

Rovatti PTO

P
U
M
P
S





General Information

KID's Rovatti centrifugal pumps are connected to the tractor by a universal joint and mounted on a heavy duty trolley or 3 point hitch. These pumps are the result of many years experience which has made them nearly trouble free and trustworthy to a maximum.

They are constructed of high quality cast iron with an overgear gearbox which is oil lubricated and a unique water circulation cooling. The construction permits very long life of the mechanical parts even when operating for long periods of time in critical environmental conditions.

A KID Rovatti pump will provide you with many years of trouble free pumping.

"KID POWER" Priming System

A unique feature of the KID Rovatti pumps is the "KID POWER" priming system. This is a NEW and exciting feature of our line of pumps.

After years of selling PTO pumps with hand primers our customers demanded something simpler, easier, more foolproof, and more forgiving to prime their pumps with. The "KID POWER" priming system eliminates the manual labor involved in getting your pump primed.

If you have ever labored down by the river trying to hand prime your irrigation pump in 100 plus degree temperatures you will love our new system. Try one and you will be challenged to go back to the old methods of priming a pump.



Figure 1



Figure 2



Figure 3

Running the "KID POWER" Primer

- 1) Engage the PTO
- 2) Close the gate valve (Figure 1)
- 3) Open the ball valve on the priming line (Figure 2)
- 4) Lift handle on power primer (Figure 3)
- 5) When water reaches the pump the fluid will appear in the priming line.
- 6) Release the power primer handle (Figure 3)
- 7) Close the ball valve (Figure 2)
- 8) Open the gate valve slowly and the pump will start to pump water into your open line.

You have just successfully primed your pump with very little effort or problem!

Optional Accessories





Hand Primer Pumps

All KID Rovatti pumps are also available with hand primer type priming systems. These pumps are available in the following configurations.

Bare Pump: Pump with weld-on flanges and bolts

Build #1: Pump with weld-on flanges, KID pump cart, and drive shaft

Build #2: Pump with weld-on flanges, KID pump cart, drive shaft, hand primer, discharge priming valve, threaded fittings on suction and discharge

KID Pump Cart

At KID we wanted a very solid base for our PTO pumps so we designed a cart which is as much as 30% heavier and with wide tires with taper roller bearings for long life and minimum maintenance. The design of this cart helps to stabilize the pumps during operation. KID carts are available for purchase separately.

Optional Accessories

KID or your dealer has available, all options and accessories to outfit your pump for your needs. Shown at the bottom of this brochure are some of the fittings which are available.

Should you have special needs or considerations feel free to consult with a KID dealer to get the best efficiency and most productive pump unit you can purchase.

Pump Performance Chart

Model	GPM	53	79	105	120	130	160	185	240	235	265	330	400	470	525	660	800	1056
T1-40	PSI	150	148	145	142	140												
	HP	13	15	18	19	20												
T2-50	PSI			150	150	148	148	147	145	143	140	125						
	HP			24	25	26	28	30	32	33	35	39						
T3-80A	PSI						175	175	175	175	175	170	170	165				
	HP						39	40	42	45	46	53	60	65				
T3-100A	PSI										112	110	108	107	103	95	80	
	HP										33	36	40	43	45	50	55	
T4-100	PSI										180	180	178	176	174	165	140	
	HP										61	65	70	75	80	90	96	
T4-125	PSI														125	124	122	110
	HP														65	72	79	90



Solid boxes are pumps with 540 PTO only



Slanted boxes are pumps with 540 or 1000 PTO

*Pump performance is approximate and does not take into consideration variations in pumping elevations, atmospheric conditions or friction losses in the system being pumped into.

**Other pumps are available on special request which will provide more volume or more pressure than those listed here. Please inquire with your dealer or with a KID representative.



Direct couple ROVATTI Pumps for small jobs that take big job performance.

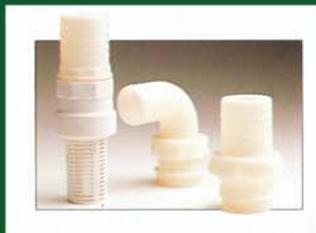


Rovatti T0F50 pumps are an extremely easy, portable, user friendly pump which can be directly attached to the PTO of most any 540 RPM tractor. Whether to fill ponds, sprinkler irrigate, wash down, transfer or tank filling, the T0F50 provides the solution inexpensively. The pumps provide up to 150 GPM and pressure as high as 75 PSI. The units come standard with a foot valve, suction and discharge fitting. These units are available in either standard centrifugal or self priming models.

Tractor Bar for mounting Included



Accessory Kit Included



T0F-50



T0F-50A



MODEL	GPM	20	40	60	80	100	120	150
T0F-50	PSI	75	75	74	73	72	71	64
T0F-50A	PSI	54	53	51	49	46	41	

**Pump performance is approximate and does not take into consideration variations in pumping elevations, atmospheric conditions or friction losses in the system being pumped into



15250 Sunshine Rd Yukon, OK 73099
 Phone: (405) 354-6925
 Fax: (405) 354-5529

For Sales & Service call:

