

PROSORT 1100 SERIES

Hytrol's ProSort 1100 family of sorters is a high-speed solution for a variety of small items ranging from envelope flats and poly bags to fragile and ultra-light products. Dual-sided sorters offer positive diverting from both left- and right-hand sides.

NEW TO THE 1100 SERIES

- Break-away shoe design
- Heavy-duty chain cover
- Wrap-around shoe design
- Electric solenoid switch
- Aluminum extruded chain rail
- Slat cleanout feature
- High-visibility side channels

MODEL COMPARISON

	1121	1131
Divert angle	Sorts products at a 22 degree angle	Sorts products at a 30 degree angle
Speed	Up to 450 fpm	Up to 350 fpm
Max. product weight	50 lbs.	50 lbs.
Max. product weight	25 lbs. per ft.	25 lbs. per ft.
Min. product size	4½" long	4½" long

The ProSort 1122 and 1132 offer dual-sided sortation.

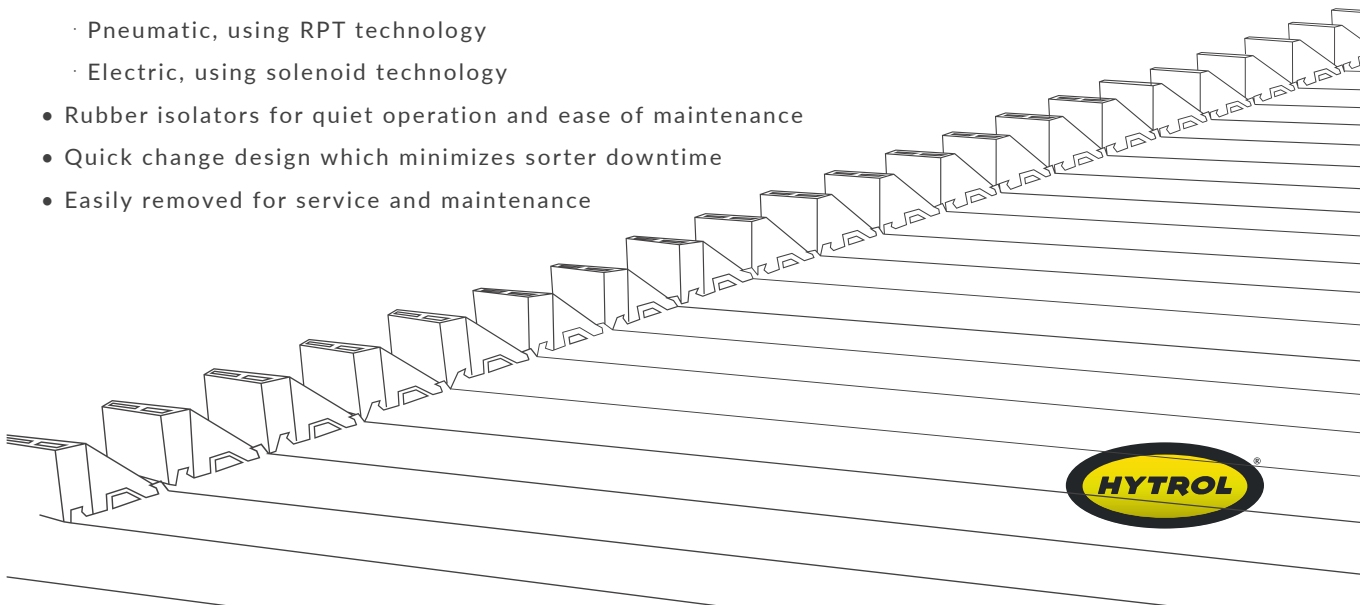
HIGHLIGHTS

- High sort rates
- Continuous bearing track
- 2 optional divert switches (pneumatic or electric)
- Plug-N-Go® wiring
- High-efficiency gearmotor
- ProLogix® & ProLogix Plus controls
- Minimum gap anodized aluminum slat
- Wrap-around shoe design
- Capable of 450 fpm
- Sealed lubricated carrying chain
- Integrated induction conveyor

FEATURES & BENEFITS

DIVERT SWITCH

- Optional divert angles: 22 degree and 30 degree
- 2 high-speed divert switches
 - Pneumatic, using RPT technology
 - Electric, using solenoid technology
- Rubber isolators for quiet operation and ease of maintenance
- Quick change design which minimizes sorter downtime
- Easily removed for service and maintenance



PROLOGIX CONTROLS

PROSORT 1100 SERIES

- 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
 - Simple slat-to-chain installation
 - Cleanout feature
- 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
 - Wrap-around design
 - Jam resistant shoe design for tight spacing resulting in increased carton rate
- Carry chain
 - Dual strands of No. 60 pre-lubricated o-ring roller chain equipped with precision bearings and extended pins
 - Runs on a continuous bearing track on top 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 hertz
 - Keyless design
 - Variable speed controller provides a range of speeds to meet current demand

INTEGRATED INDUCTION CONVEYOR

- Auto-tracked belt directly driven from sorter at same speed
 - Consistency in feeding sorter
 - Accurate product induction

CHAIN COVER AND DIVERT RAILS

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

