



EST 1962

Magnetic Conveyor - M1

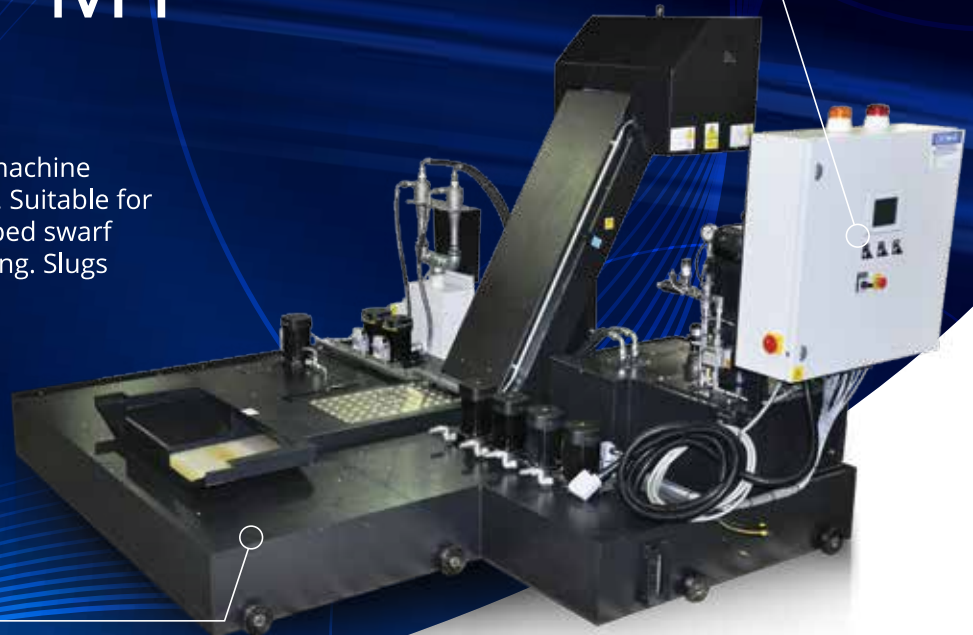
Application

Used for the removal of swarf from machine Tools or slugs/punches from presses. Suitable for Handling ferrous material only. Chipped swarf Cast iron, wet and dry Swarf processing. Slugs produced from presses/punches.

- Horizontal machining centres
- Vertical machining centres
- Multi-Tasking machines
- CNC Turning centres
- Special purpose machine tools
- Scrap metal

All conveyors are supplied painted to suit the customer's colour specification.

Simple to use controls



| Specifications | Details | Cromar Series I |
|-------------------------|--|---|
| Chain Pitch | 1½" Hollow Bearing | Standard |
| Conveyor Casing | 2.5mm Mild steel 3mm | Standard Optional |
| Stainless steel skin | 2mm | Standard |
| Width - Maximum | 700mm | Standard (1½" Chain) |
| Width - Minimum | 210mm | Standard (1½" Chain) |
| Depth | 180mm | Standard |
| Depth - Minimum | 160mm | Optional |
| Discharge height | 850mm-1000mm 1000mm - 10000mm | Standard Height can be increased depending on application (1000mm - 10000mm) |
| Motor | 0.25kW, 5.66RPM Can be increased to suit application. | Standard Optional |
| Gearbox | Helical geared | Standard |
| Filtration (µm) | Located in coolant tank Box/weir filtration - Optional Plate filtration - Optional | Standard Optional - refer to Swarf management |
| Control Panel | Forward/Jog Reverse/E.Stop Timer Touch screen plc | Standard Optional Optional |

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How it works...

The conveyors incorporate sequential running magnets attached to hollow bearing roller chain, driven by an externally mounted motor assembly. Swarf is moved along a stainless steel skin, which protects and seals the magnets against coolant and oil contamination. When the magnets approach the swarf discharge point, they move away from the stainless steel skin, thus decreasing their influence on the swarf, allowing it to drop into the collection receptacle.



Fully welded, mild steel casing.

Can be built to suit your individual needs.

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