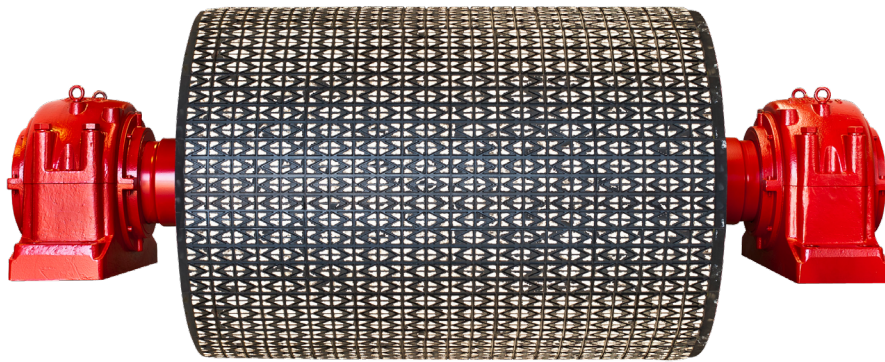




Pulleys & Lagging

Dynamic Balancing
Fatigue-Resistant
Infinite Life



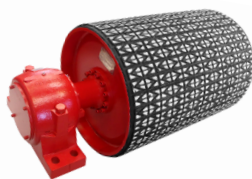
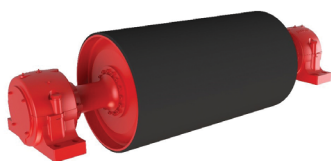


DYNA-TRAC® Engineered Pulleys

Pulley Design and Manufacture

DYNA-TRAC® Engineered Conveyor Pulleys are designed and manufactured to the highest engineering standards to ensure long, reliable, fatigue-resistant service life. Locally manufactured right here in Perth, Australia, our pulleys are constructed from either pipe or rolled steel shells, and incorporate steel plate end-discs and quality shaft material.

Features



Cold Bonded Rubber Lagging		Hot Vulcanised Rubber Lagging		Direct Bond Ceramic Lagging	
Machined High-Tensile Steel Shafts	Rolled Steel Shells	Steel Plate End-Discs	Key-Less Shaft to Hub Locking Rings	Dynamically Balanced after Assembly	Machined Keyway for Motor
Optional Features	Crowned or Non-Crowned Pulley Surface	Lagged or Non-Lagged	Bearings and Housings	Full Penetration Welding	Non-Destructive Testing of Shafts, Shell and Welding

Custom Designed to Australian Standards			
Series			
AS 1065	Non-destructive testing of shafts, shell and welding	AS 1627	Metal finishing - prep and pre-treatment of surfaces
AS 1210	Stress-relieving of pulley shells	AS 2207	Non-destructive ultrasonic testing of fusion-welded joints
AS 1403	Design of rotating steel shafts for infinite life	AS 2729	Rolling bearings - dynamic load ratings and rating life
AS 1554	Structural Steel Welding Code	AS 3678	Steel plate materials
Part 1	<i>Welding of steel structures: General Purpose (GP) or Special Purpose (SP)</i>	AS 4171	Rolling bearing - static load rating
Part 5	<i>Welding of steel structures subject to high levels of fatigue loading</i>	AS 4235	Keys and keyways

Quality Control

DYNA Engineering pulleys are manufactured under ISO 9001 : 2000 Quality Management System. We provide full documentation of conformity under agreed Inspection and Test Plans (ITP) to Australian and/or International Standards.

Pulley Lagging

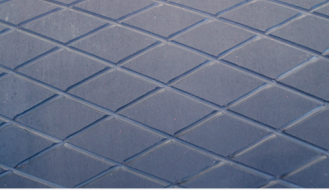
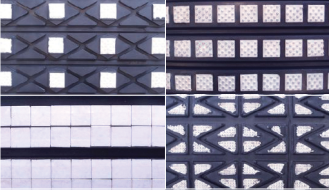

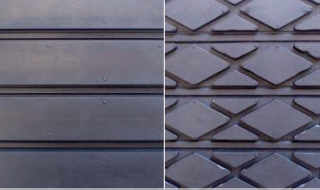
DYNA Engineering has a wide range of highly wear-resistant lagging products meeting Australian Standards.

Features

• Hot Vulcanised Rubber Lagging	• Cold Bonded Rubber Lagging	• Rubber-backed Ceramic Lagging	• Direct Bonded Ceramic Lagging
• Alternate Lagging Thicknesses available	• A variety of Groove Patterns, Profiles, and Pitches available	• Additional Rubber Grades/ Properties available	

DYNA Engineering has a wide range of highly wear-resistant lagging products.

Our Range Includes

			
Cold and Hot Vulcanised Rubber Lagging	Rubber Backed Ceramic Lagging	Direct Bond Ceramic Lagging	Varying Range of Thickness, Patterns, Profiles, Pitches and Grades
Additional rubber grades or properties available to suit any application	Alternative lagging thicknesses available from 8mm to 16mm	A variety of groove patterns, profiles and pitches available e.g. Herringbone, Axial Groove, Diamond, Plain and more	Cold Bonded Rubber Lagging or Cold Bonded Rubber Backed Ceramic Lagging options include: Flexco, Kolag and other brands
			Direct Bonded Ceramic Lagging available in Smooth or Dimpled

Pulley Reconditioning

DYNA Engineering offers reconditioning services which gives new life to an old pulley. Reconditioning is recommended when the pulley shell and shaft are in good condition, but the bearings, locking assembly or lagging may be worn.



Pulley Reconditioning Services

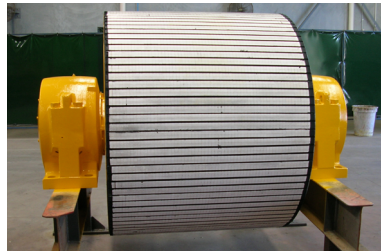
Complete Pulley Inspection including Shell, Shaft, Welds, Bearing and Housing, and Seal Components

Crack Testing of
Pulley Shell/Shaft

Bearing and Locking
Assembly Replacement

Shell Re-lagging

External Finishes and more



Services

- Bespoke Engineering Solutions
- Conveyor Audits
- Conveyor Maintenance
- Pulley Refurbishments
- Fabricating and Manufacturing

Products

- Air Knives
- Belt Scrapers
- Brush Cleaners
- Chutes and Shedders
- Conveyor Belts – Chevron Rubber
- Conveyor Belts – Steel Cord
- Conveyor Belts – Textile / Rubber
- Conveyor Rollers
- Conveyor Skirting
- Diverter Ploughs
- HDPE Conveyor Guards
- Idler Sets and Rollers
- Impact Bars
- Impact Beds
- Inspection Doors
- Inverted V-Trackers
- Pulley Design & Manufacture
- Pulley Lagging
- Pulley Refurbishment
- Spray Bars
- Tracking Rollers
- V-Ploughs

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