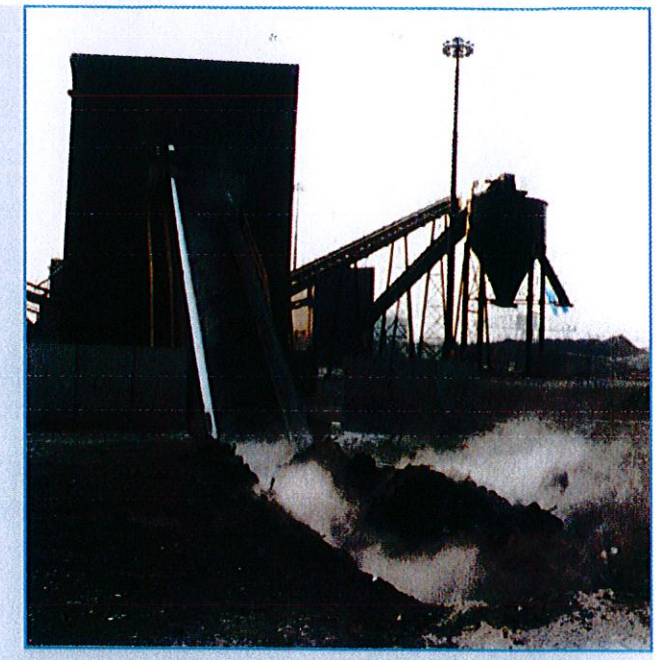
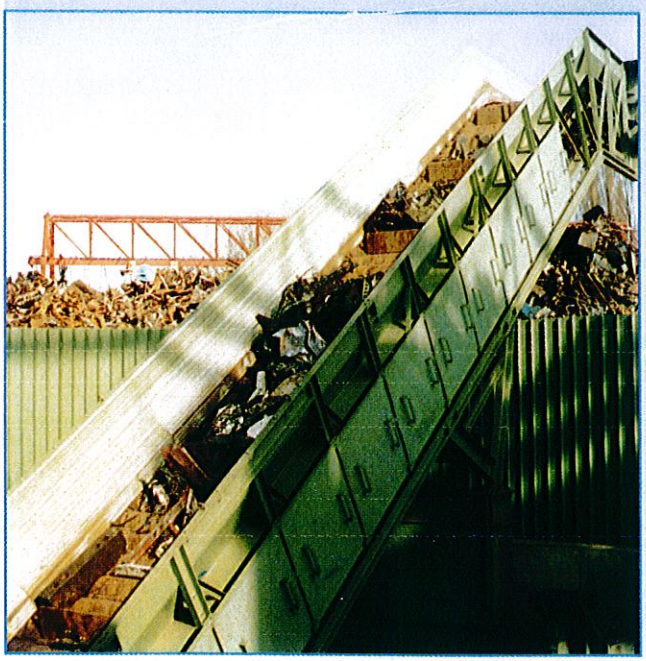
STEEL BELT CONVEYORS FOR THE RECYCLING INDUSTRY

mayfran INTERNATIONAL

Solid waste processing

Ash handling





Scrap processing

Recycling facilities

mayfran INTERNATIONAL

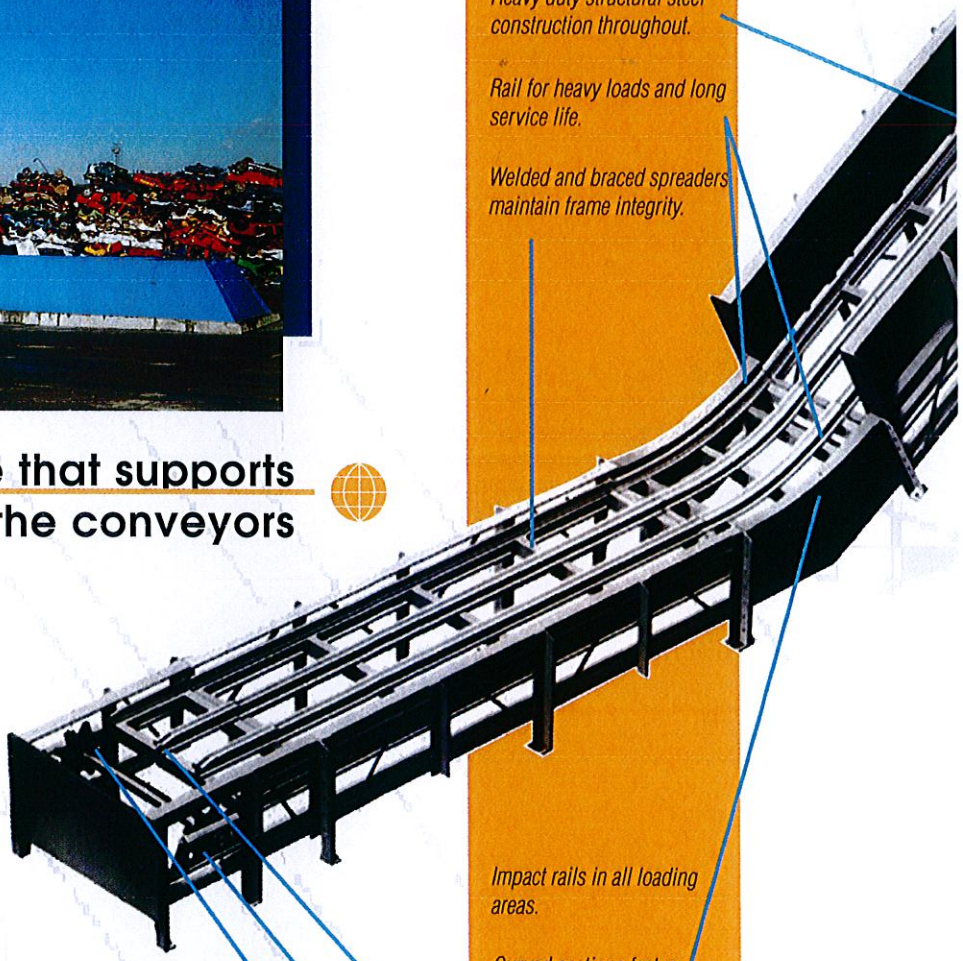
INTERNATIONAL

SCRAP PROCESSING CONVEYORS

. . . for the toughest requirements

Infeed conveyor to a 5000hp shredder (UK)

The frame that supports the conveyors

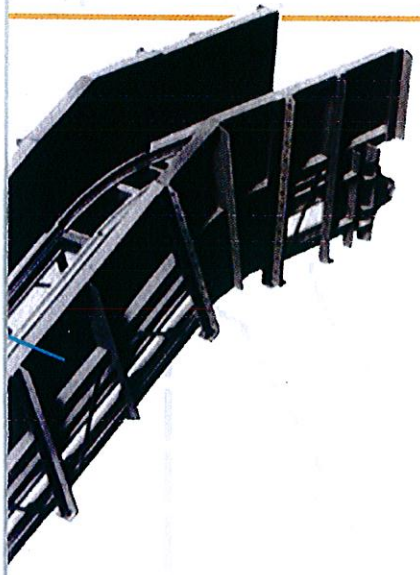


- Heavy duty structural steel construction throughout.
- Rail for heavy loads and long service life.
- Welded and braced spreaders maintain frame integrity.
- Impact rails in all loading areas.
- Curved sections feature heavy-duty, precision roll-formed tracks.
- Removable tail cap section for ease of belt assembly.
- Easily accessible belt take-up adjustments.
- Drive and take-up sprockets ride on shouldered shafts for assured belt tracking.

Swivelling discharge conveyor from a 1000t scrap shear (Germany)

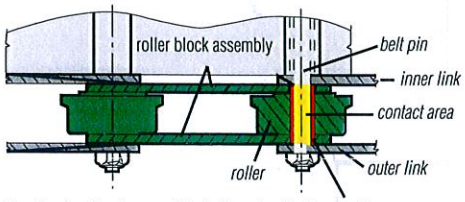
SOLID WASTE AND RECYCLING

. . .conveyors for large volume handling

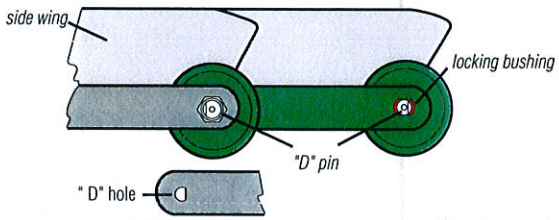


Infeed conveyor to a municipal solid waste processing facility (UK)

Chain design is the key link to longetivity



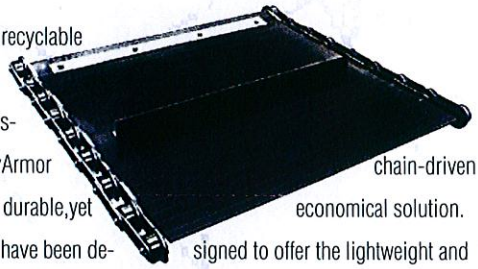
Locking bushing is press fit into the roller block assembly.
" D" holes in the outer link mate with "D" pins positive contact.



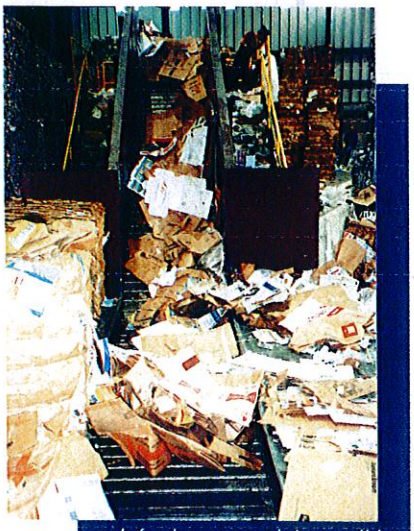
Reduced effects of relative motion - key in extending chain life

Relative motion and the related friction action that takes place at the joint between chain side bars and pins is the key factor causing chain wear. In fact, chain experts universally agree that joint pressures are inversely proportional to chain life. Many competitive chains are designed so that some relative motion can take place between the side bars and pins. This causes higher wear at the pin and chain links. Mayfran chains, however, are designed so that relative motion is avoided to minimize wear and increase chain life.

PolyArmor belting



For moving recyclable materials over long distances, PolyArmor chain-driven belts offer a durable,yet economical solution. These belts have been designed to offer the lightweight and low-friction advantages of synthetic belting - with excellent load carrying capacity and assured belt tracking.

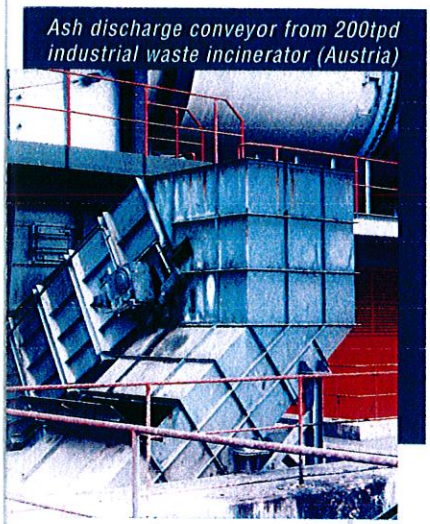


Infeed conveyor into a solid waste baling plant (USA)

mayfran INTERNATIONAL

ASH HANDLING CONVEYORS

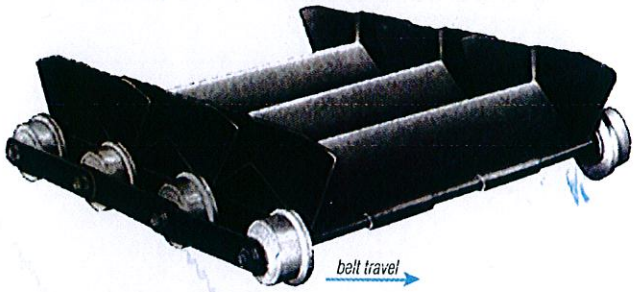
. . . for high reliability demands



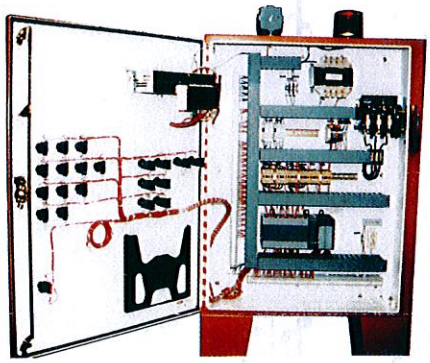
Ash discharge conveyor from 200tpd industrial waste incinerator (Austria)

Heavy duty A-pan belt

for thoughest requirements and highest impact resistance.



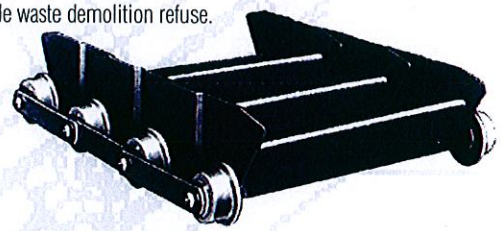
State-of-the-art controls



Can be provided according to specific customer requirements to be properly integrated in the overall plant control system.

Overlapping Z-pan steel belts

These ruggedly designed belts offer ultimate performance for high impact, or unpredictable loading conditions for materials such as curbside waste demolition refuse.



Double-beaded steel belting

A common alternative for ash handling conveyors. Can be reinforced for better impact resistance.

Ash discharge conveyor from 100tpd industrial waste incinerator (The Netherlands)