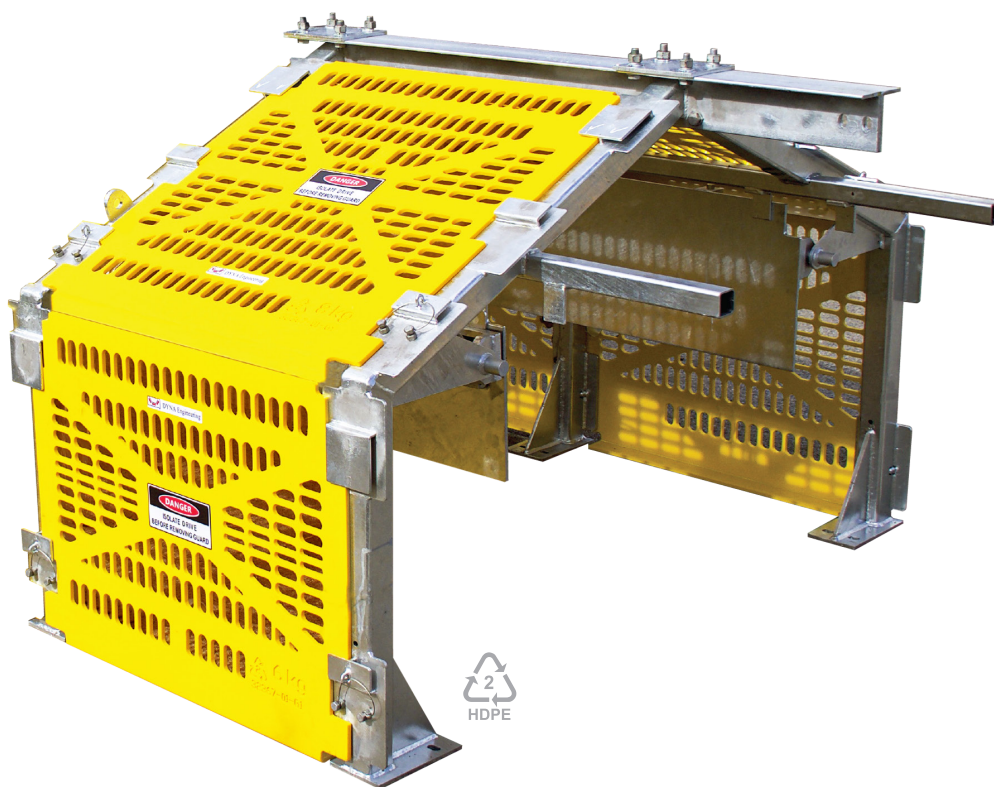
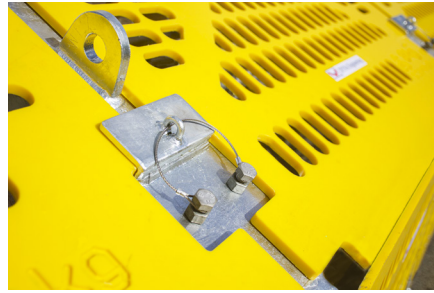




Conveyor Guards (HDPE)

Light-weight
Low-maintenance
Corrosion-free



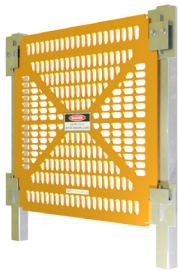


DYNA Engineering Conveyor Guards ^{*Patent pending}

DYNA Engineering Conveyor Guards* are a HDPE guarding system designed to improve safety for bulk handling systems. The purpose of conveyor guards is to protect personnel from harm associated with conveyors; either by preventing personnel from entering the danger zone and/or to contain rogue material within the conveyor.

Made from recyclable/recycled high-density polyethylene (HDPE), our conveyor guards are designed to be a light-weight, low-maintenance and corrosion-free alternative to conventional non-HDPE guards.

Features



Custom Designed to Australian Standards

Series

AS 4024 : 1 : 2014

AS 4024 : 3610 : 2015

AS 4024 : 3611 : 2015

DYNA Engineering Conveyor Guards are fit for purpose.

They are designed and engineered for each application using the latest innovations, methodology and techniques.

Our guards can be designed to suit your existing equipment and can be adapted to incorporate metal detectors, belt change stations, access platforms, access points, conveyor pull wires, cabling and any other requirement.

The Conveyor Guards can even be designed to incorporate retractable idler roller frames.

Access to the idler frame can be simply done via the removal of a single guard.

Light Weight

Compared to conventional steel guards, our conveyor guards are a light-weight solution being up to 40% lighter. The usual weight of a standard 1050mm x 1000mm guard can be as low as 6kgs. All our designs are made to be 15kg or less to minimise heavy lifting and ensure that installation and removal is a one-person job.

Each panel has a weight marked on it to ensure personnel are well informed before they begin work. Height analyses can also be done to minimise overhead lifting.

Simple Design

The Conveyor Guards focus on ease of access. Each guard can be removed in a matter of minutes with simple tooling for quick and easy access to the guarded conveyor.

Our installation system is designed to be simple, quick and easy. It's as simple as sliding the guard into place and fastening 2 bolts so the guard cannot be removed. No complicated instructions or special skills are required. During maintenance shutdowns, our guards can be safely secured on the conveyor handrails. This is to ensure that they are out of the way and reduces the likelihood of the guards being misplaced.

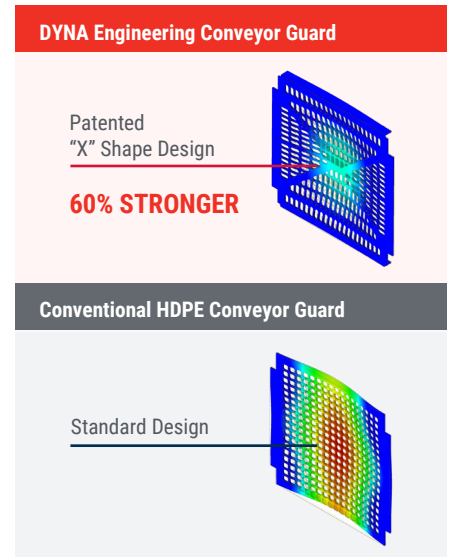
Size adjustments can be made with a jigsaw on site with no hot works required.

Robust

DYNA Engineering's Conveyor Guard's design is engineered to be robust and impact-absorbing, suited to heavy duty mining applications and stand the test of time.

Our patented "X" shape design increases the guard's strength substantially when compared to standard square mesh guards. This means our guard has reduced deflection and is well above the minimum Australian standard to ensure that your personnel are kept safe.

The diagrams demonstrate the deflection differences between a conventional HDPE Conveyor Guard versus DYNA Engineering Conveyor Guards. Our patented* X-shaped design, amongst other design aspects, allows our conveyor guards to be up to 60% stronger.



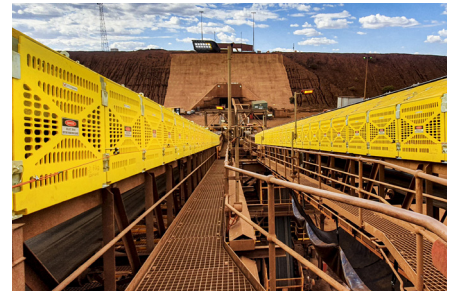
Short Lead Time

DYNA Engineering Conveyor Guards are Australian made, manufactured in Perth, Western Australia. Typically, a replacement guard for an existing conveyor can be manufactured in as short as a couple of days. This is a competitive lead-time when compared to potentially weeks or months if sourced internationally. Lead-times will vary, depending on the scope of the work.

Benefits Overview

Your maintenance personnel have been heavily considered in the design process as almost no maintenance is required. Manufactured in Australian Standard AS2700 Y14 Golden Yellow and UV stable, the guards require no painting, are fade resistant and corrosion free. *Other colours are available upon request.*

Benefit	DYNA Engineering Guards	Conventional Steel Guards
Impact Absorbing	✓	—
Doesn't Interfere with Metal Detectors	✓	—
Light Weight (Less than 7kg per sqm)	✓	—
Minimised Overhead Lifting	✓	—
Marked Weight on Panel	✓	—
No Repainting Required	✓	—
Corrosion Free	✓	—
Manufactured in Colour	✓	—
UV Stable	✓	—
Fade Resistant	✓	—
Can be Removed in Less than 1 Minute	✓	—
Only Simple Tools Required	✓	—
Convenient Storage	✓	—
Made from Recyclable/Recycled HDPE	✓	—



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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