

OSBORN

Engineered Products SA (Pty) Limited
Shaping Materials Handling

An Astec Company

Osborn Obex Screens



Osborn Obex Screens are locally designed and built to meet the needs of Southern African mining and quarrying operating conditions. The extensive range of vibrating feeders have been tested and proven in ongoing programs of intensive field research, through years of use in mines and industry throughout Southern Africa.

Features

- Low Power Consumption
- Little Maintenance Required
- Low Noise
- Replaceable Mesh
- Easy access to Vibrating Motors
- Floor Mounted or Suspended

Applications

- Screening
- Scalping
- Dewatering

With one of the largest and most modern facilities in South Africa, **Osborn** also offers installation, commissioning, spares, reconditioning and after sales service, plus the capability to supply the right unit for any type of enquiry.

Osborn Obex Screens compliment **Osborn's** other range of vibrating equipment and wide range of feeders, jaw crushers, gyrasphere cone crushers, scrubbers and idlers. Turnkey plant capability is also available.

Description

Two vibrating motors rotate in opposite directions, synchronise and impart a vibrating force in a longitudinal direction. This lifts the material and carries it forward on each rotation, providing a constant feed rate. The amplitude can be varied by adjusting the out-of-balance weights on the vibrating motors to the required stroke.

The frequency depends on the use of 4-pole and 6-pole motors, as dictated by the applications.

Size

Osborn Obex Vibrating Screens are available from 320mm x 800mm to 1500mm x 4800mm in our standard range.



Vibrating Motors

The Vibrating Motor offers an improved sealing arrangement (standard IP65), sg iron bearing housings for lower heat generation and improved plate cover to handle knocks and dents.

Osborn. Designers and manufacturers of bulk materials handling and minerals processing plant and equipment.

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