



# CAPABILITY STATEMENT

Brain Industries is a Newcastle-based manufacturer developing safety equipment for industry in Australia and worldwide.

Brain's category range:

- pneumatic pumps,
- stone dusters,
- protection barrier for hydraulic systems rupture
- conveyor products and
- emergency refuge chambers





## PNEUMATIC PUMPS & ACCESSORIES

For when you need to pump material like sludge or slurries with solids or in locations that conventional pumps simply can't reach. You can convey large volumes of materials whether dry sand or thick mud in the most challenging conditions including underground, offshore and confined spaces. This makes Brain's pumps a favoured solution for oil and gas and mining, and well adapted for shipping, marine, and agriculture.

- Mudskipper
- Air Loader 300
- Air Loader 500
- Tanker – 6 Cubic Metres
- Dewatering Chute

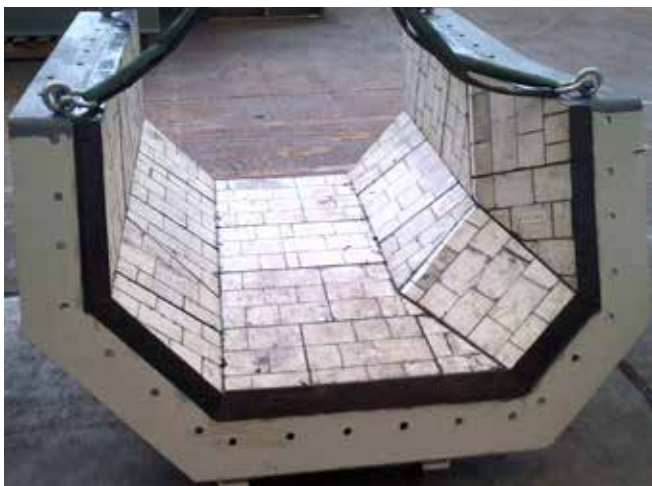
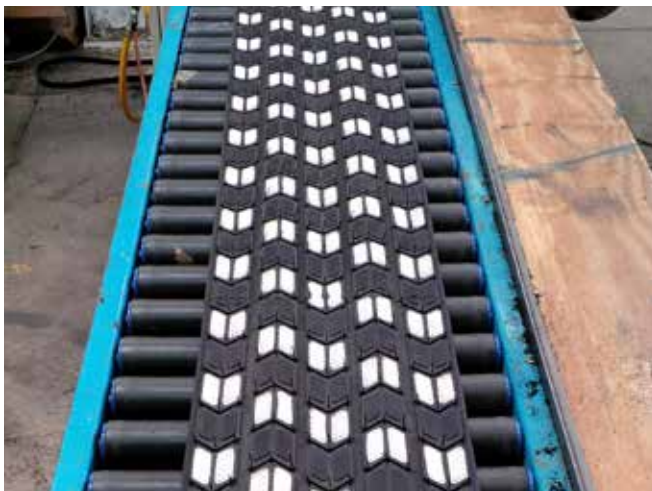


## STONE DUSTERS

Brain's mobile and fixed stone dusting units address safety in underground coal mines by minimising risk of explosion. Brain stone dusters use patented Mudskipper jet-pumps to pump a minimum of one bag per minute, over 30-plus metres, with a trajectory that enables mine roof dusting in high-velocity ventilation areas.

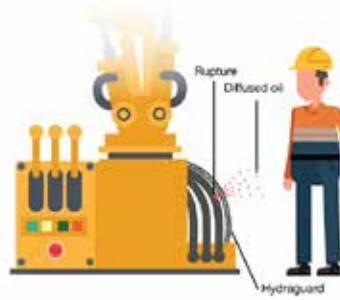
- Handheld Spear Duster
- Mini Duster – Portable unit, designed for 25NB air supply, continuously discharges stone dust 30 metres or more via a 38NB stone dust hose.
- Maxi Duster - This compressed air unit is designed to discharge stone dust over 100 metres plus. The hopper has a more than 15-bag capacity with a lid secured by chain to keep contents dry.
- Set and Forget Stone Duster – A standard Brain Maxi Duster with same design and operation benefits but with a hopper extension, lid and a simple reliable factory set-timer mechanism.
- Barrier Bags
- Flinger Duster
- POD
- 150-Tonne Silo
- Wet Dusting



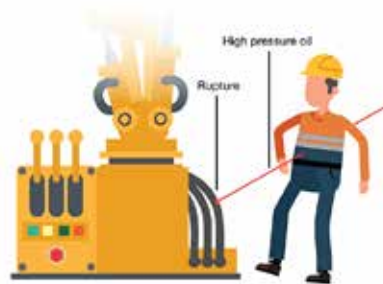


## HYDRAGUARD PROTECTION BARRIER – HYDRAULIC SYSTEMS RUPTURE

### WITH HYDRAGUARD



### WITHOUT HYDRAGUARD



## CONVEYOR PRODUCTS

- **Pulley Lagging**

Brain manufactures lagging for all Australian conditions.

- Ceramic/Rubber for drive/non-drive pulley with rubber-backing for optimum grip to pulley – low wearing
- Polyurethane for non-drive with rubber-backing – low wearing
- Hot Cast Polyurethane – factory-fitted non-drive – low wearing
- Rubber – drive/non-drive entry level

- **Protection Liners**

- Poly Liners
- Ceramic liners

- **Belt Scraper Tips**





### EMERGENCY REFUGE CHAMBERS

Brain manufactures hard rock and coal emergency refuge chambers for partner Strata Worldwide Australia Pty Ltd. Brain chambers can house from four to 30 people, and provide breathable air, light and amenities underground for up to 36 hours.



**Brain Industries engineers custom-designed solutions to industry problems and works on multi-product large projects for individual mines and companies. Brain both sells and hires manufactured equipment.**



We welcome your enquiries