



**EUROTEK**

TITAN  
Cooler/Classifier



# General

The TITAN range of cooler classifiers have been designed specifically to meet the exacting demands of the foundry environment.

Reliability and simplicity of operation ensure trouble free performance in all applications.

# Features

- Non clogging sparge fluidising pipes, an advantage when operating in a dusty environment
- Consistent outlet temperature in relation to the inlet water temperature
- Integral inlet hopper for trapping agglomerates, metal flash and tramp, in the event of screen failures
- Sand cooling and heating can be arranged in one unit to enable consistent sand temperature all year round
- Total access for maintenance
- Cooling of Silica sand from 300 degrees centigrade to within 10 degrees centigrade of the inlet water temperature
- Total utilisation of cooling pipe surface area by means of a baffle and weir system
- High level probe prior to sand discharge to prevent cooler classifier from being overfilled
- Air damper controls to maintain correct fluidisation
- Dust extraction take off point fitted
- TITAN range of coolers can, when sand inlet temperatures are low, be up-rated regarding throughput, e.g T£ is designed for 3 tonnes per hour but could be used at 5 tonnes per hour, if the inlet sand temperature was only 125 degrees centigrade
- Non standard supports can be designed to suit installation
- Integral surge hopper for filling sand transporters
- Full access for cleaning out via front and side removable doors

# Standard cooler specification

MODEL	NOMINAL CAPACITY T.P.H	TEMP 250- 30 deg C  I GPM	TEMP 250- 30 deg C  L/M	TEMP 150- 30 deg C  I GPM	TEMP 150- 30 deg C  L/M	EXTRACTION  CFM	EXTRACTION  M3/HR	FLUID FAN  CFM	FLUID FAN  M3/HR
T1	1	----	----	11	50	500	850	300	500
T2	3	----	----	33	150	840	1500	500	850
T3	3	58	264	33	150	1250	2150	750	1300
T6	6	116	527	66	300	2300	4000	1500	2600
T9	9	174	792	99	450	3400	5800	2250	3900
T12	12	232	1056	132	600	4500	7700	3000	5100
T15	15	290	1320	165	750	5500	9400	3750	6500
T18	18	348	1584	198	900	6625	11400	4500	7700

We reserve the right to alter specifications and design subject to future modifications and development

# Previous coolers

