



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 HP	150 13	148 15	145 18	142 19	140 20												
T2-50	PSI HP			150 24	150 25	148 26	148 28	147 30	145 32	143 33	140 35	125 39						
T3-80A	PSI HP						175 39	175 40	175 42	175 45	175 46	170 53	170 60	165 65				
T3-100A	PSI HP										112 33	110 36	108 40	107 43	103 45	95 50	80 55	
T4-100	PSI HP										180 61	180 65	178 70	176 75	174 80	165 90	140 96	
T4-125	PSI HP														125 65	124 72	122 79	110 90

SOLID BOXES ARE PUMPS WITH 540 PTO ONLY

RED BOXES ARE PUMPS WITH 540 PTO 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 upon special request which will provide more volume and more pressure than those listed here. Please inquire with your dealer or with a KID Representative.

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Optional Accessories

KID or your dealer has available, all options and accessories to outfit your pump for your needs. Shown on the right of the page are some of the fitting options that are available.

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



Clear/Grey Helix Reinforced Suction Hose



Premium Foot Valves



Premium Aluminum Screens



Spiral Hose Clamps (For Suction Hose)



Hand Primer



Brass Check Valve



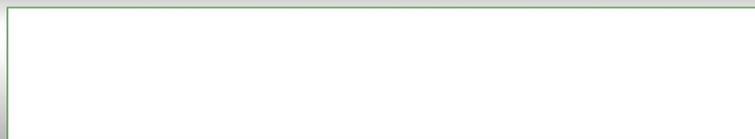
3X4 Discharge Priming Valve



Brass Gate Valve



15250 W. Sunshine Road
 Yukon, Oklahoma 73099
 Phone: (405) 354-6925
 Fax: (405) 354-5529



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PTO PUMPS



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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.



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 makes the product 30% heavier, with wide tires, and taper roller bearings for long life and minimum maintenance. The design for this cart helps to stabilize the pumps during operation. KID carts are available for purchase separately.



SAE Engine Drive Pump

Slurry PTO Pump



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.



Figure 1



Figure 2



Figure 3

"KID POWER" Priming System

A unique feature of the KID Rovatti pump 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. 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.

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