ACS ADVANTAGE: *PROVEN TECHNOLOGY*

INFEED PUSHER

DESCRIPTION

- **The Infeed Pusher is used to move a load from the end of a conveyor to a perpendicular conveyor or adjacent device. When the load is positioned and the downstream conveyor is clear, the pusher bar raises and moves forward. The load is squared and pushed to the adjacent conveyor.**
- **With the addition of sheet grippers, Infeed Pushers are used to transfer loads onto slip sheets or pallets.**
- **Infeed Pushers can be operated manually or integrated into an automatic conveyor system. A control console is provided to safety functions, manual operation and selection of automatic modes of operation.**

FEATURES

- **1.5 HP drive protected by a friction clutch.**
- **Conveyor drive belt extends into the pusher chamber.**
- **Individual chain take-up idlers.**
- **Removable chain guards**
- **Pre-wired drive motor, safety lockout switch and rotary limit switch.**
- **Pusher bar is fitted with machined UHMW plastic blocks to ensure complete transfer of the bottom sheets of the load.**
- **Made with precision CNC plasma cut and punched components.**

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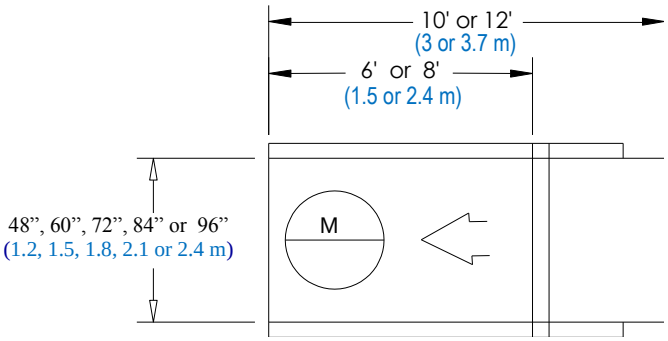
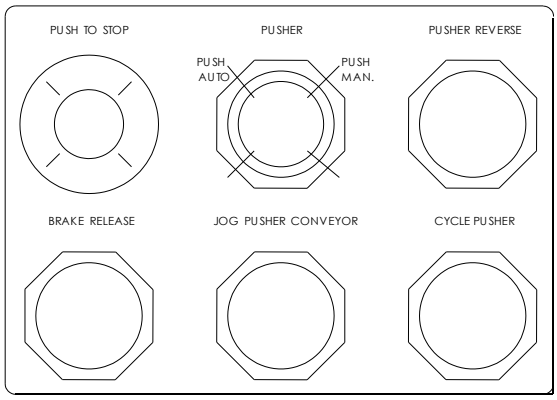
INFEED PUSHER

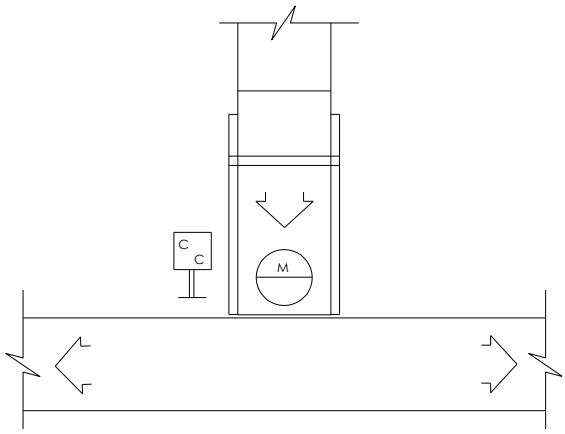
LAYOUT DIMENSIONS



TYPICAL CONTROL CONSOLE LAYOUT



TYPICAL INFEED PUSHER LAYOUT



This typical layout *(above)* illustrates the use of an Infeed Pusher to convey loads from a machine discharge to the Mainline.

This typical control console *(left)* is used as a manual override intersection control station. Located at the intersection for easy access, it contains manual override controls. Numerous types of priority intersection controls are available and their controls can be additions to this control console.

SPECIFICATIONS

Compatible Conveyors:	Compatible with most center-belt driven or side-belt driven conveyors: Roller Conveyor (RC), Powered Live Roller Conveyor (PLR), and Powered Live Roller Accumulating Conveyor (PLRA).
Between Frame Widths:	72" (1,828.8 mm)
Top of Roller Elevation:	12" Standard (305mm)
Load Rating:	3,500 lbs per unit (1,588 kg per unit)
Pusher Head Speed:	57 FPM (17.4 MPM)
Product Construction:	Rugged 5" (128 mm) structural channel side frames. Floating frame is welded steel construction.
Drive Components:	1.5 HP totally enclosed, fan-cooled, three-phase induction motor transmitting power through #60 roller chain and sprockets. ***24-Volt Controller available at no additional cost.***
Rollers:	2-1/2" (64 mm) diameter x 11 gauge high-strength, corrosion-resistant Flo-Coat® galvanized steel tubing manufactured by Allied Tubing & Conduit placed on 3" (76 mm) centers.

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