

REXNORD® 6990 HYB SERIES MATTOP® CHAIN PUSHER

A BREAKTHROUGH AUTOMOTIVE SOLUTION



KEY INDUSTRY: Automotive

KEY APPLICATION:
Long conveyors with frequent load variation or heavy loads

CONTACT YOUR ACCOUNT MANAGER OR A FLATTOP APPLICATIONS ENGINEER

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Rexnord FlatTop continuously develops new conveyor products that meet the performance demands of the marketplace. In addition to reliable vehicle handling, automotive plants can benefit from the Rexnord 6990 Hybrid (HYB) Series MatTop Chain Pusher, which improves line efficiency and worker safety.

Designed for Automotive Applications

In applications with long runs or heavy loads Rexnord 6990 HYB MatTop Chain is recommended. If pushers are needed to define the tact between vehicles being conveyed, we recommend the the 6990 Series HYB Pusher.

Customized for Your Application

The 6990 HYB Pusher is available for Hybrid 4 (H4™) and Hybrid 8 (H8™) Chain Series, in black and yellow polymer, or in flame retardant polymer meeting DIN 4102-B1 (DIN EN 13501) standards according to insurance and local fire brigade demands.

The DIN pusher is molded to a height of 1.5 inches (38.1 mm). The distance between

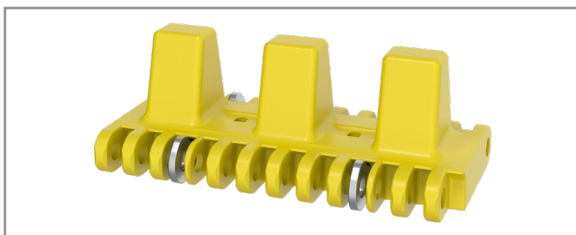
consecutive rows with pushers can be defined according to your application.

The 6990 H4 and H8 Series MatTop Chain Pushers are designed to combine the quality of conventional in-floor plate top conveying systems with the ease of Rexnord MatTop Chain plastic modular construction.

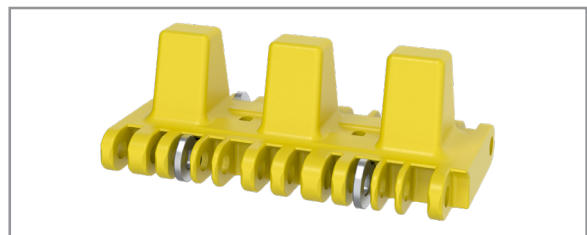
Key Advantages of the Rexnord 6990 H4 and H8 Series MatTop Chain

- Stainless steel structure eliminates slip-stick effect for smooth operation in all applications
- High stiffness and strength allow systems to perform without tail drives on ultra-long conveyors up to 656 feet (200 m)
- Minimum chain elongation during loaded operation allows compact conveyor construction, resulting in reduced frame height while maximizing overall conveyor length

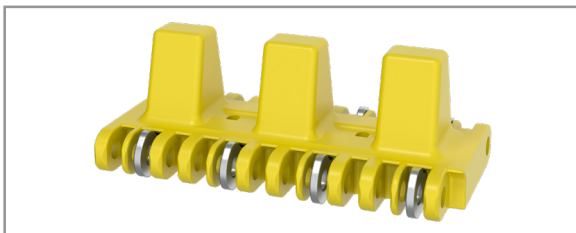
PUSHER OPTIONS



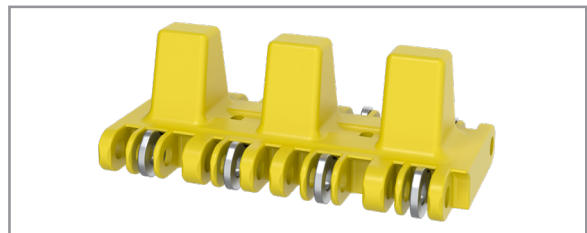
POM (YSM) H4 Hybrid Pusher



FR-PA H4 Hybrid Pusher



POM (YSM) H8 Hybrid Pusher



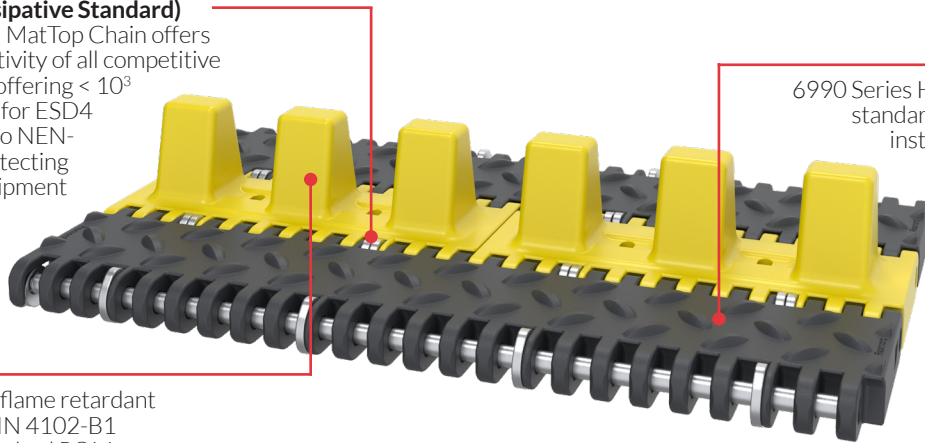
FR-PA H8 Hybrid Pusher

REXNORD® 6990 HYB SERIES MATTOP® CHAIN PUSHER

Rexnord 6990 HYB H4 MatTop Chain with a 1.5 IN Tall DIN Pusher Execution

ESD (Electrostatic Dissipative Standard)

The 6990 Series Hybrid MatTop Chain offers the lowest surface resistivity of all competitive plastic modular chains (offering $< 10^3 \Omega/\text{sq}$ for HYB and $< 10^6$ for ESD4 series chain, according to NEN-ENIEC 61340-4-5), protecting sensitive electronic equipment and providing a safe environment for workers.



Maintenance

6990 Series Hybrid Chain consists of one standard component, enabling easy installation. It operates virtually maintenance free without the need for greasing or tensioning the conveyor system.

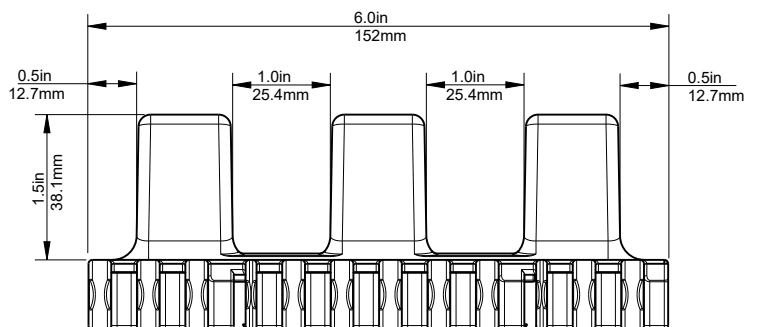
Meets Regulations

Pushers are available in flame retardant material according to DIN 4102-B1 (DIN EN 13501), or standard POM quality as required.

Chain Type	Working Load (max)	Weight	Backflex Radius (min)	Certification
	lbs/ft / N/m	lbs/ft ² / kg/m ²	in / mm	
6995 HYB H4	6,850 / 100.000	5.12 / 25.0	3.00 / 76.2	NEN-EN-IEC 61340-4-5
6999 HYB H4	6,850 / 100.000	5.20 / 25.4	3.00 / 76.2	NEN-EN-IEC 61340-4-5
6995 HYB H8	11,645 / 170.000	6.18 / 30.2	3.00 / 76.2	NEN-EN-IEC 61340-4-5 DIN4102-B1 (Bfl-s1)
6999 HYB H8	11,645 / 170.000	6.27 / 30.6	3.00 / 76.2	NEN-EN-IEC 61340-4-5
6995 ESD4	3,427 / 50.000	3.40 / 16.76	3.00 / 76.2	DIN4102-B1 (Bfl-s1) NEN-EN-IEC 61340-4-5
6999 ESD4	3,427 / 50.000	3.49 / 17.20	3.00 / 76.2	DIN4102-B1 (Bfl-s1) NEN-EN-IEC 61340-4-5

Values shown, refer to standard POM quality.

DIMENSIONS



Automation and Motion Control Regal Rexnord

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