



# CDE

“Committed to engineering excellence”

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## Mobile Sewage Classification Unit

### Main Benefits:

- Fully turn-key Mobile Sewage Classification Unit
- Produces two dry products simultaneously - Rag and Grit
- Disposal costs are greatly reduced
- Access steps & walkways to all items
- Generator fitted to power plant; no need for an outside power source
- Bauer connection pipe-work used on all interfacing
- Designed to transport lower than 3.8m from the ground
- Emergency stops fitted throughout unit



### Step Framed Trailer

- Lights fitted in trailer so operation can continue in poor natural light conditions
- Steps up to trailer fitted for easy access
- Designed for transport lower than 3.8m from the ground

### DSP Bs-40,100 Dual Product Plant

- Rubber-lined heavy-duty Warman 6/4 sand slurry pump
- Hot vulcanised rubber-lined 400mm cyclone c/w overflow discharge chamber
- Split screen modifications on de-watering screen; Dual product de-watering and production
- Dewatering screen c/w Tema-Isenmann modular polyurethane panels – non bolted
- Tema-Isenmann polyurethane replaceable side linings on dewatering screen
- Spraybars fitted on both sides of de-watering screen; spraybars can be individually controlled
- Includes 2 no. 3.6kW adjustable offset vibrating motors
- Inclination of screen tri-point adjustable
- Splash cover mounted over rear of dewatering screen
- Tema-Isenmann polyurethane dam bar at front of dewatering screen
- Rubber lined feed box for discharging washed sand evenly over area of screen
- High-efficiency 'Marsh Mallow' rubber screen mounts
- Mild steel sump c/w quick release drain flap
- Hot vulcanised rubber-lined pipe-work and Sigma Semperit flexible hose between pump and cyclone
- Galvanised walkways, handrails, toe-plates and access stairs
- Rubber lined front discharge launder
- Automatic stainless steel level control in sump c/w recycle pipe and valve
- Polyurethane pump protection panel in sump
- All necessary guards and protection
- Chute on classification unit is foldable in order to allow for easier transport

### Catchment sump

- Mild steel sand slurry sump
- Automatic sump level controls (stainless steel)
- Feed / overflow points each side
- Skid mounted with integrated base for pump and motor
- Heavy-duty Warman metal lined 4/3 pump

### Generator

- 150kVA diesel powered generator
- Complete with engine and alternator
- Includes control system for generator
- Mounted on heavy-duty steel base with frame

### Technical Specification

- Ø400 Cyclone
- C Screen 1.2m X 2.4m
- Split Scream 50/50
- 6mm Square Aperture on Coarse side
- Twin Discharge Chute
- 0.8mm and 0.5mm Slot on Fine side
- 6/4 Warman Pump; Rubber
- 50tph Cyclone
- Screen ~100tph depending on material properties
- Scream Inclination adjustable
- Weight approx 6 Ton
- Operating height 5,779mm
- Operating width 2,647mm
- Operating Length 6,606mm
- Max flow 200m<sup>3</sup>/hr

### A range of mobile conveyors are also available

#### General Specification:

- Feed boot
- 600mm belt
- Fully adjustable skirting rubbers
- Troughing rollers as standard
- Direct coupled motor and gearbox
- Elevation can be adjusted
- Guarded to specification
- Lagged head drum
- Crowned tail and head drums to assist belt tracking

