



PRODUCES UP TO 5 PRODUCTS
2 washed sands & 3 washed aggregates

Mobile Washing Plant 2019 year, worked for approx 6 months in England.

Model DWP 450 Portable Washing Plant Complete incorporating:

6m x 1.8m THREE-DECK INCLINED WASHING SCREEN

- Heavy duty steel construction
- Subframe with spring hangers
- Steel coil vibrating springs with covers
- 8mm thick side plates with 8mm stiffeners at decks and vibrating mechanism
- Tension clamp bars
- Eccentric shaft vibrator mechanism (800 – 1050 RPM) with steel balance weights
- 140mm spherical self-aligning anti-friction roller bearings
- 18.5kW Electric motor
- V-belt drive with guard
- Boiling box
- All decks fitted with woven wire mesh screens - *opening sizes to be specified by customer.*
- Full wash kit, spray bars complete with replaceable brass nozzles, control valve, rubber side plate seals and mounting clamps and steel tube manifold and fabricated structure to support the individual spray bars to the screen base frame
- Stone chutes lined with 6mm wear plates

- Sand catchment box lined with wear and abrasion resistant rubber of 6mm thickness and 40 deg shore hardness

DSP 150 CYCLONE SAND PLANT

- Pump tank
- Pump Slurrypro (200mm) with 45kW electric motor
- Cyclone Linatex rubber lined HL660
- 4.1m x 1.8m double corridor dewatering screen with modular polyurethane screen media
- Two vibrating motors 2 x 7.5kW
- Upper frame supporting the dewaterer and cyclone
- Rubber lined feed box
- Rubber-lined discharge chute with adjustable diverter gate
- Maximum sand capacity 140Tph
- Maximum slurry capacity 400m³/h

TRIPLE AXLE CHASSIS

- Galvanised access ladders, walkway & handrails
- Leaf spring suspension
- 5th wheel kingpin, airbrakes, lights, mudflaps landing gear & blocking points

Design, manufacture & assembly of control panel & plant pre-wiring

- Powder coated control panel cabinet complete with back plate
- PLC control system for the automatic start up and shut down of plant, with provision allowed for the manual starting and stopping of the plant out of sequence
- Alphanumeric text display that will display basic plant information and will also allow the plant operator to alter the automatic start up and shut down times if required
- Main switch 4 pole c/w door interlock.
- Switch gear for all motors
- Frequency inverter for belt feed hopper variable speed
- Trip indicator for each motor.
- Indicator light for motor running.
- Current amp clock on control panel door
- 110V control circuit.
- E-stop relay c/w with indication lights & reset.
- There will be an emergency stop relay wired into the control panel, this will be wired to a dual contact E.Stop button on the door and also down to terminals at the bottom of the control panel for field E.Stops to be connected to. The emergency stop relay will also monitor the condition of all of the contactors in the control panel, in the event of a contactor being welded in, the emergency stop circuit will not reset.
- Isolators fitted at all motor positions
- Klaxon sounder for plant start up

Installation, commissioning & training

2 No. Operators & Spare Parts Manuals in English

Note: The offer does not include a feeding hopper, conveyors and a pump, but we can offer it a used or new one.

