



شرکت فن آوری ساخت
دوار ماشین
احیاء

Positive Displacement Pump

طراحی، ساخت و تامین

- پمپ های جابه جایی مثبت
Positive Displacement Pumps
- پمپ های سانتریفیوژ
Centrifugal Pumps
- پمپ های آتشنشانی
Firefighting Pumps



Centrifugal & Fire Fighting Pumps

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شرکت فن آوری ساخت دوار ماشین احیاء

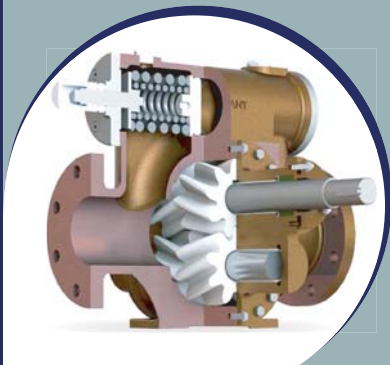
Fanavari Sakhte Davar Machine Ehya (FSDME) company Established in 2014, operates in the procurement and production of process pumps, particularly positive displacement pumps like Gear, Screw, Lube & PC pumps. The company aims to provide high-quality services and products in industries such as refineries, petrochemicals, power plants, and other sectors. FSDME holds representation from Albany Pumps, a UK-based manufacturer of Gear, Screw & Lube pumps, as well as being a representative of GLPP, a German producer of Progressive Cavity pumps, and FPX, a Dutch company specializing in the production of Centrifugal and Fire Fighting pumps. With its extensive experience in pump procurement and the necessity to localize these products, FSDME has established its own factory in Lorestan Province to produce these types of pumps. The company aims to manufacture and market its products through collaboration and licensing agreements with the aforementioned companies."



We are the agent of **ALBANY** Pumpin Iran for Gear, Screw & Lube Pumps

• External gear pumps >>

Gear pumps with capacities from 5 liters per minute (L/min) to 2000 L/min (120 M³/hr), pressures up to 40 barg, temperatures up to 320°C and viscosity up to 250,000 cst.

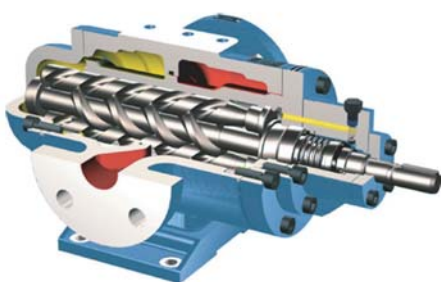
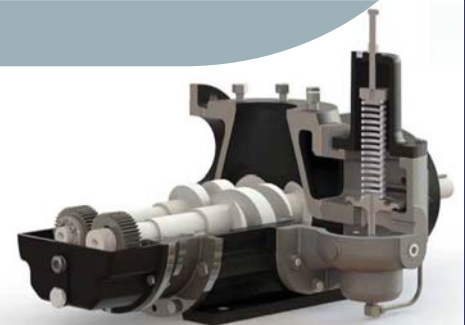


• Internal lobe pumps: >>

Lobe pumps covering flows up to 350 M³/hr, pressures up to 25 barg and viscosity up to 250,000 cst
3:4 or 7:8 lobe rotors

• Twin screw pumps:

Twin screw pumps with a capacity range of 15 M³/hr to 1000 M³/hr, pressures up to 50 barg, temperatures up to 300°C and viscosity up to 60,000 cst.
Multi-pitched screws



Albany Screw Pump

Triple Screw Series

Albany triple-screw pumps are positive-displacement, self-priming rotary pumps advanced design and manufacture, for use in a variety of industrial and marine applications. Typical liquids handled include lubricating oils, fuel oils, hydraulic oils, viscous, molasses, paints and creams.









PROGRESSIVE CAVITY PUMPS (PC-PUMPS)

PC-Pumps are used by all industries worldwide. used predominaantly in applications where liquids are polluted with solids such like sands, dirt, fibers and other waste products. The pc-pump can move 20% solids by volume abrasive sands and dirt. They are long-lasting and economic in use and easy to repair. Typical applications in diffrent industries are:

INDUSTRY	APPLICATION
Oil & Gas	Drilling Mud, Drainge of tanks and pits, Water re-injection and diluent-injection pumps, Pipeline transfer pumps, Multiphase pumps
Marine	Bilge pump, oil-water separator feed-pump, lube pumps
Pulp & Paper	Boosting of different fluid such as dye, filler material, pulp, cellulose, bleaching and straching agents, pigments, additives, glue etc, within the areas of: <ul style="list-style-type: none"> ■ Stock preparation ■ Paper machine ■ Coating kitchen ■ Supply industries
Wastewater	Boosting of sludge, feeding pump for filter presses

Furthermore there are many more applications within the following industries like chemical & petrochemical, biogas plant and environment, paint and galvanic.

OVERVIEW OF TYPES

	<p>BL-block-type Pump: The compact solution in block design with directly coupled motor, the most economic option.</p>	<p>Advantages: Universal, suitable for all fluids. Due to the block design minimized investment and operational cost.</p>
	<p>BH-Standard Pump: The universal type can be operated with all different kinds o drivers and due extra bearing very robust.</p>	<p>Advantages: Universal, suitable for all fluids. Due to the seprate bearing block also suitable for high pressure applications.</p>
	<p>BU-Semi-submersible Pump: Specially designed for vertical installation with pump elements submerged in the fluid.</p>	<p>Advantages: In block and standard design suitable to drain tanks, pits, sumps and clarifiers.</p>
	<p>BR-Open Hopper Pump: Design with an enlarged inlet connection and a coupling rod with auger to boost fluid with high content of solids.</p>	<p>Advantages: Smooth and gentle boosting of fluid with very high viscosity or high content of solids.</p>

Type	Capacity		Differential Pressure		Temperature	
	m³/h	gpm	bar	psi	°C	°F
BL	1.....85 m³/h	1.....375 gpm	up to 12 bar	up to 180 psi	up to 130°C	up to 265 °F
BH	1... 300 m³/h	1... 1.320 gpm	up to 24 bar	up to 360 psi	up to 130°C	up to 265 °F
BU	1....200 m³/h	1.....8800 gpm	up to 24 bar	up to 360 psi	up to 130°C	up to 265 °F
BR	1....300 m³/h	1.... 1.320 gpm	up to 24 bar	up to 360 psi	up to 130°C	up to 265 °F

We offer centrifugal pumps, system solutions and services to the specific needs of customers in the respective market segments.

As there are: Environment & Energy, Chemical, Food, Pharmaceuticals, Mining, and Oil & Gas.

Our service, quality and original parts ensure that the pump in your system operates reliably. Our vast pump installations and customer satisfaction is a testimony to our product reliability. Our multiple production sites ensure parts can be supplied in quick time globally.



Vertical Inline Multistage Pump
(FLVS)



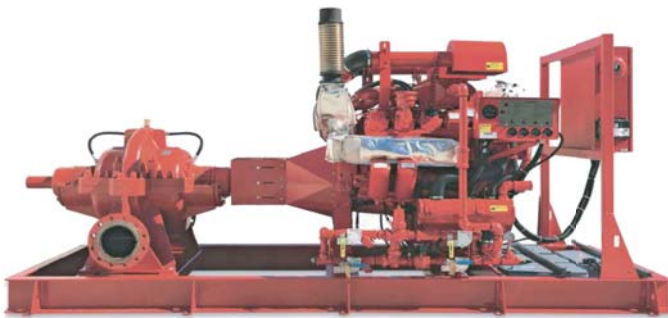
Vertical Turbine Pump
(FVT)



Vertical Inline Pump
(FEG)



Fire Fighting Pumps



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