

Tractor Slurry Pumps



The 'TL' Series use a high efficiency open impeller with replaceable wear plate making these pumps versatile and suitable for pumping animal waste with fibers in suspension requiring high operating pressures used in irrigation.

These pumps can be fitted with chopper cone equipment with rotating knives suitable for pulverizing solids, they are ideal to pump slurry with fibers in suspension such as straw and leaves and are capable of handling virtually any waste products that require chopping. Thanks to the oil bath overgear and various transmission ratios available, these pumps can be coupled to a tractor p.t.o. from 540 and 1000 RPM.

Rovatti TL Series Performances

Suction X Discharge	RPM / Ratio	Pump Model (Chopper)	Impeller	Capacity (G.P.M.)																		
				158	211	237	264	317	343	369	422	449	475	502	528	581	634	686	739	792		
80 X 65	545 / 6.43 886 / 3.95	TL2-85GA (TCK 85)	G PSI	84	83	82	81	79	75	71	68	66										
			HP	19	21	22	23	25	27	29	30	31										
			F PSI	93	92	91	90	88	84	80	78	75										
			HP	22	24	26	27	29	31	33	34	35										
	547 / 5.85 896 / 3.57	TL3-80GA (TCK 80)	E PSI	102	101	100	99	96	93	89	87	85										
			HP	25	27	29	30	32	35	37	38	39										
			H PSI	132	131	130	129	127	124	120	117	112	104									
			HP	32	34	35	37	40	43	46	47	48	51									
			G PSI	143	142	141	140	139	136	132	129	125	119	110								
			HP	35	38	39	41	44	47	51	52	54	56	58								
			F PSI	155	153	153	152	150	147	143	141	139	134	127								
			HP	40	42	43	45	49	52	56	58	60	61	63								
100 X 80	545 / 5.85 896 / 3.57	TL3-110GA (TCK 110)	E PSI	166	165	165	163	162	159	155	153	150	147	141								
			HP	44	46	48	49	53	57	61	63	65	67	69								
			G PSI				95	94	92	91	90	88	87	86	83	80	74	66				
			HP				32	34	36	38	39	40	41	42	43	45	46	47				
				F PSI				104	103	101	100	99	98	96	95	92	89	83	77	67		
				HP				37	39	41	43	44	45	46	47	49	50	52	53	54		
				E PSI				113	112	111	109	108	107	106	104	102	99	95	89	80		
				HP				41	43	45	47	48	50	51	52	54	56	58	59	60		
			G PSI				149	147	145	143	142	140	139	137	133	128	123	117				
			HP				49	52	55	59	60	62	63	65	67	70	72	74				
			F PSI				166	165	163	160	160	159	156	155	150	146	141	136	128			
			HP				57	59	62	66	67	69	71	73	75	78	81	83	86			
			E PSI				186	183	182	180	179	177	176	175	170	166	160	155	149			
			HP				65	69	73	77	79	81	83	85	89	92	95	98	101	103		

Thanks to the forked splined nut and stud bolts, the installation of the chopper cone is quite simple. The construction materials, shape of the sharp knives and the perfect hydraulic design of the chopper cone ensure the pump functions without losses of capacity, cavitation noise and with low power absorption



Chopper Cone

Model	Item Number
TCK 80	ABI TCK80
TCK 85	ABI TCK85
TCK 100	ABI TCK100
TCK 101	ABI TCK101
TCK 110	ABI TCK110

For use with TL and SL series pumps.