



EUROTEK

TROJAN
Compact
Reclamation
Systems



General and features

The TROJAN compact range of reclamation systems have been designed for those applications where space is a issue. The units are designed to be shipped on a common steelwork to minimise installation time.

- Robust construction
- Fully assembled for ease of installation
- Minimal floor space requirement
- Simple foundations (if any)
- Integral classifier
- Economic pneumatic conveying
- Integral control panel with sequential starting
- Low maintenance
- Low level loading

Specifications

	COMPACT 1	COMPACT 3
NOMINAL OUTPUT (SEE OUTPUT NOTE)	1 TONNE PER HOUR	3 TONNES PER HOUR
DECK SIZE (mm)	900 X 550	1200 X 1200
MAXMUM DECK LOAD	250-500 KGS	500 – 750 KGS
OVERALL LENGTH (mm) SUBJECT TO EXTRACTOR	4520	6740
OVERALL WIDTH (mm) SUBJECT TO EXTRACTOR	1350	1350

Specification (continued)

- **Screens** > Primary – Heavy duty perforated steel plate (6mm aperture)
> Secondary – Stainless steel wedge wire (1.5mm aperture)
> Elevated screen – High tensile stainless steel interwoven mesh
- **Liner plates** – Fitted to high wear areas of the body shell
- **Clean out door** – For the removal of large metallics and non – degradable material, a removable door is situated at the rear of the unit. Periodic removal is required to maintain throughput and reduce wear. Fine metallics and sand agglomerates, are discharged continuously , via the tertiary screen situated in the elevator outlet.
- **Classification / cooling** – Classification is achieved by using a fluid bed powered by a high pressure single stage fan. Where cooling is required, an integral heat exchanger is incorporated in the fluid bed with the appropriate water cooling system. (See TITAN cooler classifier leaflet)
- **Electrical control panel** – Sequential starting of all the components and automatic cleaning of dust extraction equipment.
- **Output** – The outputs quoted are nominal, based upon experience of use, but are dependent upon various factors eg type/percentage of Binder, sand/metal ratio, moulding technique and type of metal cast.

Previous Compact reclamations

