

KTZ

3 PHASE

- Mines & quarries
- Construction
- Hire fleets
- Tunnelling
- Industry
- Processing



The **KTZ** series are heavy-duty drainage pumps that provide exceptional wear resistance to maximise performance and minimise maintenance during operation in the worst possible conditions. The design features a pump casing and a motor frame in cast iron and an open impeller in chromium iron. The heavy duty motor is fitted with internal overloads, enabling simple installation and direct connection to the power supply. The 420 stainless steel shaft is fitted with an ultra hardwearing, silicon carbide, double mechanical seal (in an oil chamber), and an oil lifter for positive seal lubrication in any position. This feature, combined with the water and air cooling channel to the top outlet, allows the pump to operate for extended periods with little or no water. Maintenance is straightforward, with simple replacement of wearing parts without the need for a workshop or even special tools. Owners will also benefit from being able to alter the head and capacity of the pump by simply changing the impeller and suction cover, avoiding the need to buy another complete pump if the application changes.

A new feature on all models of **KTZ** is a dual position outlet port, to enable the user to position the outlet hose in the required direction which may be horizontal or vertical and hence avoid kinking of layflat discharge hose. Models 0.75kw to 5.5Kw are supplied with a threaded outlet and a hose connector.

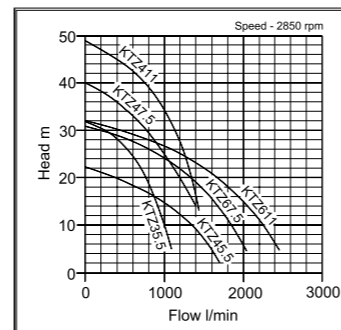
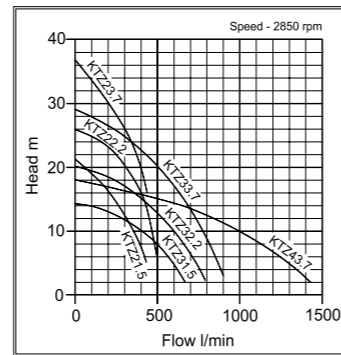
All models are supplied with 20 metres of heavy duty rubber power cable, although IDS (individually screened cable) is available on most models, at an extra cost, for quarry and mining applications. Sacrificial anodes are also available (price on request).



KTZ23.7



KTZ47.5



item code	model	Manual or Auto	outlet (BSPM & mm)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	dry weight (kgs)
10-10-1052	KTZ21.5	M	2" & 50	1.5	400	425	21	8.5	216x235x478	35
10-10-1006	KTZ31.5	M	3" & 80	1.5	400	670	14	8.5	216x235x478	35
10-10-1136	KTZ22.2	M	2" & 50	2.2	400	500	26	8.5	216x235x498	36
10-10-1192	KTZ32.2	M	3" & 80	2.2	400	800	20	8.5	216x235x498	35
10-10-1162	KTZ23.7	M	2" & 50	3.7	400	440	37	8.5	252x283x637	62
10-10-1253	KTZ33.7	M	3" & 80	3.7	400	900	29	8.5	252x283x637	62
10-10-1238	KTZ43.7	M	4" & 100	3.7	400	1430	18	8.5	252x283x637	62
10-10-1093	KTZ35.5	M	3" & 80	5.5	400	1100	32	10	259x306x688	76
10-10-1097	KTZ45.5	M	4" & 100	5.5	400	1700	22	10	259x306x688	77
10-10-1026	KTZ47.5	M	4"	7.5	400	1400	40	12	314x330x687	100
10-10-1007	KTZ67.5	M	6"	7.5	400	2040	31	20	314x330x687	99
10-10-1065	KTZ411	M	4"	11	400	1450	49	12	350x373x740	130
10-10-1149	KTZ611	M	6"	11	400	2440	32	20	350x373x740	131



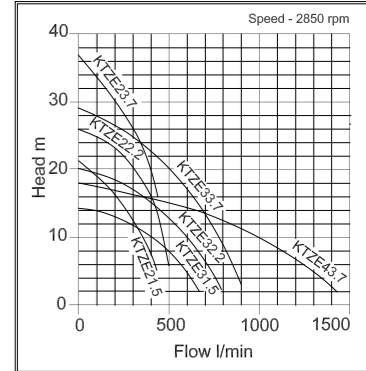
KTZE

3 PHASE AUTO

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The **KTZE** pumps offer an automatic option to the **KTZ** series, without the need for external control panels and cumbersome float switches. A sensor probe is mounted in a durable, moulded rubber bracket and, for added protection, it is positioned within the footprint of the pump base. Once the water level reaches the probe, the pump will start and continue to operate for one minute after the water falls below it. However, if the water touches the probe within this time, the "stop" signal is cancelled and the pump continues to run until the water is cleared. To enable a lower "on level" (by a further 90mm), the sensor probe can be lengthened by fitting the electrode extender (part no: 090-126-15), which is an optional extra. The **KTZE** design also includes a dual position outlet port, to enable the user to position the outlet hose in the required direction which may be horizontal or vertical and hence avoid kinking of layflat discharge hose.

All models are supplied with 20 metres of heavy duty rubber power cable, although IDS (individually screened cable) is available on most models, at an extra cost, for quarry and mining applications. Models are supplied with a threaded outlet and a hose connector.



KTZE31.5

item code	model	Manual or Auto	outlet (BSPM & mm)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	on level (mm)	off level (mm)	dry weight (kgs)
10-10-1068	KTZE21.5	A	2" & 50	1.5	400	425	21	8.5	216x235x609	345	120	40
10-10-1010	KTZE31.5	A	3" & 80	1.5	400	670	14	8.5	216x235x609	345	120	39
10-10-1109	KTZE22.2	A	2" & 50	2.2	400	500	26	8.5	216x235x629	355	120	42
10-10-1226	KTZE32.2	A	3" & 80	2.2	400	800	20	8.5	216x235x629	355	120	41
10-10-1119	KTZE23.7	A	2" & 50	3.7	400	440	37	8.5	252x283x747	435	150	71
10-10-1122	KTZE33.7	A	3" & 80	3.7	400	900	29	8.5	252x283x757	435	150	71
10-10-1101	KTZE43.7	A	4" & 100	3.7	400	1430	18	8.5	252x283x767	435	150	71
090-126-15	Electrode extender											