



# Geared to drive Australian industry.

## Your total solution for...

Shaft Couplings  
Belts and Pulleys  
Chains and Sprockets  
Gearboxes  
AC/DC Motors and Controllers  
Conveyor Components  
Conveyor Belting  
Materials Handling  
Wheels and Castors  
Gate Operators  
Trailer Equipment  
Locks, Fasteners and Hinges

**Corporate information and product guide**



**TRANSMISSION  
AUSTRALIA**

**As Australia's largest dedicated power transmission and conveyor belting company, Transmission Australia offers customers unequalled service, supply and engineering support.**



### Expanded operations

Commencing operations in 2000, Transmission Australia has since expanded, incorporating the unique skills and knowledge of nine additional power transmission providers:

- » Reynolds Dynamics
- » LB Normand
- » Dynamic Power Transmission
- » Transmission Drives Australia
- » Victorian Transmission
- » Lyon Industrial Supplies
- » Colliss Drive Technology
- » ChainPower
- » Engineered Products Group Pty Ltd (Transmission Division)

We have also combined forces with Powergrip, the conveyor and transmission belt specialists.

Transmission Australia continues to grow, offering even more to our customers. Incorporating EPG's Transmission Division in 2007, we expanded our range to include Gibson Battle, Rexnord, and Kana.

### The range

As a leading national importer and wholesaler of AC, DC and servo motor products, our extensive stock holdings encompass the complete range of general power transmission products, including belts, pulleys, bushes, chain, sprockets, and shaft locking assemblies.

Enhancing the product range further is a specialist conveyor and transmission belt service, with onsite belt splicing and repair services available.



Call us now for more information  
**Sales ☎ 1300 139 102**  
**[www.transaus.com.au](http://www.transaus.com.au)**

## Our greatest asset

Transmission Australia believes our greatest asset is our people. The industry and application knowledge they bring to our customers is unequalled.

Our staff have a wealth of experience in the engineering industry, and they are always on hand to assist with any power transmission, conveyor belting or engineering requirements.

From simple drive selections to complex system integration - Transmission Australia has the experience and expertise to provide the right solution.

## Service solutions

With offices and warehousing throughout Australia, Transmission Australia can supply to all levels of industry - from a small business to a multinational company.

In addition to supplying products, we also add value to your business - whether it be through our engineering solutions for reducing downtime and improving reliability, inventory management of your power transmission stores, or training of your staff.

## Leading brands

Transmission Australia has exclusive distribution arrangements with world leading manufacturers.

Recognised as the sole Australian distributor for a number of European manufacturers, big brands such as ESCO and Mayr are available through Transmission Australia. We also distribute Australia wide the popular Baldor brand, plus a range of CMG, Rexnord, Westcar, BTL and Mafdel products.

## Our mission

Commitment, integrity, and first class customer service are the values driving Transmission Australia.



# Geared to drive Australian industry.



# TA Specialist Advice

We can offer you specialist selection advice for all your power transmission requirements.



## AC and DC Electric Motors

- » CMG AC cast iron and aluminium motors
- » 0.09kW – 1,500kW
- » MEPS high efficiency compliant
- » Ex e, Ex n, DIP, Ex d Zone 1, IP66
- » Baldor DC motors
- » Mini Motor (34 – 230 watts)
- » Motor slide rails



## Gearboxes

- » Inline Helical
- » Bevel Helical
- » Worm
- » Cycloidal speed reducers
- » Shaft Mounted Reducers (SMR)
- » Planetary
- » Mechanical variators
- » Foot and flange mount
- » Solid and hollow shaft
- » Available as gear reducers and gear motors



## Servo Systems

- » AC and DC servo motors
- » High performance single and multi axis controllers
- » Positioning servo drives
- » HMI panels (Human/Machine Interface)
- » Low backlash gearboxes
- » Zero backlash couplings
- » Zero backlash timing belt drives
- » Cables, filters, transformers and chokes



## AC and DC Variable Speed System

- » KB, Genesis, Baldor, Minarik and Vacon
- » Single phase input
- » Three phase input
- » Basic and fully featured units
- » Up to 355kW



### Belt Drives

- » Powerflex and Gates vee belts
- » Gates Powergrip timing belts
- » HTD drive belts
- » Poly vee belts
- » Variable speed belts
- » Flat transmission belts



### Pulleys

- » Cast iron vee pulleys
- » HTD drive pulleys
- » Timing pulleys
- » Poly vee pulleys
- » Variable speed pulleys



### Open-Ended Belting

- » Polyurethane and rubber endless belting
- » Steel and Kevlar corded
- » Clamping plates and spliced belts
- » HTD, metric and imperial timing pitches



### Shaft Locking Assemblies

- » Taper bush
  - Metric up to 125mm
  - Imperial up to 5 inches
  - Specials made to order
- » Conical locking elements
  - Self centering and non self centering up to 400mm
- » Weld-on-hubs

# TA 24 Hour Support

Breakdown issues? Production problems?

We are available to help 24 hours a day - 7 days a week.



## Roller and Conveyor Chain

- » Kana roller chain
- » Double pitch
- » Attachment
- » Leaf
- » Agricultural
- » Conveyor
- » Crank link
- » Stainless steel and Dacromat plated



## Sprockets

- » Roller and conveyor chain
- » Bossed
- » Plate wheel
- » Pilot bore and taper bush
- » Simplex, duplex and triplex
- » Weld fit
- » Chain tensioners
- » Made to order specials



## Couplings

- » Esco gear
- » Esco disc
- » CMD grid
- » Rexnord Omega
- » Mayr servo
- » Backlash free
- » Westcar fluid
- » Samiflex
- » HRC, Tyre, Jaw, Pin and Chain
- » Cardan shafting



## Brakes and Clutches

- » Electromagnetic brakes and clutches
- » Safety clutches
- » Safety brakes
- » Torque limiters



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Sales 1300 139 102

[www.transaus.com.au](http://www.transaus.com.au)

## Products Available

### Belt drives

- » Powerflex Vee Belts
- » Gates Vee Belts
- » Gates HTD & Timing
- » Open length HTD & Timing (Steel / Kevlar corded)
- » Variable speed
- » Flat transmission
- » Nu-T-Link & Super-T-Link

### Pulleys & Bushes

- » Vee pulleys
- » Variable speed
- » HTD & Timing
- » Taper bushes
- » Weld on hubs
- » Conical locking elements

### Chain drives

- » American & British Standard roller chain
- » Double pitch roller chain
- » Leaf chain
- » Agricultural chain
- » Crank link chain
- » Conveyor chain
- » PIV (variable speed chains)
- » Stainless Steel
- » Dacro (corrosion resistant)
- » Table top & modular conveyor chain

### Sprockets

- » Simplex / Duplex / Triplex
- » Pilot bore
- » Taper bushed
- » Weld fit
- » Specials made to order

### Couplings

- » Rexnord Omega
- » Esco Gear
- » Winflex Grid
- » Esco Disc
- » Rotofluid
- » Mayr backlash free
- » Samiflex
- » HRC
- » Tyre
- » Jaw
- » Pin
- » Chain

### Brakes & Clutches

- » Mayr Electro-magnetic brakes & clutches
- » Mayr Safety brakes
- » Mayr Torque limiters
- » CTS Holdbacks

### Electric motors

- » AC & DC motors
- » Single & three phase
- » Cast iron & aluminium
- » Foot & flange mount
- » Exd, Exe, Exn, DIP, Mining, IP55, 56, 66
- » Servo motors
- » Motor slide rails

### Gearboxes

- » Worm
- » Helical Worm
- » Inline Helical
- » Bevel Helical
- » Shaft Mounted Reducers (SMR)
- » Cycloid
- » Minimotors
- » Baldor DC gearmotors

### Drives systems & Controllers

- » AC & DC Drive systems
- » Frequency inverters
- » Soft starters
- » Genesis speed controllers

### Machine measurement

- » Siko Digital positioning indicators
- » Siko Encoders
- » Siko Geared potentiometers
- » Siko Wire-actuated transducers
- » Siko Electronic measurement displays
- » Siko Contactless sensors
- » Baldor Tacho generators

### Conveyor belting

- » Polyurethane / PVC / Rubber / Silicon
- » General purpose
- » Food Grade
- » Polyurethane round & sectional belting (GreenGo, RedGo)
- » On-site installation & service

### Materials handling

- » Gravity Rollers
- » Roller Conveyors
- » Motorised drums
- » Conveyor wear strips
- » Related conveyor products
- » Wheels & Castors
- » Scissor lift tables

## Quick Conversion Chart

Fraction	Decimal	Millimetre
1/32	.0312	0.792
1/16	.0625	1.587
3/32	.0937	2.379
1/8	.1250	3.175
5/32	.1562	3.967
3/16	.1875	4.762
7/32	.2187	5.554
1/4	.2500	6.350
9/32	.2812	7.142
5/16	.3125	7.937
11/32	.3437	8.729
3/8	.3750	9.525
13/32	.4062	10.317
7/16	.4375	11.112
15/32	.4687	11.904
1/2	.5000	12.700
17/32	.5312	13.492
9/16	.5625	14.287
19/32	.5937	15.079
5/8	.6250	15.875
21/32	.6562	16.667
11/16	.6875	17.462
23/32	.7187	18.254
3/4	.7500	19.050
25/32	.7812	19.842
13/16	.8125	20.637
27/32	.8437	21.429
7/8	.8750	22.225
29/32	.9062	23.017
15/16	.9375	23.812
31/32	.9687	24.604
1	1.000	25.400



# Need an extra product to complete your project?

Truly a one-stop-shop, at Transmission Australia we offer a comprehensive range of Power Transmission and Conveyor Belting products and associated accessories for a wide range of industries.

Contact us NOW for a product catalogue.

## **General**

- TA Corporate Brochure
- General Power Transmission
- Gatekeeper Brochure
- Conical Locking Elements
- TA Motor Slide Rails
- Nu-T-Link & Super T-Link Belting
- CMG Corporate Brochure & Product Selection Guide

## **Brakes & Clutches**

- Mayr Brakes
- Mayr Clutches
- Friction Disc Torque Limiters / Couplings
- Clipper Disc Brakes

## **Gates Belts**

- Gates Selection Program (CD ROM)
- Gates Predator Vee Belts
- Gates HTD Belts
- Gates Powergrip Timing Belts
- Gates Mectrol Belting

## **Couplings**

- Rexnord Omega Couplings
- Winflex Grid Couplings
- Esco Gear Couplings
- Mayr Backlash Free Couplings
- Samiflex Couplings
- Jaw Couplings
- Tyre Couplings
- HRC Couplings
- Pin Couplings

## **Materials Handling**

- Fallshaw Wheels & Casters
- Richmond Wheels & Casters
- Scissor Lift Tables

## **Electric Motors**

- CMG HGA series
- CMG SGA series
- CMG HLA series
- CMG SLA series
- CMG PPA series
- CMG PPD series
- CMG MT series
- CMG CT series
- CMG CW series
- Baldor DC Motors
- Baldor Servo Motors

## **Conveyor belting**

- General Purpose Conveyor
- Incline Conveyor Belting
- Food Approved Conveyor Belting
- Round Polyurethane Belting
- Sectional Polyurethane Belting

## **AC Drives & Softstarters**

- Vacon NX
- Lovato ADX

## **Machine Measurement**

- SIKO Contact Sensing
- SIKO Encoders
- SIKO Measurement Displays
- SIKO Position Indicators

## **Gear Motors**

- Nordbloc-SGA
- Nordunicase-HGA
- Nordbevel-SGA
- Nordworm-HGA
- VARVEL FRT-MTT/HLA
- VARVEL FRS-HGA
- VARVEL FRS-MTT/HLA
- VARVEL FRD-MTT/HLA
- C&H SLA
- Cycloid
- CMG Geardrive
- SMR

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
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For further information  
simply complete this  
form and fax to:  
03 9755 4411



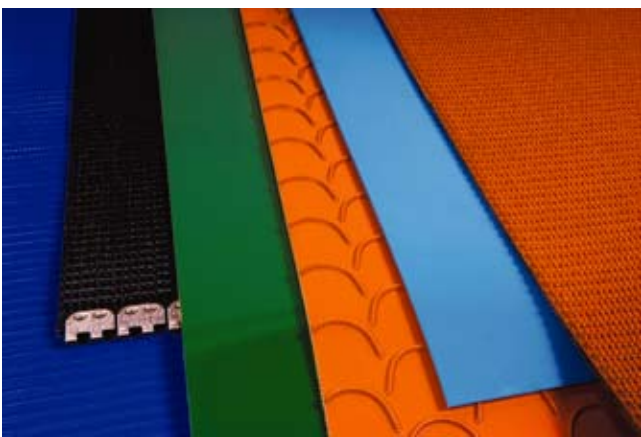
### Machine Measurement

- » Digital position indicators
  - Encoders
  - Geared potentiometers
  - Wire-actuated transducers
  - Electronic measurement displays
  - Contactless sensing
- » Tacho generators



### Detachable Vee Belt Drive

- » Nu-T-Link - classical section vee belting
- » Super T-Link - wedge section vee belting
- » Oil resistant
- » Heat and steam resistant
- » Chemical resistant



### Powergrip Conveyor Belting

- » PVC
- » Polyurethane
- » Food grade
- » General purpose
- » Profile belts
- » Amra Trak
- » On site service available



### Thermo Weldable Conveyor Belts

- » Medium duty conveyor applications
- » Polyurethane round belting
- » Red Go, Green Go and Blue Go
- » Polyurethane vee section belting
- » BTL and Mafdel
- » On site service available

# TA Product Range

Our diverse range of products and brands ensure you get the products you need for your application.



## Materials Handling

- » Stainless steel and Acetal
  - Straight run chains
  - Sideflex chains
- » Low back pressure chain
- » Crate conveyor chain
- » Modular plastic belting



## Wheels and Castors

- » Domestic castors
- » General industrial
- » Light and heavy industrial applications



## Other Materials Handling Products

- » Gravity conveyor rollers
- » Powered roller conveyor
- » Conveyor chains
- » Motorised drums
- » Related conveyor components
  - Brackets, knobs, guide rails, bipod and tripod stands, plastic sprockets, plastic spools, wear strips and adjustable feet



## Scissor Lift Tables

- » Optional platform sizes
- » External or remote power packs
- » Safety skirts
- » Tandem tables
- » Work bench applications
- » Manual and powered tables
- » Tilting decks
- » Manual lifting devices also available
  - Pallet trucks
  - Trolleys
  - Mobile lift trolleys



### Gate Openers

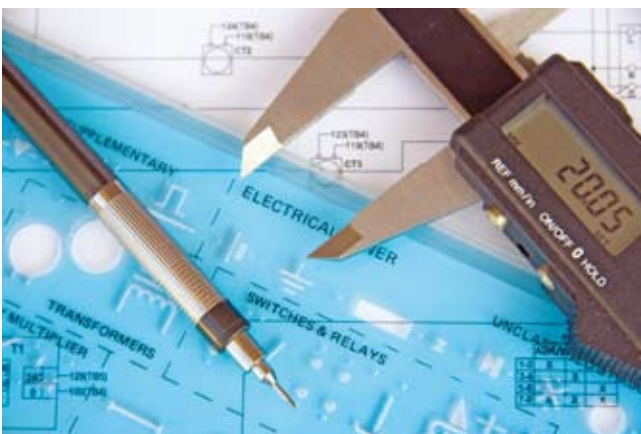
- » TA Gatekeeper (commercial)
- » Gate openers (domestic)
- » Underground swing gates
- » Bollard systems
- » Boom gates



### Gearbox Service and Repair Facility

- » Full refurbishment and overhaul capabilities
- » Onsite service inspection available
- » Full delivery service - to and from site
- » Full 12 Month warranty on parts and labour
- » Additional components fitted upon request, including couplings, pulleys and sprockets

## Engineering Services

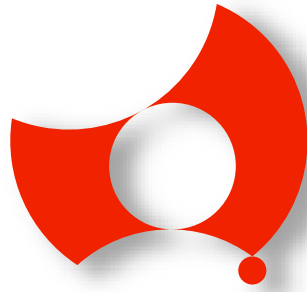


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In addition to supplying products, we can also value add to your business - whether it be through our engineering solutions for reducing downtime and improving reliability, inventory management of your power transmission stores, or training your staff.

### Service, supply and engineering support...

- » Vee belts and chain drive selection
- » Gearbox selection
- » Coupling selection
- » Conveyor belt selection
- » Electric motors and drives systems
- » Servo system design
- » Complete drives system integration
- » Conveyor belting installation and service - 24hrs/7days
- » Installation and maintenance advice
- » Inventory management assistance
- » Stock rationalisation
- » Staff training



# **TRANSMISSION**

A U S T R A L I A

**Geared to drive Australian industry**

<b>LOCATION</b>	<b>TELEPHONE</b>	<b>FACSIMILE</b>
VIC Rowville	03 9755 4400	03 9755 4410
NSW Kings Park	02 9672 8877	02 9676 3355
QLD Archerfield	07 3275 1717	07 3275 1818
SA Pooraka	08 8359 1321	08 8359 5675
TAS Devonport	03 6424 8574	03 6424 9393
WA Welshpool	08 9458 6088	08 9458 7088

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