



Innovative Solutions to Meet Your Conveyor Equipment Needs



**DYNA
Engineering**

www.dynaeng.com.au
dyna@dynaeng.com.au
Ph: +61 8 9473 4300
Fax: +61 8 9473 4399
Freecall: 1800 801 558
PO Box 518 Dianella WA 6059



**DYNA
Engineering**

Manufacturers & Suppliers of Conveyor Equipment & Services

DYNA EXPERIENCE & CAPABILITY

Dyna Engineering is a proud and reliable Western Australian company with over 25 years' experience supplying quality conveyor components throughout Australia and South East Asia. Dyna can design, fabricate and supply all components, including – pulleys, idler frames and rollers, scrapers and cleaners, impact beds, rubber conveyor belting, rubber skirting, and transfer chutes. All Dyna's components are designed in-house strictly adhering to certified Australian Standards.

Amongst others, Dyna has been entrusted by major companies such as BHP Billiton, Rio Tinto, Alcoa, Barrick Gold, Tiwest, Iluka Resources, Aditya-Birla, with provision of its quality products and services. A concise sample of our recent projects include:

Project Name and Client	Goods Supplied	Value of Goods AUD	Client Contact	Year of Supply
Galaxy Resources Mintrex- Mt Cattlin	4 x Belt Feeders	\$239,000.00	Mr Hideo Kozakai (08) 9442 3333	2010
BHP Billiton – Lycopodium Consultants – Mt Keith Nickel	2 x Conveyors	\$ 300,000.00	Mr Ian Belford (08) 6210 5222	2010
TWP – Greenstone Resources Siana Gold - Philippines	Idlers, Pulleys, Belt Cleaners, Drives & Skirting Modules	\$ 200,000.00	Mr Rudi Pope (08) 9214 8888	2011
CSI – Kwinana Bulk Terminal	Idlers & Impact Beds	\$ 508,000.00	Mr Paul Nettleton (08) 9329 3400	2011
CSI – Carina Iron Ore Project	Idlers & Impact Beds	\$ 796,000.00	Mr Rene Priest (08) 9329 3400	2011
Abesque Engineering – Degussa Copper Project	Idlers, Pulleys & Conveyor Belt	\$ 185,000.00	Mr Mark Mathews (08) 6222 6435	2011-2012
Regis Resources – Garden Well Gold Project	Idlers, Pulleys, Impact beds & Skirting Modules	\$ 800,000.00	Mr. Mick Evans (08) 9442 2200	2011 -2012

Project Name and Client	Goods Supplied	Value of Goods AUD	Client Contact	Year of Supply
CSI - FMG Christmas Creek Expansion - 2	Idlers, Pulleys, Impact beds & Structural Steel Work	\$ 3,566,000.00	Mr. John Roth (08) 9329 3400	2011-2012
CSI – Wodgina 2 Project	Idlers, Pulleys, Impact beds & Structural Steel Work (Brake assembly, flywheel)	\$ 798,000.00	Mr John Roth (08) 9329 3400	2011-2012
Kerman Contracting – One Steel Whyalla Project	Idlers, Conveyor Belts , Skirting Modules Pulleys & Belt cleaners	\$2,045,000.00	Mr Neil Dalais (08) 9364 8466	2012
BHP Billiton Mitsubishi Alliance – Gregory Mine	Pulleys & Idlers	\$ 189,000.00	Mr Michael Breen (07) 4982 8100	2012
Leighton – Whyalla Permanent Berth Project	Idlers, Conveyor Belts , Skirting Modules Pulleys & Belt cleaners	\$ 354,000.00	Martin Goldberg (08) 8645 5666	2012-13
Sedgman – Mungari Gold Project	Idlers, Conveyor Belts , Skirting Modules Pulleys & Belt cleaners	\$424,000.00	David Fielder (08) 9472 8700	2013

With our commitment to the highest standard of products, and great customer service, Dyna prides itself on the delivery of our quality equipment in lead-times to match your project schedule, and we have the track record to prove it. For example, for Sandfire Resources' DeGrussa copper mine we designed, manufactured and delivered to site – 423 idler sets, 16 pulleys and 781m of conveyor belt all within 10 weeks of receiving the order.

Idler Rollers

- Impact Rollers
- Plain Rollers
- Rubber Screw Rollers
- Steel Screw Rollers
- Tapered Rollers
- Rubber Disc Rollers
- HDPE Rollers
- Stainless Steel Rollers
- Guide Rollers
- Hard Chrome Coated Rollers

Covers

- Rolled Custom Orb
- Mini Orb
- Fabricated to Your Specifications

Chutes

- Discrete Element Modeling (DEM)
- Full 3D AutoCAD Design

Flexiseal Skirtboard Seal

- Dynamic Sealing System
- Compensates for Movement, Miss-Tracking and Wear Automatically
- Eliminates Spillage and Dust Problems

Rubber Conveyor Belts

- Fabric Belts upto 2400mm
- Steel Cord Belts upto 2400mm
- Chevron and Rough Top Belts

Impact Beds

- Heavy Duty Impact Bed
- Hybrid Idler Impact Bed
- Standard Pin-Lock Bed
- Five Roll Impact Bed

Pulleys

- Head, Tail and Drive Pulleys
- Rubber and Ceramic Lagging
- Steel Plate End Discs
- Full Penetration Welding (AS 1554.5)
- Static and Dynamic Balancing
- Bearing and Locking Elements Fitted

Conveyor Belt Cleaners

- Primary and Secondary Scrapers: HB, N, NB, PB, PR, R, T, TB, TM.
- Plows: V, ME
- Air Knives and Spray Bars
- Brush Cleaners
- Diverter Plows

Idler Frame Sets

- Twin/Three/Five Roll Trough
- Twin/Three/Five Roll Suspended
- Three Roll Variable Transition
- Three Roll Rigid Suspended
- Single/Twin Roll Flat Carry
- Twin Vee Return
- Picking
- Tracking

This diagram is for illustrative purposes only.

DYNA CONVEYOR COMPONENTS

Dyna Engineering can design and supply all your conveyor component requirements no matter whether for a minor brownfields project, or right through to a major greenfield start-up:



DYNA ENGINEERED PULLEYS

Dyna pulleys are computer designed to ensure infinite shaft and shell life, and the delivery of reliable, fatigue resistant service life.

Other features include - dynamic balancing, keyless locking assemblies, crowned or non-crowned faces, plain steel, rubber or ceramic lagging.

DYNA IDLER SETS

Dyna is able to design and supply a comprehensive range of idler sets (frames with rollers). Our frames are manufactured from high quality metals and precision punched components. Idler frames can be finished in standard paint or galvanised, and come as inline or offset trough, flat and vee return, transition and trainers, and many more. Frames and/or rollers can be supplied separately.



DYNA ROLLERS

Dyna rollers can be supplied in diameters from 50mm up to 219mm, and face-widths from 190mm up to 3500mm. Manufactured from precision tube with cold drawn shafting materials, bearings and seals are machine fitted to ensure precision alignment. Rollers come in plain, lagged, impact, rubber disc, and more.



DYNA IMPACT BEDS

Dyna can make Impact Beds to suit any requirement. Constructed from heavy duty steel sections, fully welded and hot dip galvanized – they are made to last in the most trying conditions. Impact bars are made of UHMWPE low friction materials, so the coefficient of friction between impact bars and belt is greatly reduced for superior protection.

DYNA CLEANERS

Dyna-Trac Belt Scrapers are made in a wide range of sizes and designs to suit most applications including primary and secondary scrapers, and also V-Plows. Scrapers are available with polyurethane or tungsten carbide blades and a choice of manual, spring, air and counter weight adjustment.

Dyna is also able to supply air knives and spray bars, brush cleaners, and diverter plows.

CONVEYOR BELTING

Conveyor belts are available in grade M, N, Heat Resistant, S (FRAS), F, and widths up to 3000mm, from one ply upwards including crows foot weave, and strengths of PN100 to PN500 and steel cord belting up to strength ST7000.

CONVEYOR SKIRTING

Dyna-Trac Flexiseal Skirtboard is a dynamic sealing system which caters for belt movement and mis-tracking, and compensates for wear automatically. Flexiseal maintains a seal between the conveyor structure and conveyor belt in order to eliminate spillage and dust problems.

Dyna supplies skirting strip rubber in 30m rolls of 50 – 60 Shore A hardness, in sizes 3mm to 25mm thick and 100mm to 1200mm wide.

CONVEYOR ACCESSORIES

To meet all your needs, Dyna also supplies wind guards, stone guards, chute design and fabrication, chute inspection doors, and conveyor covers. Please feel free to contact Dyna for friendly advice and service.