

PROSORT 1400 LP

Hytrol's ProSort 1400 LP is specifically designed to handle large parcel applications where product diverting needs to be both positive and gentle.

1400 LP FEATURES

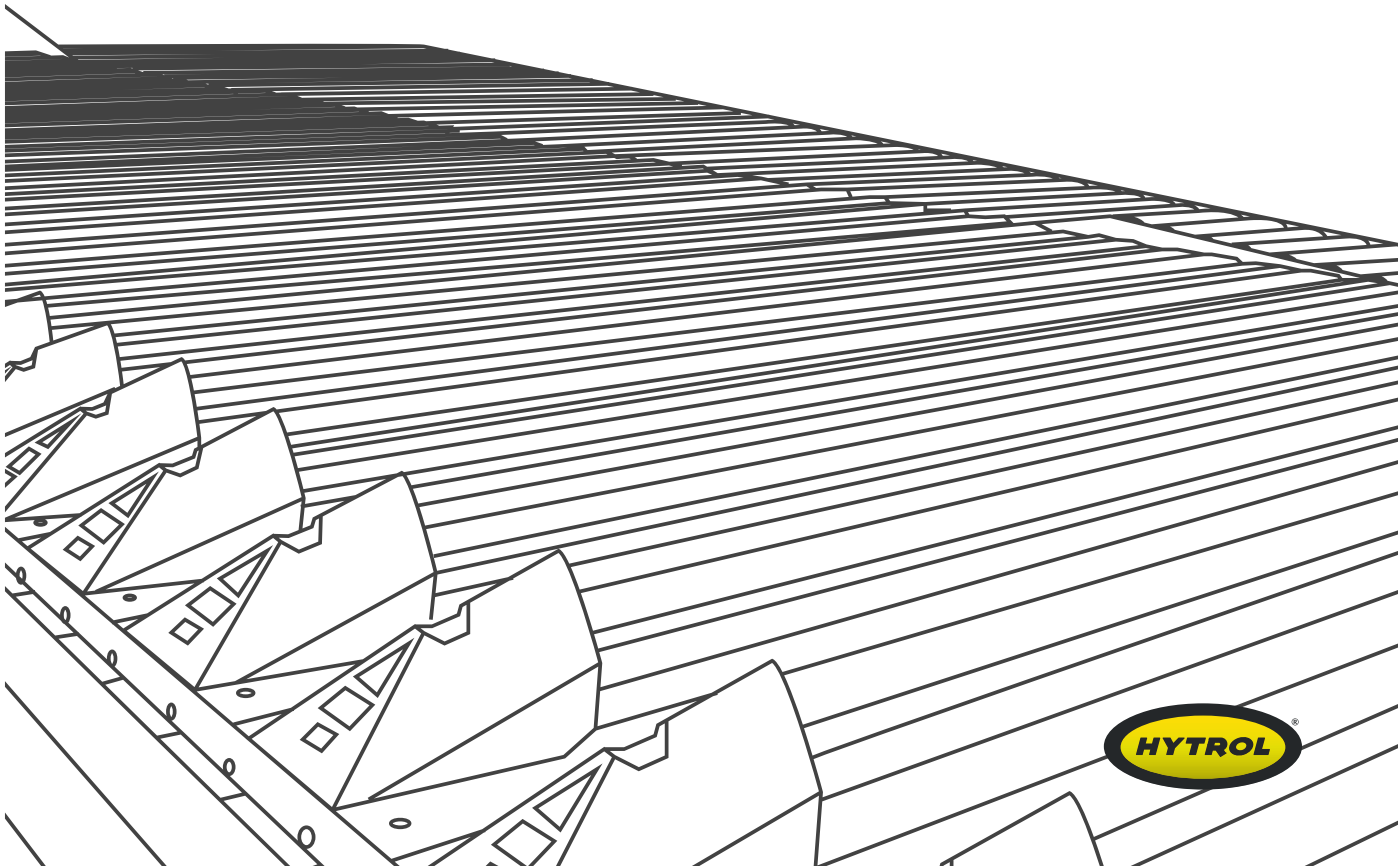
- Break-away shoe design
- Heavy-duty chain cover
- Low friction slats
- Aluminum extruded chain rail
- High-visibility side channels
- HD slat extrusion
- Raised profile HD shoe

MODEL SPECIFICATIONS

Divert angle	Sorts products at an 18 degree angle
Speed	Up to 350 fpm
Max. product weight	150 lbs.
Max. product weight	75 lbs. per ft.
Min. product size	12" x 6"

HIGHLIGHTS

- High sort rates
- Continuous bearing track
- Plug-N-Go® wiring
- Sealed lubricated carrying chain
- Center shoe design
- High-efficiency gearmotor
- ProLogix® & ProLogix Plus controls
- Minimum gap anodized overlapping aluminum slat



DIVERT SWITCH

- Divert angles: 18 degree
- Pneumatic, using RPT technology
- Raised profile HD shoe for increased strength and contact with product
- Low friction slat reduces coefficient of friction
- HD extrusion for more robust cross section
- Easily removed for service and maintenance
- Overhung slat bushings for minimized divert transition
- Rubber isolators for quiet operation and ease of maintenance
- Quick change divert assembly design which minimizes sorter downtime

PROLOGIX CONTROLS

- Programmable logic controls package from induction point through divert confirmation including sorter diagnostics
- Plug-N-Go wiring for simple, quick, and trouble-free installation

FLIGHT ASSEMBLY

- Anodized aluminum slat design
 - Provides product support and full coverage
 - Minimal gaps with overlapping slats and clean-out feature
 - Simple slat-to-chain installation
- Divert shoes
 - Break-away shoe allows closer product gapping
 - Low-friction, molded shoe with high-friction pusher face
 - Steel guide pin for switching
 - Ball bearing cam follower for diverting
 - Center design
 - Jam resistant shoe design for tight spacing resulting in increased carton rate
- Carry chain
 - Dual strands of No. 100 pre-lubricated o-ring roller chain equipped with precision bearings and extended pins
 - Runs on a continuous polyurethane bearing track for low horsepower requirements, high speed, and long life

DRIVE

- Shaft-mounted gearmotor mounted at the discharge end on the opposite side of diverts.
 - High-efficiency gearmotor
 - 230/460 V-3 phase 60 HZ
 - Keyless design
 - Variable speed controller provides a range of speeds to meet current demand

CHAIN COVER AND DIVERT RAILS

- 10 ga. steel cover for slat hold down
- Aluminum extrusion chain support rails provide quick bed alignment
- Aluminum extrusion divert rails with slide-in ultra-high molecular weight cushion for smooth diverting



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