



EST 1962

Series III Swarf Conveyor

Application

Series III conveyors are essentially two conveyors in one. Free standing units, they are a totally integrated solution for both swarf management and coolant filtration, suitable for fine swarf, and both short and long chips of aluminium, brass, steel, and cast iron. Offers versatility for the customer who varies materials that are being machined.

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



Offers excellent versatility

Specifications	Details	Cromar Series III
Chain Pitch	1½" Hollow Bearing	Standard
Conveyor Casing	2.5mm Mild Steel	Standard
Case Width – Maximum	1000mm	Optional
Case Width – Minimum	260mm (not allowing for tank)	Standard
Case Depth – Belt conveyor	120/97mm	Standard
Case Depth – Scraper conveyor	130mm (not allowing for tank)	Standard
Discharge height	850mm-1000mm 1000mm +	Standard Height can be increased depending on application (1000mm – 10000mm)
Motor (Zoff supplied to drive both slat belt and scraper)	0.25kW, 5.66RPM Can be increased to suit application.	Standard Optional
Gearbox	Helical geared	Standard
Filtration (µm)	Rotary drum - 240µm 100µm 400µm	Standard - SS mesh filter Optional Optional
Control Panel	Forward/Jog Reverse/E.Stop Timer Touch screen plc	Standard Optional Optional



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How it works...

Incorporating the heavy duty 1.5" pitch steel hinged slat type belt and the 1.5" pitch steel scraper type belt within the same conveyor casing, still incorporating the self cleaning rotary drum filtration system.

Both coolant and swarf enter the conveyor by deflector chutes ensuring that no swarf or coolant escapes onto the surrounding area. Generally the belt type conveyor will handle a large percentage of the swarf produced and will convey the swarf into a suitable collecting receptacle as a standard conveyor would.

However should there be small chipped swarf or particles of swarf present they will pass through the belt conveyor and will be deposited to the base of the conveyor where the drag type conveyor will collect and remove the swarf as standard.

All coolant will pass through the self-cleaning rotary drum equipped with a removable stainless steel filter media offering initial filtration of 240 microns. To ensure that the filter media maintains a consistent filtration level and coolant throughput there is an internal backwash system that continually blasts coolant from within the drum as the drum rotates.

Media free filtration.



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