

ACS ADVANTAGE: *STRENGTH AND DURABILITY*

HYDRAULIC CENTERING DEVICE



DESCRIPTION

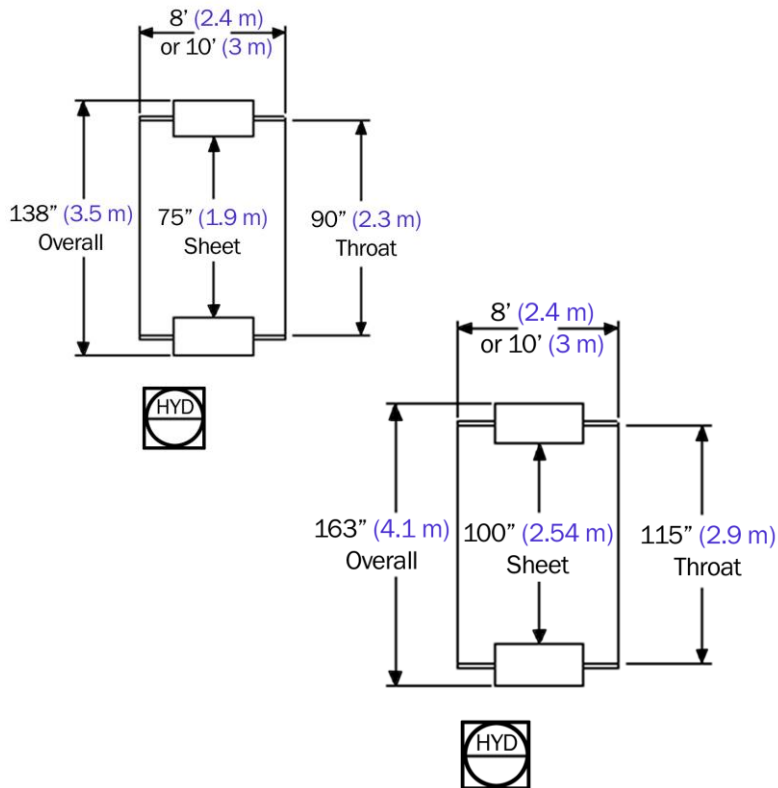
- The Hydraulic Centering Device centers and squares unit loads on the conveyor bed. The centering plow mechanism simultaneously moves the two opposing heads toward the center of the conveyor bed. An oil-filled hydraulic shock absorber controls the pressure applied to the centering plows.
- The conveyor bed rollers are heavy-duty chain-driven rollers. The bed rollers consist of 3" (76 mm) diameter schedule 40 pipe rollers which include a 1" (25 mm) diameter cold-rolled steel shaft mounted in sealed flange bearings located on 4" (102 mm) roll centers.
- The Hydraulic Centering Device is a self-contained unit consisting of a centering device, hydraulic power unit, operator control console and control panel.

FEATURES

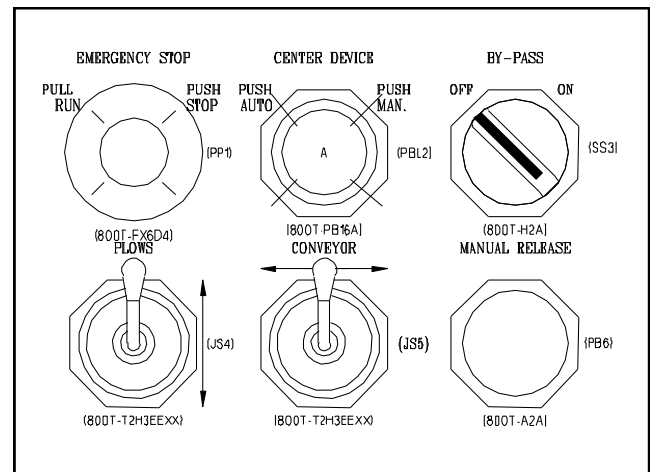
- 5 HP external hydraulic power supply
- Individually adjustable chain guides optimize service life.
- Collapsible plows with scalloped heads extend below roller surface to work with either palletized or non-palletized unit loads.
- Hydraulic piping configured to allow power supply installation on either side of conveyor.
- Removable chain guards.
- Pre-wired safety lockout switch, control panel and operator control console.
- Made with precision CNC plasma cut and punched components.

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LAYOUT DIMENSIONS



TYPICAL CONTROL CONSOLE LAYOUT



This typical control console (Above) is used as a manual override control station. Located on the operator side of the device for easy access it contains both emergency stop and manual override controls.

SPECIFICATIONS

Conveyor and Module Widths:	Overall Module Width 138" (3.5m) 163" (4.1m)	Conveyor Bed Throat 90" (2.3m) 115" (2.9m)	Maximum Sheet Width 75" (1.9m) 100" (2.54m)
Standard Lengths:	8' 0" and 10' 0" (2.4m and 3m)		
Top of Roller Elevation:	12" Standard (305mm)		
Load Rating:	5,000 lbs per unit (2,268 kg per unit)		
Conveyor Speeds:	Variable 0 to 100 FPM (0 to 31 MPM)		
Control Options:	Automatic by electromechanical sensor or manual by operator-actuated pushbutton or foot switch.		
Power Supply:	5 HP external hydraulic power unit. 24-Volt Controller available at no additional cost.		
Rollers:	3" (76 mm) schedule 40 pipe chain-driven rollers with 1" (25 mm) diameter shafts mounted in flange bearings placed on 4" (102 mm) roll centers. Corrosion-resistant galvanized steel.		
Centering Heads and Plows:	Driven by #60 roller chain and sprockets and guided by cam rollers. Incorporates a hydraulic cylinder mechanism to advance and retract.		