

# PUMP UNITS

Product Brochure



Experience | Excellence | Flow

## Chemical

A complete range of products in various materials makes EMHKAM PUMPS the most reliable partner in the management of chemical applications of aggressive and corrosive liquids. Chemical industries, warehouses and paint industries are the main users.



## Fuel

EMHKAM PUMPS products offer solutions in all stages of fuel and asphalt pumping, applying, among others in fuel depots, refineries and asphalt producers.



## Food

Pumping liquids in the food and beverage industry is a demanding process. EMHKAM PUMPS offers excellent solutions in this field.



## Industrial

With extensive experience in producing quality. Sliding vane pumps and Gear pumps using top-of-the-line equipment, EMHKAM PUMPS specialises in providing solutions to most industries.



## Energy

EMHKAM pumps and hose reels are distinguished for their high quality, long life duration and reliability, offering solutions for pumping a wide range of liquids.



## Military & Marine

Military and Marine's applications very often require special product constructions. EMHKAM PUMPS offers pumping solutions with technical specifications.

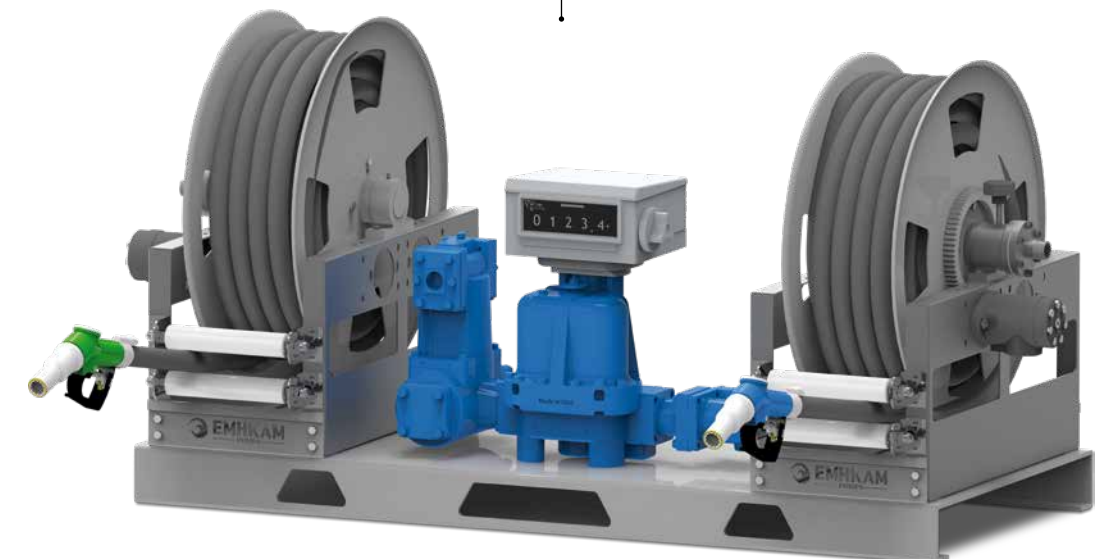
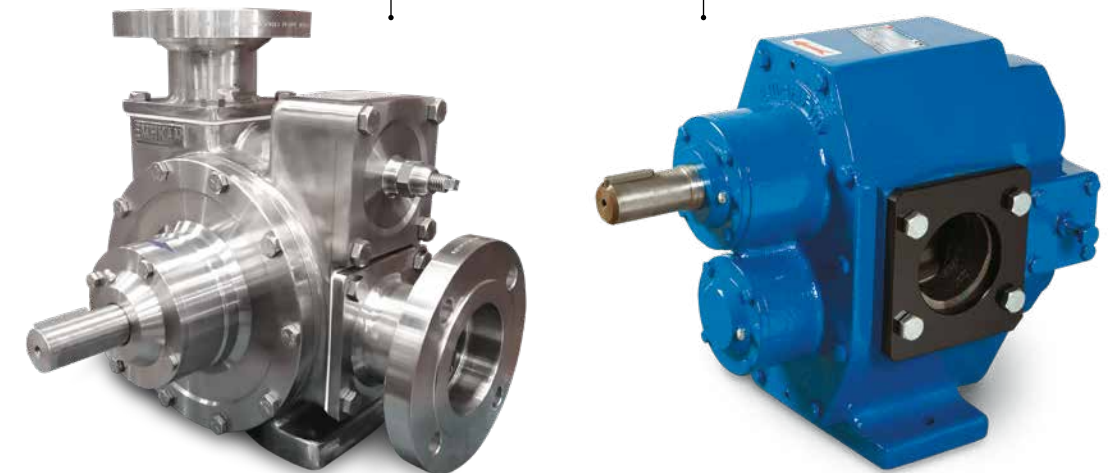


## Transportation

EMHKAM PUMPS product lines serve transshipment, refined fuel, and urea applications. The range of products provides solutions for loading, unloading and transporting the clearest liquids with low or high viscosity.

## Pump Units

As a result of producing a wide range of pumping equipment, at EMHKAM PUMPS, we provide plug- and-play pump unit solutions for most clean liquids pumping. Depending on the application, we choose the type of pump, power supply, drive, base, control, shaft couplings, piping connections, strainers and measurement equipment. Using our production equipment, such as Sliding Vane Pumps, Gear Pumps and Hose Reels, we can produce Pump Unit assemblies with many options, making pumping operation easy and efficient.



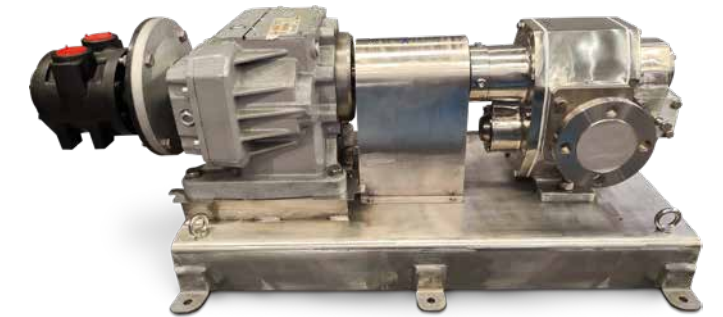
## Pump Units with Sliding Vane Pumps

Sliding Vane pumps series are installed on pump units, creating pumping solutions for fuel and chemical applications. GMD, SAC, SLD and GSL series are combined with many pumping equipment options providing a variety of setups.



## Pump Units with Gear Pumps

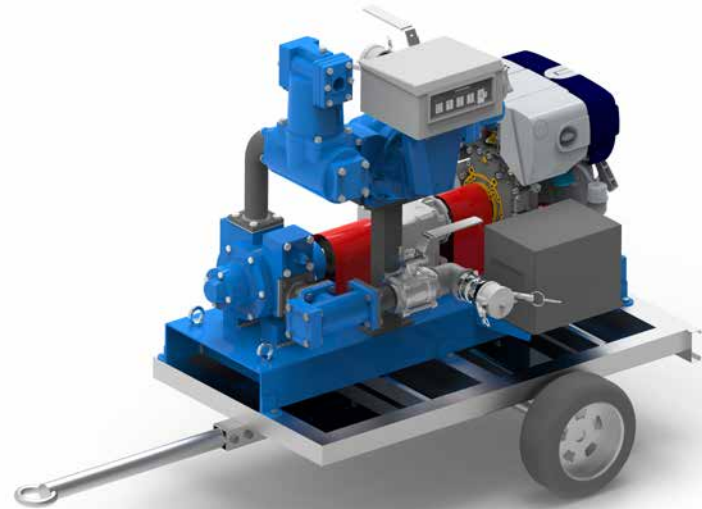
Gear pump series are installed on pump units, providing pumping solutions for viscous and thin liquids applications. RS, SE, XT(S) AND FX series are combined with many pumping equipment options providing a variety of setups.



	Options
Power supply	Electric motors Diesel/gasoline engines Pneumatic motors Hydraulic motors
Drives	Gear reducers Belt & pulleys
Bases	Bended base Frame base
Controls	Control panels Variable frequency converters Inverters PLC & Automation
Shaft couplings	Jaw couplings Spacer couplings HRC elastic couplings Gear couplings
Connection	Camlock couplings ANSI/ASME adaptors NPT flanges Weld flanges Pipe valves & fittings
Measurement equipment	Rotary vane flow meters Piston flow meters Air & Vapor eliminators Electronic/mechanical registration Pulse transmitters Pressure gauges
Strainers	T-type strainers Filtration vessels
Paint systems	Special paint systems Marine painting

### 3D Modeling Services

EMHKAM PUMPS engineering team create 3D modelling drawings, providing all engineering details required for a reliable and durable state-of-the-art result while operating during the application.



### Custom Services for Pump Units

If our standard pump units do not meet your application needs, our group of engineers, designers and product specialists will work with you to produce a customised pump unit for your system. With robust customization capabilities, we can provide 3D modelling services, flexible solutions and products that fit the application requirements.



### Testing and Certification

All EMHKAM PUMPS pump units are tested in our state-of-the-art Test Rig. Our engineers built a pump unit according to the requirements, choosing the correct type and size of the pump, power supply, drive, base, and measurement equipment.

<b>EN 10204</b> Inspection certificate type 3.1		<b>NPSH Test</b>	
<b>Flow Test</b> with Test Report		<b>Relief Valve Testing</b>	
<b>Hydrostatic Test</b> with Test Report		<b>Pressurized Leak Tests</b>	
<b>PMI</b> (Positive Material Identification)		<b>General Arrangement</b> (GA)/CAD Drawings	
<b>In-Plant Inspection</b>			





Industrial area of Thessaloniki, 57022, Sindos, Thessaloniki, Greece,  
T: +30 2310 797 833, E: [emikam@emikam.gr](mailto:emikam@emikam.gr), W: [www.emikam.com](http://www.emikam.com)