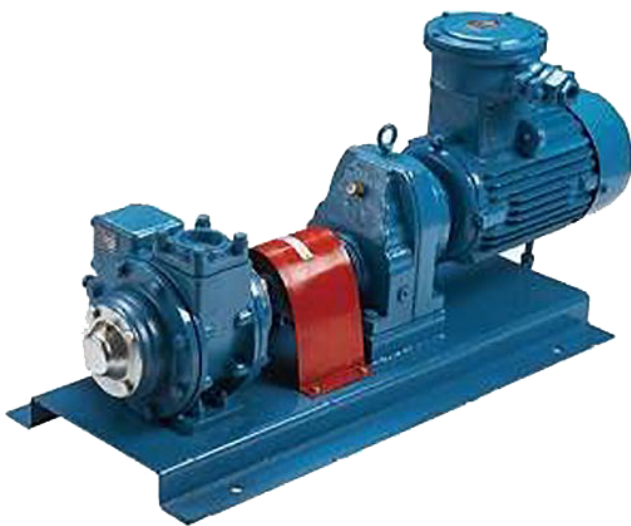


# CATALOG

# VANE PUMP



# VANE PUMP

## YB SERIES ROTARY VANE PUMP

YB Series Self priming rotary vane pump with internal by-pass valve. The pumps use a rotor with sliding vanes to draw the liquid. The material of construction is nodular iron with sliding vanes built in a special self lubricating material. Due to its efficiency the pumps can handle viscous and also volatile liquids and require less horsepower than other equivalent pumps. The pumps are capable of higher flow-rates at lower number of revolutions than other designs.

### APPLICATION

- Durable pumps for fast and quiet operation.
- Sliding vane design provides sustained performance and trouble free operation, high reliability.
- Adjustable relief valve protects pump from excessive pressure.



### VA/YE PUMP YB50/YB65/YB80

Model	Pump size	Flow rate	Speed	Pressure	Dimension	Weight	Package
YB-50	2"	150-300LPM	400-640 RPM	5Bar	44x35x35cm	34/31kgs	1pc/Wooden Case
YB-65	2.5"	300- 500LPM	400-640RPM	5Bar	46x34x37cm	47/40kgs	1pc/Wooden Case
YB-80	3"	600-1000LPM	400-640RPM	5Bar	49x42x42cm	74/68kgs	1pc/Wooden Case
YB-100	4"	1500-1900LPM	500RPM	5Bar	58x55x61cm	178/160kgs	1pc/Wooden Case



### VA/YE PUMP YA50/YA65/YA80

Model	Pump size	Flow rate	Flow rate	Flow rate	Flow rate	Flow rate	Flow rate
		650RPM	600RPM	550RPM	500RPM	450RPM	400RPM
		G/M(L/M)	G/M(L/M)	G/M(L/M)	G/M(L/M)	G/M(L/M)	G/M(L/M)
YA-50	2"	80(300)	72(270)	64(240)	56(210)	48(180)	40(150)
YA-65	2.5"	132(500)	123(465)	114(430)	103(390)	93(350)	82(310)
YA-80	3"	265(1000)	243(920)	222(840)	200(760)	180(680)	160(600)
YA-100	4"	--	--	--	505(1900)	--	405(1530)



### VANE PUMP WITH V-BEIT DRIVE

Model	Pump size	Flow rate	Power	Dimension	Weight	Package
YA-50A	2"	150-300LPM	2.2KW	76x51x55cm	118/86kgs	1pc/Wooden Case
YA-65A	2.5"	300- 500LPM	4KW	76x54x 56cm	146/126kgs	1pc/Wooden Case
YA-80A	3"	600-1000LPM	7.5KW	125x46x79cm	266/238kgs	1pc/Wooden Case
YA-100A	4"	1500-1900LPM	18.5KW	125 x49x81cm	294/278kgs	1pc/Wooden Case



### VANE PUMP WITH COUPLING DRIVE

Model	Pump size	Flow rate	Power	Dimension	Weight	Package
YA-50B	2"	150-300LPM	2.2KW	76x51x55cm	118/86kgs	1pc/Wooden Case
YA-65B	2.5"	300- 500LPM	4KW	76x54x 56cm	146/126kgs	1pc/Wooden Case
YA-80B	3"	600-1000LPM	7.5KW	125x46x79cm	266/238kgs	1pc/Wooden Case
YA-100B	4"	1500-1900LPM	18.5KW	125 x49x81cm	294/278kgs	1pc/Wooden Case

# VANE PUMP



## Application:

Fuel oil delivery truck, Fleet refueling, Lrbe oil, Aviation refuelers, Transport of Petro Chemicals, gasoline, biofuels, solvents and many more.

## Installation:

The pumps are widely used on mobile applications or fixe installations. With cardan shafts or hydraulic motor the pumps can be installed on any kind of tank truck or they are coupled to electric or diesel engine on metal bases to be used either on terminals,heavy duty dispensers, pumping/ metering skids, mobile transfer units. Equipped with Teflon seals the pumps can also be used on a wide variety of solvents in the petrochemical industry.

## PUMP-YC-65

Pump Model	Rated Pump Speed	HP	KW	WEIGHT	PACKING
YC-65 3"	640 RPM	5.0	4	40KG	44X33X39CM

## SUB SERIES VANE PUMP

SUB-Series pump is positive displacement vane pump, applied to transfer gasoline, kerosene , diesel and other light oil, used to load & unload in stock terminal, also on oil tank trucks and mobile fuel unit.

### Advantages:

- An excellent self-pr ming performance, vacuum up 0.06MPa, instead of vacuum pump to clean the tank in vessel, truck, etc.
- To transport gas liquid two- phase, up to 50%, completely solve air lock, cavitation. Sliding vane design provides sustained performance and trouble free operation, high reliability.
- Adjustable reliefvalve protects pump from excessive pressure.



YPUMP-SUB40



YPUMP-SUB80

## TECHNICAL SPECIFICATION:

Model	SUB-40	SUB-50	SUB-80
Inlet&outlet Size	1.5"	2"	3"
Flow Rate	180L/min	250L/min	500L/min
Vacumm	0.06MPa	0.06MPa	0.06MPa
Speed	1400RPM	1400RPM	960RPM
KW	1.5KW	1.5KW	7.5KW
Pressure	6Bar	6Bar	6Bar
Package	36x32x32cm	40x33x33cm	49x42 x42cm
	25/20kgs	35/30kgs	49/40kgs

## VCB Internal Gear Pump

### Advantages:

- The simple and compact construction, only two moving parts and one shaft seal, makesit a low-cost pump
- Reliable and easy to maintain
- Adjustable end clearance, for low or high viscosities, high temperatures, or tocompensate for wear over time
- Pumping in castiron, for a wide range of viscous, clean, non- corrosive liquidsshaf seal options, Including mechanical seals, packing seals



Model	VCB-50	VCB-80	VCB-100
Size	DN50	DN80	DN100
Pump Speed Max	780RBM	640RBM	520RBM
Flow Rate	300L/min	550L/min	1100L/min
Vacuum Working	0.03Bar	0.03Bar	0.03Bar
Pressure	15Bar	15Bar	15Bar