

# VPP

## SLIDING VANE PUMP

### Fuel & oil transfer for tank trucks

**Orientation:** Parallel

**Ideal for:** Fuel and oil tank trucks requiring high flow and low weight.

The VPP is a high-performance sliding vane pump designed for the transfer, loading, and unloading of fuel and chemical products. Its constant-flow design, fully self-priming capability, and strong suction performance ensure smooth, reliable operation even in harsh environments.

#### Technical Highlights

Parallel ports sliding vane design for compact installation

Constant-flow sliding vane design

Fully self-priming

ATEX certified

Clockwise or counterclockwise rotation

Low maintenance thanks to self-lubricating components

Integrated mechanical or pneumatic bypass valve

Robust construction for harsh operating conditions

Easy maintenance (no special tooling required)

Quiet operation

#### Four Main Strengths

High flow rate combined with low weight

Maintenance-free self-lubricating carbon bushings

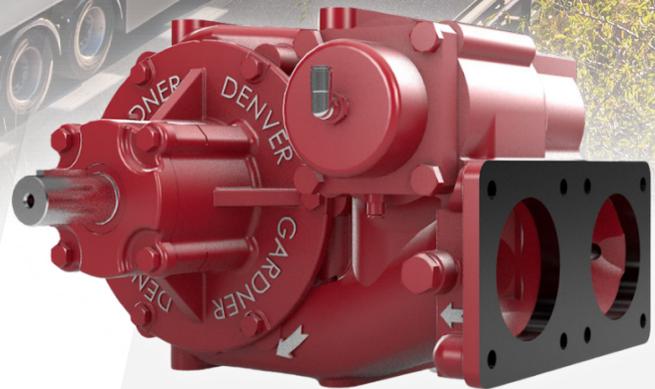
Compatible with multiple fluid types

One mechanical shaft seal for easy maintenance

### Applications:

**Tank trucks, trailers and skids with:**

- Diesel
- Gasoline
- Kerosene
- Ethanol
- Methanol
- Petrol
- Oil



## TRANSPORT SOLUTIONS

Performance	VPP30
Flow rate	Up to 1050 l/min
Maximum rotation speed:	1100 rpm
Differential pressure:	0 / 10 barg
Maximum working pressure:	12 barg
Nominal suction pressure:	-0.45 / 3 barg*
Dynamic viscosity:	0/5000 cSt*
Fluid Temperature:	-20°C/+70 °C
Connections:	3" welding flange
Body material:	Cast iron
Rotor/vanes material:	Steel & composite
Standards and directives:	ATEX

\*depending rotation speed

Shaft seal:	Single mechanical seal
Material static seals:	Viton (FKM)
Material mechanical seals:	Stainless steel / carbon / silicium / viton
Direction of rotation:	Left or right
Pump dimensions (lxwxh):	354x333x233
Drive:	P.T.O., hydraulic, electric or diesel / petrol engine
Weight:	50 kg
Other options:	Mechanical or pneumatic bypass valve, hydraulic trunk w/o hydraulic motor, filter, PTO flange, Bolt & Go package

## Overall dimensions:

