

## Conveyor Idlers



**Osborn** offers a complete range of standard and custom designed idlers and underground structures.

In underground, overland and in-plant conveying applications throughout industry, Osborn idlers have proven their worth to thousands of satisfied customers.

A stage by stage quality controlled manufacturing programme ensures a product of the highest quality is produced, providing our customers with the benefits they seek.

With one of the largest and most modern manufacturing facilities in South Africa, **Osborn** also offers installation, commissioning, spares, reconditioning and after sales service on all our equipment, plus the capability to supply the right unit for the application.

**Osborn Conveyor Idlers** let you choose models that best suit your conveying needs. They also compliment **Osborn's** extended product offering of : Jaw Crushers, Gyrasphere Cone Crushers, Screens, Scrubbers, Classifiers, Rolling Ring Crushers, Rotary Breakers, plant capability and conveying systems.

The **Osborn** range of equipment is renowned for ruggedness and represents years of design improvements and field experience gleaned from various installations throughout the world. For more details and brochures on these products and other services available please contact our Sales Department at the numbers overleaf.



## Features

- Low maintenance
- Minimum downtime
- Long equipment life.

These are just three of the operational rewards you receive when you invest in Osborn Idlers.

Osborn manufactures idlers of every type to meet any specified need.

## Range

Trough Idlers  
Flat Carrying Idlers  
Flat Return Idlers  
Impact Idlers  
Training Idlers  
Vee Return Idlers  
Picking and Feeding Idlers

## Belt Widths

Full range from 400mm belt to 2400 belt.

## Specifications

Idler Series	Duty	Shell Diameter	Shaft Diameter	Bearing Type	Bearing Dynamic Load	Bearing Static Load
20	Light	102	25/20	420205	12700(N)	7500(N)
25	Medium	127	25	420205	12700(N)	7500(N)
30	Heavy	152	30	6306	28100(N)	16000(N)
40	Extra Heavy	165/178	40	6308	41000(N)	24000(N)

For all those special applications, Osborn also manufactures:

- Fixed and height adjustable underground and overland conveyor structure modules
- Garland idlers
- Idlers for curved conveyors
- Retractable idlers
- "Belt Friendly" idler bases
- Idlers for pocket belt conveyors

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

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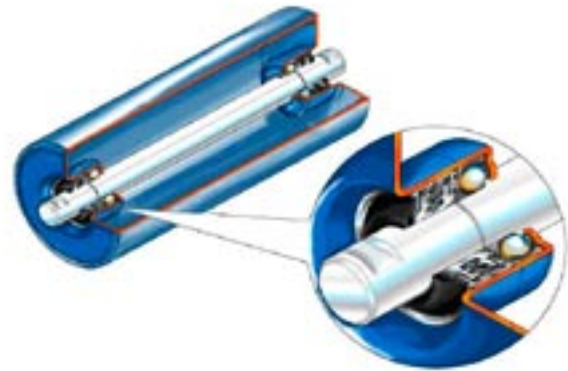
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**Local Agents:** Cape Town, Rustenburg, Witbank, Kimberley, Phalaborwa  
**Export Agents:** Samuel Osborn Zimbabwe, Kenya, Zambia,

Namibia, Nigeria and Ghana

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## Osborn Series 25 Conveyor Idler Roll

### Features

1. 127mm diameter steel tube
2. 25mm diameter bright mild steel shafting
3. 2.5mm thick steel head
4. Deep groove ball bearing - 25mm bore
5. Nylon back seal
6. 25mm external circlip
7. 5 part nylon labyrinth seal with 65mm path

