

PERMA ROLL 150 - FAST

INDUSTRIAL HI-SPEED DOOR



Variable Speed Motor
Opens Door at 48"/second

NEMA 4 Control Box

Heavy-Duty 2-Ply
Curtain Fabric

72" High Light Curtains For
Improved SAFETY

Modular Curtain Design
Allows Sections to be
Replaced Independently

Simple Control Panel for
Reliability & Simple
Trouble-Shooting

Break-Away Bottom Bar is
Easily Reset After Impact



PERMA TECH INC.

YOUR SINGLE SOURCE FOR ALL YOUR LOADING DOCK NEEDS.

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PERMA ROLL 150 - FAST INDUSTRIAL HI-SPEED DOOR

Before entering into the hi-speed fabric door market we surveyed many door dealers and asked them which features were the most important to them. The general consensus was, make a high-speed door that is SIMPLE, RELIABLE, easy to use, easy to install and easy to troubleshoot.

High-speed doors have become so sophisticated, complicated and technically advanced that even some of the most experienced door technicians can have a difficult time diagnosing and troubleshooting some minor problems.

FEATURES

Perma Tech has taken much of the complexity out of our new PERMA ROLL 150 - FAST high speed industrial door. One look in our control panel and you will see that there are NO proprietary printed circuit boards. A simple, off-the-shelf PLC controller and several individual components handle all of the door's functions and operations.



Inside View Of Our Standard NEMA 4 Control Panel

We have recognized some of the great features that have been used in other high-speed doors throughout the years and combined them into one door that will provide you with a dependable "WORK-HORSE" high speed door for many years.



Our Bottom Bar No Longer Has The Problematic Coil Cord

Coil cords have long been a problem for high speed doors. They connect the bottom reversing edge to the motor/drive system. They can get caught on loads passing through the door opening. They can "bounce" in front of photo eyes causing false open cycles, and can present technicians with door trouble symptoms that are difficult to recreate depending on how the coil cord moves and flexes.

SAFETY

We have replaced the old fashioned air-tube type safety reversing bottom edge with a state-of-the-art emergency stop button in case of emergency. There is a self-cancelling "LIGHT CURTAIN" on both sides of the door opening that when it senses an obstruction in the light-field the door reverses. We believe that the door panel should not have to "come in contact" with an object or more importantly, a person in the door opening to reverse up to a "safe" position.

Of course, if you want the old air tube style of safety edge technology that is available as an option.

VARIABLE SPEED & TRAVEL LIMITS

Variable speed drive systems on high speed doors offer a great deal of flexibility. However, when an encoder system is used to electronically monitor door panel position once again it complicates things. Wires for these encoders must run in an isolated separate conduit from the power wires to prevent "interference" with the control wire signals. If power fails, sometimes encoders can "loose their place" and the door travel limit locations can get lost. This will not happen with our mechanical travel limits located directly on the front of the heavy-duty motor gearbox.



Heavy-Duty Motor & Gearbox

Whether you are looking for a rugged & durable high cycle, high speed industrial door, or a lower cost, low cycle fabric door, or maybe you just need a bug barrier door, consider the new line of Perma Tech Roll Up Fabric Doors.

Our new doors are just one more way that Perma Tech can help industries protect the controlled environment within their facilities.

Perma Tech is dedicated to manufacturing superior products.

We strive to be responsive and consistently satisfy our customers' requirements.