

Powered Roller Conveyors 10Ft / 20Ft

Features:

- Comprise of powered roller beds with full width 133mm diameter steel rollers mounted in fabricated frames.
- Rollers are supported with self-aligning bearings bolted between two rolled steel channels which project 50mm above the top of the rollers to form side guides.
- The gap between rollers on conveyor deck can be fitted with infills to provide operator access where required
- Bi-directional for flexibility and redundancy



Description:

Powered roller conveyors are an integral part of any air cargo handling system. They are normally supplied in 10ft sections, but can be made in bespoke sizes to suit requirements. Each section is powered by a 1.1kw brake motor. BDP specialize in providing bespoke control systems to integrate as required.

Specifications:

Photoelectric sensors are installed at each end of the decks to control safe freight movements (Using BDP designed control systems).

The drive motor is supported on a drive assembly framework bolted under one of the side members with adjustment for the drive chain.

A simple method of disconnection is provided to release the motor/gearbox brake in the event of supply failure.

Technical Data:

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| Load Capacity | < 6,800kgs per 10ft section, <13,600kgs per 20ft |
| Roller diameter | 133mm |
| Transfer Speed | 18 metres per minute (60ft/minute) in both directions |
| Power Drive | 1.1kW braked electrical motor and gearbox chained via sprockets to the rollers. |