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FREDERICK CROWTHER AND SON LTD



EST 1955

# Scrap Type Conveyor

Used for conveying large solids be it finished product or waste handling.



“Reliable swarf  
and coolant  
management”

## Applications

Most commonly used in the waste handling, it will be used for bailed and briquetted material or scrap such as off a laser machine.

- ⦿ Central processing
- ⦿ Intermediate process conveyors
- ⦿ Scrap metal yards
- ⦿ Off shore applications
- ⦿ Pressing, Stamping machines
- ⦿ Laser plasma cutting machines
- ⦿ CNC Saws



EST 1955

# Scrap Type Conveyor

Conveyor Length  
Width and height designed to customer specifications & application

Heavy duty belt with hardened pins & rollers



Specifications	Details	Scrap Conveyor
Chain Pitch	3" Hollow Bearing 4",6"	Standard Optional
Conveyor Casing	3mm Mild steel 5mm, 8mm	Standard Optional
Width – Maximum	800mm	Standard (3" Chain)
Width – Minimum	210mm	Standard (3" Chain)
Depth	250mm	Standard
Discharge height	1200mm 1200mm – 10000mm	Standard Height can be increased depending on application (1000mm – 10000mm)
Motor	1.1kW Can be increased to suit application.	Standard Optional
Gearbox	Helical geared	Standard
Filtration (µm)	Not applicable	Standard
Control Panel	Forward/Jog Reverse/E.Stop Timer Touch screen plc	Standard Optional Optional

Paint  
All conveyors are supplied finished to suit the customers colour specification.  
Our finish is Powdercoat



## How it works...

The Hinged Belt, Slat Type Conveyor comprises hinged steel slats built up to form an endless belt complete with cross flights, which are welded at intervals on the completed belt to assist material conveyance to final discharge point.

The conveyor belt is carried on hollow bearing roller chain with hardened rollers. The conveyor belt is incorporated in a fully welded, mild steel casing. The width, depth, length and height of the conveyor can be made to suit customer requirement. The conveyor is driven by an externally mounted motor assembly incorporating a slipping clutch mechanism or with direct drive or even variable speed drive.

Customer has the option but general preference is for the either the slipping clutch type drive mechanism or direct drive as this has been proven over many years.

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