

PROSORT SS

U.S. PATENT 6,533,099

SYSTEMS • SOLUTIONS • SERVICE

The ProSort SS is Hytrol's newest model in the ProSort line and features a right-angle sortation solution to sort standard poly bags, blister packs and small packages weighing less than 8 pounds. The aftersort module can be used with the sorter to divert products on single or dual levels to the left or right.

HIGHLIGHTS

- Dual-sided, dual-level setup conserves space and provides low-cost installation
- Servo-driven sweep protects your products
- Single-or dual-level chutes
- ProLogix® controls make for a quick installation process
- Modular divert banks are easily expanded and maintained
- Full profile paddle handles a wide range of products

STANDARD SPECIFICATIONS

Rate:

- Single-level/dual-level non-concurrent: 85 PPM
- Dual-level concurrent: 24 PPM

Capacity:

Maximum unit package weight: 8 lbs.

Package size:

<u>Minimum</u>	<u>Maximum</u>
Length: 4 in.	Length: 12 in.
Width: 4 in.	Width: 12 in.
Height: 1/2 in.	Height: 4 in.

Belt:

100AMT10 Timing Belt

Servo motor:

48 VDC, absolute positioning

Timing belt pulley:

AT10 machined aluminum



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STANDARD SPECIFICATIONS - AFTERSORT

Air cylinder:

- 1-1/2 in. bore, 2 in. stroke, double acting

Air requirements:

Working pressure 35 psi (dual-level only)

Air consumption .004 ft³ per cycle per after sort

Air valve:

- 4-way single solenoid, 24 VDC

Part verification sensor:

- Diffuse, 8 beams, 24 VDC, LED

Tote sensor:

- Retroreflective, 24 VDC, LED

Weight chart:

Divert Locations	1	2	3	4	5	6
Single level/single-sided	419	728	1038	1347	1657	1966
Single level/double-sided	478	846	1215	1583	1952	2320
Dual level/single-sided	487	864	1242	1619	1997	2374
Dual level/double-sided	614	1118	1623	2127	2632	3136

Optional equipment:

- ProLogix® control package
 - Provides complete controls for proper sorter operation
 - Contact Hytrol's Electrical and Controls department at 870.935.3700 for details
- Dual level chute design
 - Provides additional divert lanes to save space and installation cost

