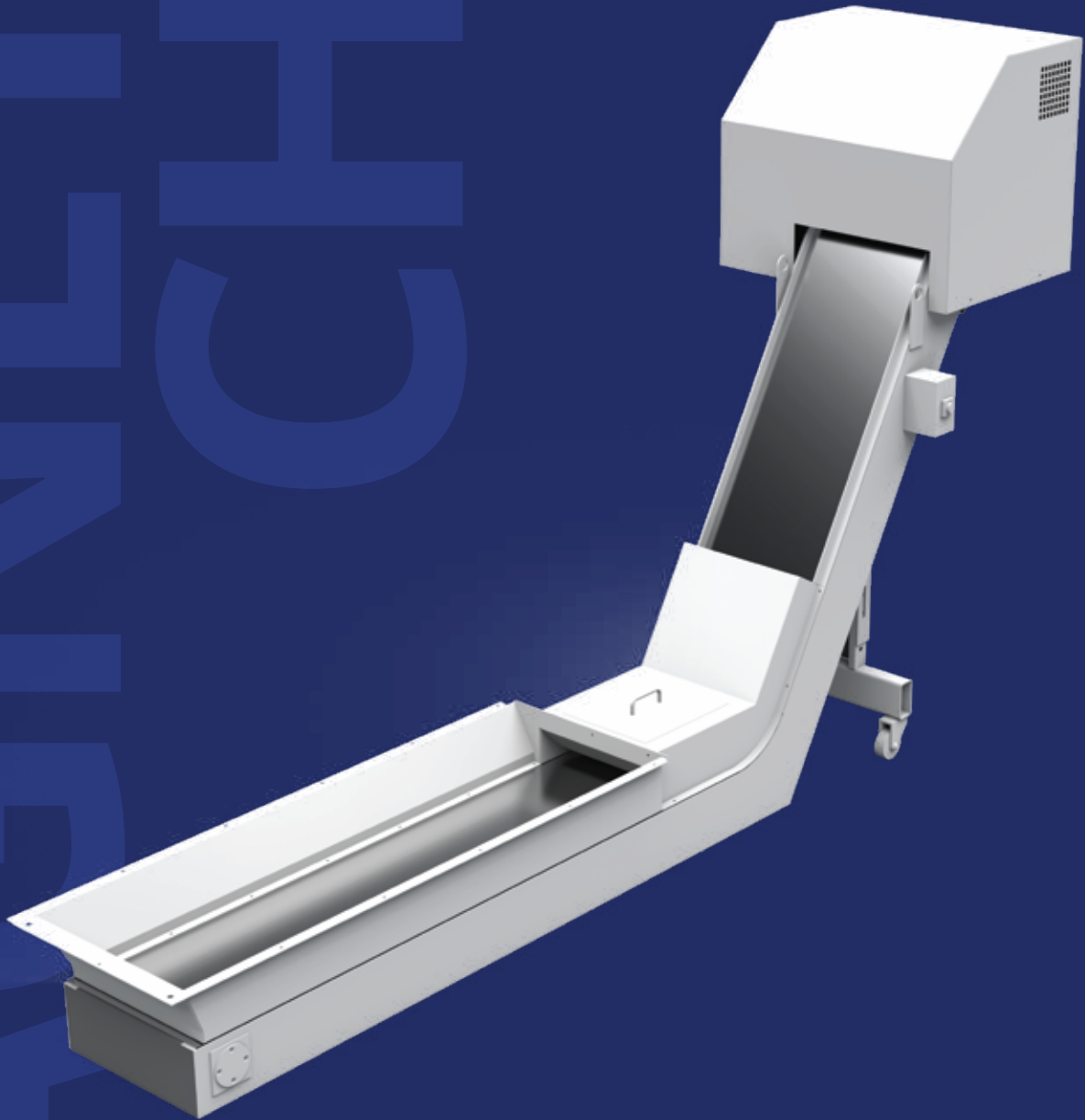


FREDERICK CROWTHER AND SON LTD

CROMAR

EST 1955



Advantages

- ✓ Suitable for CNC lathes and machining centre applications
 - ✓ Ideal for the management of small ferrous materials in general machining applications
 - ✓ Enclosed case - No exposure to swarf/chips and coolant
- ...plus many more

Magnetic Chip Conveyor

Assists in the removal of Swarf from Machine Tools or Slugs / Punches from presses.

www.cromar.co.uk

Magnetic Chip Conveyor

Swarf Conveyor

FREDERICK CROWTHER AND SON LTD

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How it works

The conveyor incorporates sequential running magnets attached to a hollow bearing roller chain mounted below a stainless steel skin. The belt is driven by an externally mounted motor drive. Coolant on wet applications cannot penetrate below the Stainless steel skin, and the coolant discharges through a pinch point tunnel leaving the swarf attached to the stainless skin. Swarf then inches up the incline becoming dry, discharged off the neck of the conveyor upon demagnetization in to an optional swarf bin.

Magnets are manufactured from Strontium Ferrite Ceramic material magnetised to saturation remanence (3700). They are capable of the continuous handling of ferrous materials within general machining applications under normal operating conditions.

A range of productivity enhancements are available including integrated coolant tank, coolant pumps and machine control interface as well as any special requirements requested by the customer.

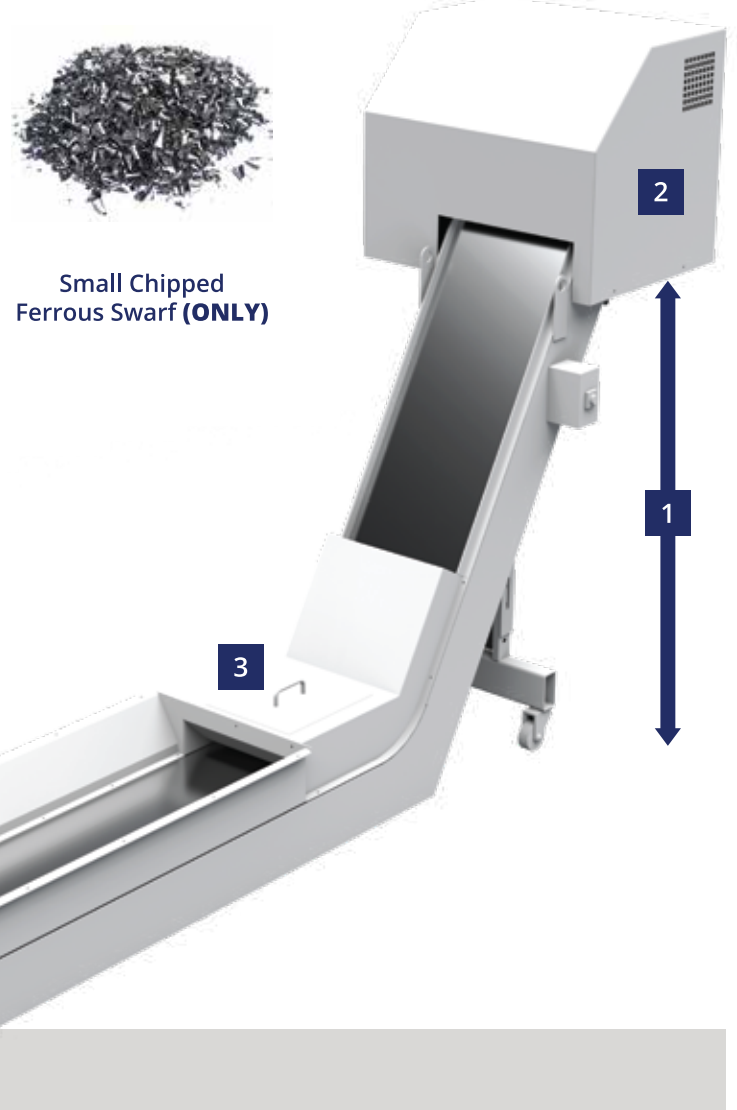
Additional Features

1. Increased discharge height
2. Colour
3. Coolant tank

Image for illustration purposes only

Suitable Swarf Types

Suitable for handling the below swarf types:



Features and Benefits

- ✓ Suitable for CNC lathes and machining centre applications
- ✓ Ideal for the management of small ferrous materials in general machining applications
- ✓ Enclosed case - No exposure to swarf/chips and coolant
- ✓ Minimal maintenance
- ✓ No wear

Principal Applications

- ✓ Vertical machining centre
- ✓ Horizontal machining centre
- ✓ Lathes
- ✓ Mill-turn/Multi-tasking machine
- ✓ Five axis machines
- ✓ Specialist Machines