & Paper: Cleaners, filtrate, liquor, screen rejects Steel: Cooling water, descaling, slurries, tailings Food: Beet & cane sugar, cane juices, fruit pulp, wet corn milling General: Manure transfer, mine water, waste treatment



2796

Self Priming Process Pump Open non-clogging impeller Rear pull-out External axial impeller adjustment



SN

Self Priming non-clogging pumps for Effluent, waste water and industrial applications especially containing foreign elements susceptible to clog the pump or foot-valve on suction lift conditions. Foot valve is not required on suction pipe due to self priming design.

Capacities to 3400 GPM
Heads to 130 FT
Temp. to 160 deg F (71deg C)



CCFM

CC & FM pumps are horizontal, end suction, centrifugal pumps designed for general service such as water, solvents, light oils, non-corrosive chemicals, coolants and brines.

Available in capacities to 2300 GPM and heads to 200 feet, these pumps are an economical and dependable solution for your pumping needs. All flanges are 125 lb ANSI B16.1 rating, NPT connections are standard on 6" and 8" sizes. A renewable bronze shaft sleeve is standard on cast iron pumps and a 316SS shaft sleeve is standard on alloy pumps.

Company

EGGER

Product Specialization

Swiss Engineered Vortex Pumps (open impeller), Process pumps (semi-open radial impeller with special profile), hybrid TEO impeller (combination of Turo vortex impeller and the semi-open impeller), axial impeller pumps available in virtually all possible mounting arrangements, materials and sealing combinations customized to suit site and process requirement.



Turo Vortex Pumps T

TURO Vortex Pumps with a completely open spherical channel. Only 15% of the pumped fluid comes into contact with the impeller.

Normal dimensions: DN 32-200 mm (1-1/4-8")

Capacity: up to 140 l/s (2220 US gpm)

Discharge head: up to 130 m WS (430 ft)

Discharge head: up to 30 bar / 440 psi

Operating temperature: up to 180°C / 335°F



Process Pumps EO / EOS

The high-performance pump for homogeneous liquids containing high concentrations of solids and high gas contents.

Normal dimensions: DN 50-500 mm (2-20")

Capacity: 1500 l/s (23800 US gpm)

Discharge head: up to 200 m WS (655 ft)

Operating pressure: up to 30 bar / 440 psi

Operating temperature: up to 180°C / 365°F



Hybrid pumps TEO

Patented Vortex Pump with a hybrid impeller. Combines the advantages of our semi-open impeller with those of a TURO vortex impeller.

Normal dimension: DN 32-80 mm (1-1/4 - 3")

Capacity: up to 35 l/s (550 US gpm)

Discharge head: up to 30 m WS (100 ft)

Operating pressure: up to 10 bar / 145 psi

Operating temperature: up to 140°C / 285°F



Elbow Pumps RPP / RPG

The typical pump for large capacity at low discharge heads (axial impeller). Available welded or solid cast, as required.

Normal dimensions: DN 250 - 700 mm (10-28") (cast)

DN 250 - 1400 mm (10 - 56") (welded)

Capacity: up to 7000 l/s (111000 US gpm)

Discharge head: up to 10 m WS (33ft)

Operating pressure: up to 6 bar from DN 600 4 bar

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