



TROJAN
Sand
Reclamation



General and features

The TROJAN ED range of vibratory attrition units are designed for those applications where some form of mechanical loading is available (Shakeout decks can also be fitted for moderate loading). Used in conjunction with our TITAN cooler/classifier and PULSOR pneumatic conveyors, a robust compact sand reclamation is achieved.

- Robust construction
- Efficient “tramp” metal removal
- Elevated discharge to minimise pitwork
- Integral classification if required
- Good holding capacity
- Low maintenance
- Replaceable liner plates
- Easily replaceable screens

Specifications

	ED5	ED10	ED15
NOMINAL OUTPUT (SEE OUTPUT NOTE)	3-5 TONNES PER HOUR	6-10 TONNES PER HOUR	11-15 TONNES PER HOUR
HOLDING CAPACITY	1000 KGS	1500 KGS	2200 KGS
NUMBER OF VIBRATORY MOTORS	ONE	ONE	ONE

Specification (continued)

- Screens** > Primary – Heavy duty laser cut slotted steel plate
> 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 elevated screen situated at the 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 ED type sand reclamation

