

Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.

High Flow Rate Modular Mobile Fuel Dispensing Unit — Flexible Pump & Metering Assembly

YB-XX Series of Rotary Sliding Vane Pumps have revolutionized the pumping industry with their unique sliding vane technology. This revolutionary rotary vane design allows the pumps to self-adjust for wear to help maintain flow rates. This sliding vane pump design creates excellent self-priming and dry-run capabilities, while also providing sustained performance and trouble-free operation.



Application:

YB-65 Stainless Steel Type

Suitable for the transferring, storing, or dispensing gasoline, diesel, Kerosene, or other refined fuels, even the viscosity products; Fuel oil delivery, Fleet refueling, Aviation refuelers, Transport of Petrol Chemicals, Home Heating Oil, Gasoline – Solvents, Diesel Fuel – and many more, Biofuels etc.

Technical Specification:

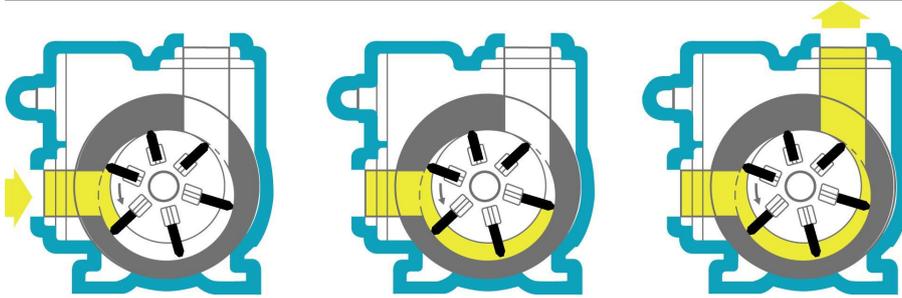
Model	YB-50	YB-65	YB-80	YB-100
Size	50mm/2"	65mm / 2 1/2"	80mm/ 3"	100mm/ 4"
Pump Speed	400~640RPM	400~640RPM	400~640RPM	500RPM
Flow Rate	150~300L/Min	300~500L/Min	600~1000L/Min	1500~1900L/Min
Vacuum	0.5Bar			
Working Pressure	5Bar			
Motor Power	2.2KW/3HP	4KW/5HP	7.5KW/10HP	18.5KW/25HP
Dimension	44×35×35cm	46×34×37cm	49×42×42cm	58×55×61cm
Net Weight	31KG	40KG	68KG	160KG
Gross Weight	34KG	47KG	74KG	178KG
Package	1pc/Wooden Case			

Features:

- Wide range of sizes from 2" to 4" of nominal diameter and flow range is from 150lpm to 1900lpm
- Unique sliding vane pump design self-adjusts for wear to maintain flow rates
- Excellent at self-priming, eliminates expensive priming systems
- Extended dry-run capability, eliminates nuisance current monitoring systems
- Sliding vane design provides sustained performance and trouble-free operation
- Easy maintenance: vanes can be easily replaced without removing the pump from the piping system
- High suction lift abilities and line-stripping capabilities to completely empty tanks, and piping of fluid
- Low maintenance and low life-cycle costs, pumps are renewable and repairable
- Solids handling, provided by large displacement and slow internal velocities
- Thin to thick fluid viscosity flexibility, eliminates expensive heating systems
- Highly efficient, sliding vane pumps require less horsepower than other pumps, meaning spending less on motors initially and less on electricity to power the pump

Construction and installation methods:

HB Equipment shall be used in compliance with applicable country, province and local laws and regulations. Products selection shall be based on physical specifications and limitations and compatibility with the environment.



The design of this structure has the following characteristics:

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YB-50-B Pump with belt motor drive



YB-50-C Pump with shaft coupling motor drive

When connecting the pump head to our motor, different connection methods can be employed, or it can be assembled into a mobile metering dispensing assembly according to user requirements as follows:



MDF-50 Mobile Fuel Unit

MFD-XX series mobile fuel unit is combined with following equipments:

1. YB-50 or YB-80 Pump with shaft coupling motor drive
2. M-50C or M-50C PD Flow Meter with Mechanical Register
3. A Customizable trailer
4. A pump control cabinet
5. With or without hose reel for option

Note: Please confirm the detailed requirements of the mobile fuel unit with our technical personnel before placing an order, and inform us of the medium that this equipment will be used for, the operating pressure, working temperature, and any other necessary conditions, so that we can provide products that meet all requirements accordingly.