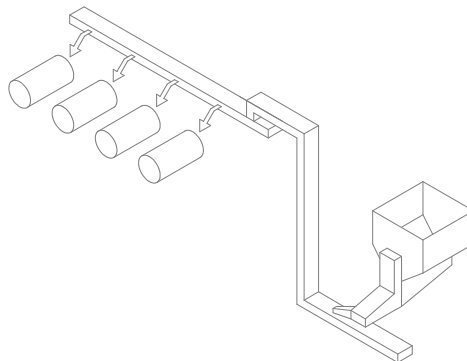
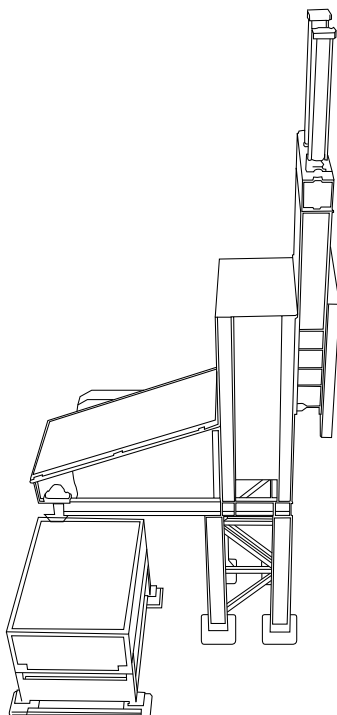




Ball Charging & Grinding Media Handling

Automatic Safe Sorting and Handling of Grinding Media in the Range 27mm to 150mm Diameter.



Company Profile

Australian Engineering Worldwide

Transmin is a world-class provider of innovative engineered equipment, supplies and services to the resources and bulk materials handling industries, including; mining, minerals-processing, oil & gas, logistics, utilities, agriculture, quarrying and construction.

Proven Results

Established in Perth in 1987, Transmin sets the standard for mechanical equipment design and application, led by our specialist Engineering division, and backed by our dedicated Service and Parts divisions. Transmin's Control and Automation division delivers award-winning software solutions specialising in remote equipment operation and systems integrations.

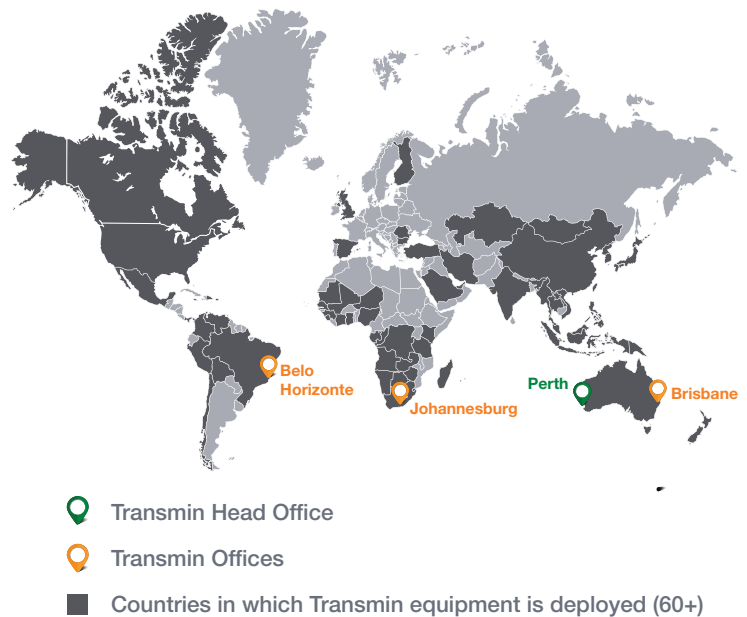
Transmin's head office and major manufacturing facilities are located in Perth, Western Australia, with regional offices situated in Brisbane, Johannesburg and Belo Horizonte, Brazil. Our international network of suppliers and industry partners provides global reach and the capability required to undertake and support projects anywhere in the world. Transmin engineered equipment is currently deployed in over 60 countries.

The Transmin original equipment range covers most bulk materials-handling applications, including; feeders and conveyors, bulk loading and unloading hoppers, rock-breakers and grapples, hydraulic boom systems, bin isolation gates, reagent preparation and processing facilities, lime preparation facilities, ball mills, bucket elevators, and silos.

Transmin has a range of systems available to safely store and feed steel balls from simple kibbles through to complex handling systems comprising of storage hoppers connected to ball feeders of the cassette or 'star feeder' type. These devices can feed directly into mill feed chutes or conveyors which are often the most cost effective solution.

For larger plants we incorporate side wall 'pocket belt' conveyors to elevate the balls within the plant and then transfer to flat belt conveyors incorporating multiple mill feed stations in the form of pneumatic ploughs and gates to feed multiple mills on demand. Recent projects have included feed conveyors over 100m long with up to five outlet ploughs.

www.transmin.com.au



AS/NZS
ISO 14004
Compliant



AS/NZS 4801
Compliant



AS/NZS
ISO 14001
Compliant



AS 3992
Compliant



AS/NZS 1554
Compliant



ASME IX
Compliant



World Class Facilities

Transmin's head office and major manufacturing facilities are located in Perth, Western Australia; with over 4000sqm of fully equipped workshop space suitable for heavy assembly and servicing. Transmin also has regional offices situated in Brisbane, Johannesburg and Belo Horizonte, Brazil.

Ball Charging & Grinding Media Handling

Automatic Ball Charge Handling Systems

Safe sorting and handling of grinding media in the range 27mm to 150mm diameter.

Safe & Compact Design

A safe and compact design that has a hoist to elevate an opened 200 litre drum of balls and tip the contents into the feeder kibble. Standard kibble capacity is 600 litres. In the kibble and feed chute the balls are sorted into a single depth for presentation to the slot feeder. Our standard design can handle 30, 52 and 80mm balls simultaneously.

Self Clearing

A self clearing mechanism is utilised to prevent jamming of balls.

Meter Rate

The capability to infinitely vary the ball metering rate.

Alarm Facility

The ball chargers feature an alarm facility to indicate feeder empty or blocked chute.

Modular Construction

Designed in modular sections comprising storage hopper, kibble chute and either slot or star feeder means all duties can be accommodated.



Tonnes of grinding media, normally in the form of steel balls, are consumed by all process plants having mills as part of their comminution process. The handling of heavy steel balls can be a safety issue when drums of balls are hoisted and tipped, often manually, into chutes and mill inlets.

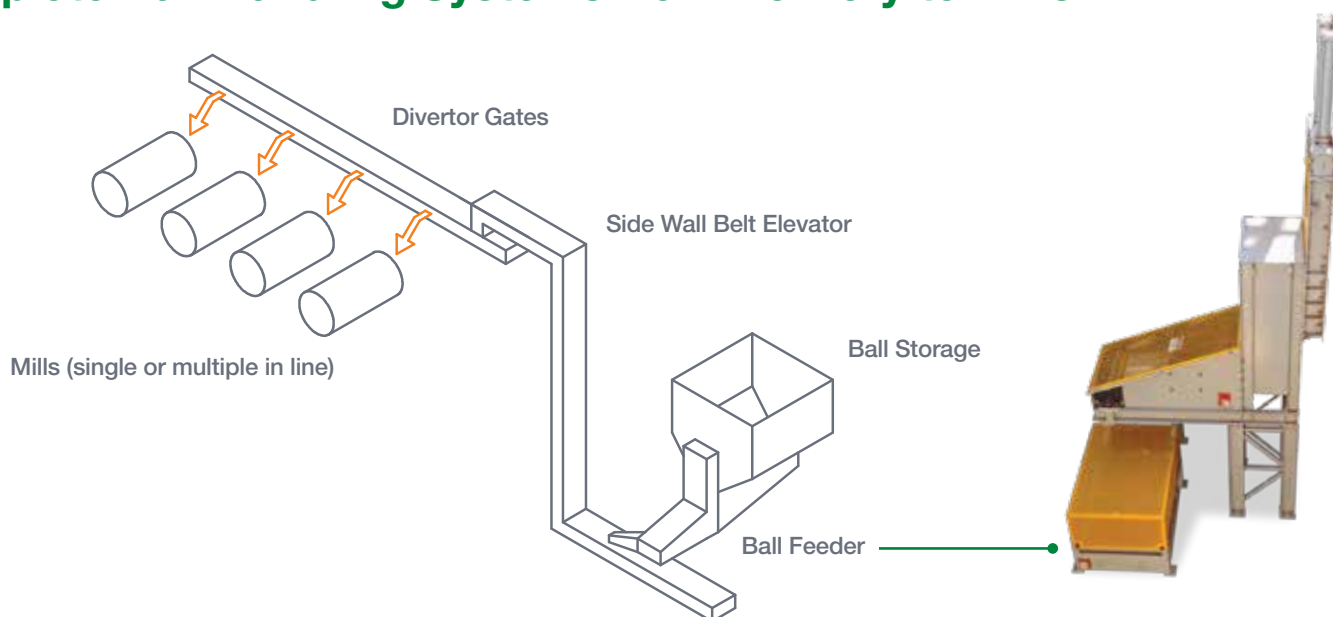
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Steel balls diameters 27-150mm

Complete Ball Handling Systems from Delivery to Mills



Ball storage capacities to suit mill usage and various ball diameters (27 - 150mm).



Complete systems available from delivery through to mill feed.



Hoist operated kibble option is the simplest solution for low ball consumption.

Transmin Parts & Service



Transmin and other OEM Equipment

Aside from the Low Profile Feeder, Transmin has the capability to repair and service a wide range of mechanical and hydraulic equipment - both Transmin equipment and third party OEM equipment.

The range of equipment we service includes;

- ▶ Feeders and Conveyors
 - Belt Feeders
 - Apron Feeders
 - Screw Feeders
 - Vibratory Feeders
 - Circle (Table) Feeders
- ▶ Hydraulic Boom Systems & Attachments
 - Hammers
 - Grapples
- ▶ Mineral Sizers & Crushers
 - All makes and models
- ▶ Hydraulic Cylinders
- ▶ Ball Mills
- ▶ Ball Chargers
- ▶ Bin Activators
- ▶ Bin Gates
- ▶ Bucket Elevators
- ▶ Industrial Shredders
- ▶ Lime Preparation Plants
- ▶ Flocculent & Reagent Processing Plants
- ▶ Rotary Valves
- ▶ Belt Scales
- ▶ Density Gauges
- ▶ Tilt Switches



Transmin Genuine Parts



Committed to being a
world class **supplier** and **service** provider
recognised for **integrity** and **innovation**

[**www.transmin.com.au**](http://www.transmin.com.au)



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Committed to being a
world class supplier and service provider
recognised for integrity pure innovation

