



Spray Bars & Air Knives

Improved Safety
Fast & Easy Assembly
Long Lasting Life





DYNAFastFit® Spray Bars

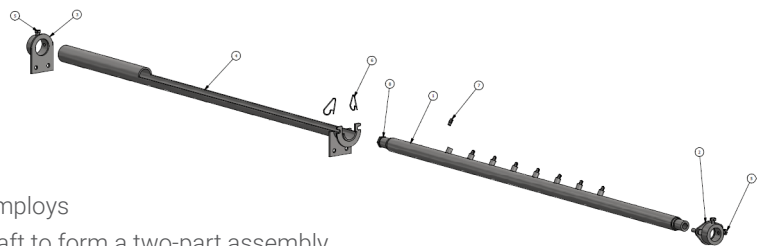
A spray bar is a pipe arrangement with several spray nozzle fittings used to disperse a liquid, usually water, in a desired pattern to assist with cleaning the conveyor belt or suppressing dust particles.

When used in a belt cleaning application, the spray bar is normally located between the primary and secondary scraper and is designed to position the spray nozzles in the most effective position in relation to the conveyor belt surface. DYNAFastFit® Spray Bars can be designed for a vast range of applications, flow rates and supply pressures.

Retractable Shaft

DYNAFastFit® Spray Bars have a unique design that employs a fully retractable spray bar mounted in a stationary shaft to form a two-part assembly.

With the stationary shaft remaining in its location, the bar can be removed by disconnecting from the water supply and removing two clips. The bar can then be retracted from the stationary shaft in a matter of seconds.



Features

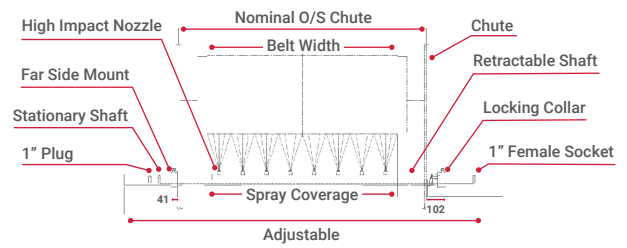
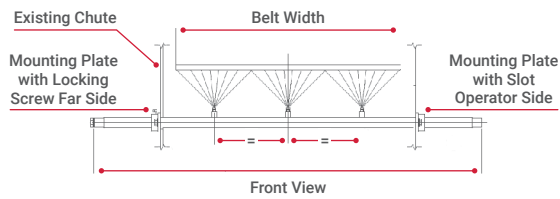
Out-of-Chute
Maintenance

No need for
Confined Space
Permits or Scaffolding

Fast and Easy
Assembly
& Disassembly

Improved safety
for maintenance
personnel

Optimised Conditions
leads to more
thorough Maintenance



Benefits

Safer Maintenance

When the spray bar is removed from the stationary shaft, maintenance can be performed in a safe and ergonomic location. This allows maintenance personnel to quickly remove any sediment build up from the pipe. Maintenance personnel are able to unblock any clogged nozzles from outside of the chute.

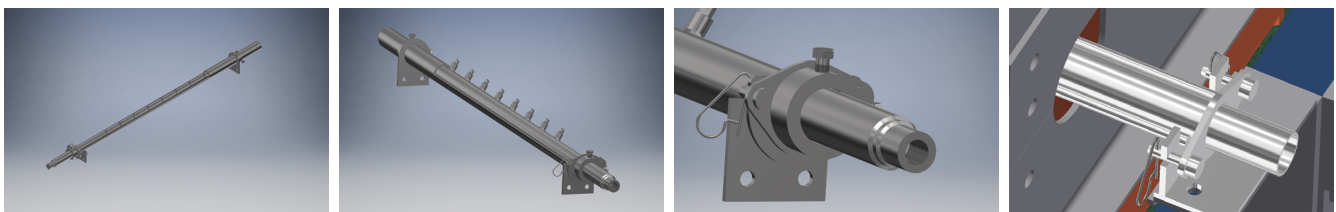
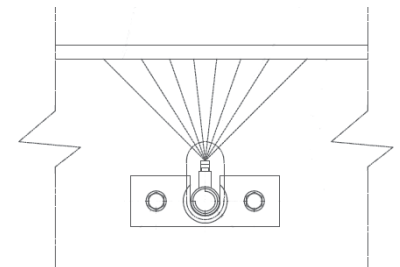
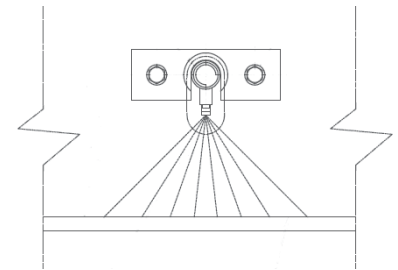
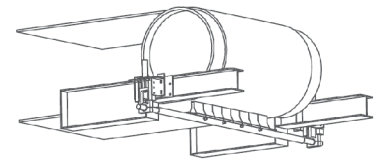
DYNAFastFit® Spray Bars can simply be returned to their original position, with water supply connected and returned to operation. As this can be done safely while the conveyor is running, there is no need to wait for the next shutdown, ensuring cleaning efficiency is maintained and carryback is kept to a minimum throughout the production cycle.

Tough and Built to Last

DYNAFastFit® Spray Bars are made from stainless steel for a tough, long-lasting solution. Our bars will not rust, corrode or become subject to paint damage and are designed for non-potable water sources including high salinity water and recycled process water. Their long lasting service life reduces the need for ongoing costly replacements.

No Need for Stoppages

The spray bar can even be safely removed and returned to its original position while the conveyor is running without the need for highly skilled labour. There are no tools required to remove the bar and no need to remove any guards. The opening created when the bar is removed complies with AS 4024 Safety of Machinery.



Other Applications and Uses

DYNAFastFit® Spray Bars can also be used in dust suppression applications. When dust forming materials are aerated or exposed to moving air streams, particles can be separated and carried away in the air. Spray bars can be an effective solution to reduce the amount of dust pollution.

The Spray Bars wet the surface material, or atomise water or other solutions into the air, to capture the dust particles. Loading points, chutes, crushers and screens and material discharge points are typical locations where dust is generated.

DYNAFastFit® Air Knives

DYNAFastFit® Air Knives are used to clean belts by delivering an air stream across the belt to blow away fine dust particles. Usually used for difficult to remove or fine dust materials, DYNAFastFit® Air Knives are fitted instead of scrapers or other types of cleaners.

They are normally located in the secondary scraper position.

Care should be taken to ensure the chute has sufficient ventilation to allow the air flow from the air knife to be adequately vented.

DYNAFastFit® Air Knives cater for various applications, duties, air flows, spray patterns and are available in stainless steel construction.



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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