

# Posidrive M&I

The Ultimate in High Speed Doors

**ALBANY**  
DOOR SYSTEMS  
A company of Albany International Corp.



**Extreme Performance  
in Extreme Conditions**



# Posidrive M&I. The toughest, most reliable high speed underground door.

From the world's largest manufacturer of high speed industrial doors.

For ventilation control and wind resistance in the harshest mining and underground applications, Posidrive M&I delivers uncompromising reliability. You'll save on maintenance cost and productivity without compromising safety or operational efficiency.

## Higher Performance – Lower Costs

Patented Posidrive mechanism enables the door to open and close in extreme winds and high pressures.

- **Windlok Design** – Near airtight seal controls ventilation and minimizes the transfer of debris.
- **Optional windbars and straps** give additional wind and pressure resistance.
- **Thick 1/4" structural steel side frames** – lasts longer in demanding applications.

## Forgiveness in Unforgiving Environments

The Posidrive M&I helps you avoid unplanned downtime from accidents or harsh environments.

- **Posidrive mechanism** – tensioning system ensures rapid open and trouble-free close in winds of up to 88 mph and pressure differentials up to 3.5 w/g.
- **Heavy duty steel side frames** – withstands accidental impact, and rigorous environments.
- **UltraStrong curtain** – protects against temperature extremes from -40°F to over 180°F; chemical and corrosion resistant.

## Posidrive Applications

Mining Above and Below Ground

Distribution Facilities

Manufacturing Facilities

Government Facilities

Utilities

Limitless Options

## Keep Workers Safe and More Productive

Posidrive M&I helps reduce lost-time accidents and is easy to learn and operate.

- **Continuous Windlok Design** – protects workers from extreme weather and debris.
- **Mining Safety and Health Association (MSHA)- approved SBR rubber door** – flame retardant; puncture resistant; protects workers from accidental impact.
- **Infrared photo cells** – protect workers and equipment from accidental door impact.
- **BacTrac™ Soft Bottom Bar** – protects workers from even the slightest contact, which automatically reverses the door to the open position.

## Lower Total Cost of Ownership

The Posidrive M&I adds considerable value to your top and bottom line. You'll increase productivity, enhance safety, decrease maintenance, reduce lost-time incidents and improve workflow.

For a free demo, visit [www.albanydoors.com](http://www.albanydoors.com) and click the "Interactive Demo" button. See for yourself how the Posidrive M&I has the speed, reliability and safety to withstand the rigorous harsh underground environments like no conventional or high-speed door can.

## Posidrive Technical Information

Opening Speeds	
Counterbalanced Posidrive Systems	Up to 12" per second
Door Dimension	
Max. Height	14' (4,267mm)
Max. Width	16' (4,876mm)
Min. Height	8' (2,438mm)
Min. Width	6' (1,828mm)
Safety Features	
Photo Eye	Standard
Bottom Beam	Break-away, with automatic reversing edge
Door Panel	
SBR	2 layers of Styrene Butadiene Rubber (SBR) with polyester cord center. Breaking strength 1100lbs/in/ply
EPDM	Optional
Door Components	
Counterbalanced Posidrive Systems	Posidrive mechanism (tensioned) with 50,000 cycle torsion springs
Side Frames	Heavy-duty 7-1/2" x 5" x 3/16" steel with a width gauge and support arms simplified header installation.
Idler (size dependent)	4" diameter, .134" tube
Bottom Bar	Steel construction with break-away center
Manual Egress	Chain hoist
Control and Drive System	
PLC Controller	NEMA 4, CUL listed
Input Voltage	208 - 240V, 440 - 480V, 575 – 600V
Motor	Up to 2 HP, 20 amps
Limits Adjusted	From drive
Wind Resistance	
Continuous Windlok	Up to 20 psf, (88mh) (124Km/hr)
Posidrive Tensioning System	Working windloads up to 50 mph
Windbars & Straps	Optional

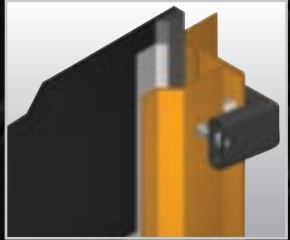
*We offer various options and actuation devices for all Albany High Speed Doors.*





### Heavy-Duty Construction

1/4" structural steel side frames and header; no aluminum



### Continuous Windlok Design

Resists high wind pressures and produces a near airtight seal



### Chemical and Corrosion Resistant

Painted with chemical and corrosion resistant coating



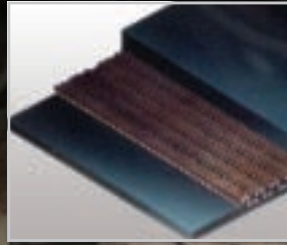
### Break-Away Bottom Beam

Can be reset quickly without special tools



### Programmable Logic Controller

Customizable, easy to operate and troubleshoot



### UltraStrong Curtain

Thick, 2-layer SBR and high tensile strength rubber panel has a lifetime warranty



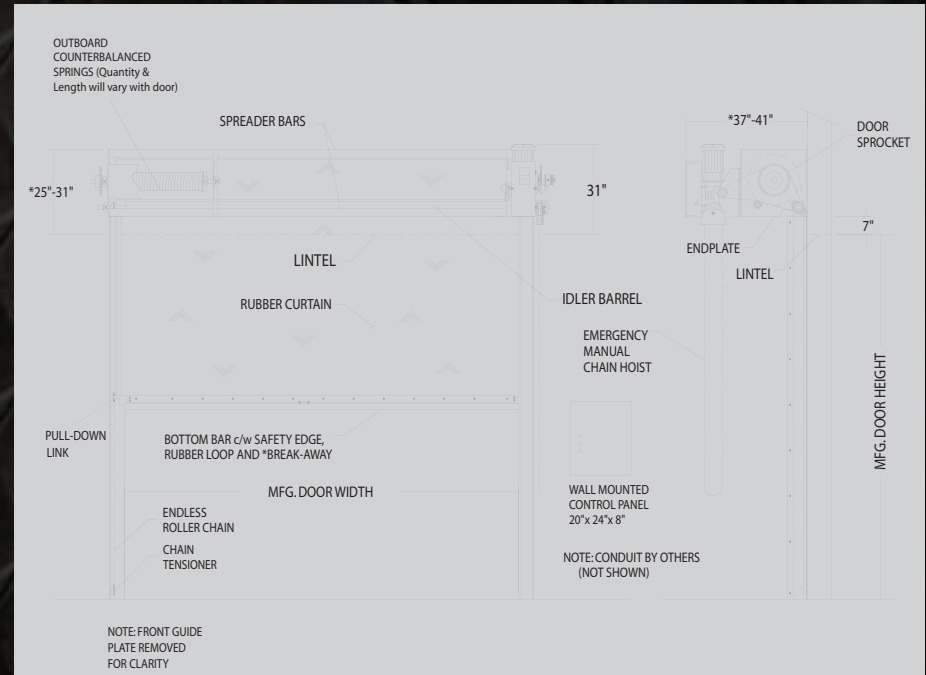
### Counterbalance System

Counterbalanced design uses patented PosiDrive mechanism to open and close the door



= Savings   = Lower Maintenance   = Increase Productivity   = Enhance Safety   = Increase Security   = Fast





**Underground Mining**

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