

# Ultra Big M&I

The Ultimate in High Speed Doors

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

**Big on Productivity  
and Savings**



# UltraBig M&I. The world's biggest, toughest and most reliable high-speed rubber door.

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

From forklifts to heavy equipment, the UltraBig M&I handles openings of over 30' x 30' with speed and reliability in the harshest environments. You'll save on maintenance and energy costs without compromising safety or operational efficiency.

### Higher Performance – Lower Costs

From installation to operation and maintenance, the UltraBig M&I delivers efficiency. Opening speeds of up to 12" per second eliminate compromise between speed and effectiveness.

Key features that ensure productivity and minimize maintenance costs include:

- **Counterbalanced design** – fast, smooth operation; springs increase the life of the drive unit
- **1/4" structural steel frame** – lasts longer; installs faster and easier
- **Heavy-duty** – engineered to cycle hundreds of thousands of times

### Forgiveness in Unforgiving Environments

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

It's like putting you in control of the uncontrollable with features including:

- **Heavy-duty steel frame** – withstands accidental impact, and rigorous environments
- **UltraStrong curtain** – protects against temperature extremes from -40°F to over 180°F; chemical and corrosion resistant
- **Gussets and Windlok design** – door functions in winds of up to 20 psf (88 mph); near airtight seal

## UltraBig Applications

- Mining
- Waste Management
- Manufacturing
- Transportation
- Distribution
- Limitless Options

### Keep workers safe and more productive

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

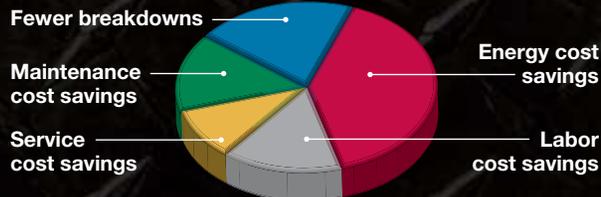
- **Fail-safe electric bottom edge** – slight contact automatically reverses the door to the open position
- **Inline through beam photo eye** – detects objects in the door way and safely reverses the door before contact
- **Programmable Logic Controller (PLC)** – customizable for a wide range of applications

### Lower total cost of ownership

The UltraBig M&I adds lifetime value to your top and bottom line. You'll increase productivity, reduce energy loss, decrease maintenance 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 UltraBig M&I has the size, strength, and reliability that stand the test of conditions where no other conventional or high-speed door can.

## ULTRABIG M&I ANNUAL COST SAVINGS



## UltraBig Technical Information

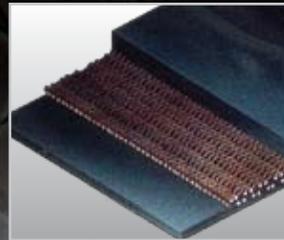
Opening and Closing Speeds	
Counterbalanced System	Opening up to 12" per second (size dependent)
Door Dimension	
Max. Height	35 ft. (10,688mm)
Max. Width	50 ft. (15,240mm)
Min. Height	> 30 ft. (9,449mm)
Min. Width	> 30 ft. (9,449mm)
Safety Features	
Photo Eye	Standard
Bottom Beam	Failsafe auto stop and reverse self-monitoring safety 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 System	100k cycle torsion springs
Side Frames	Heavy-duty steel painted with corrosion and chemical resistant coating
Idler	6 5/8" diameter, 1/4" wall thickness
Door Roll	12 3/4" diameter, 1/4" thick tube complying with ASTM A513. 16 5/8" diameter for wider doors
Bottom Beam	Steel construction
Manual Egress	Chain hoist
Hood	Optional
Windows	Optional - 10" x 18"
Control and Drive System	
Input Voltage	208-240 V, 440-480 V, 575 - 600 V
Motor	Up to 5-Hp, 3 phase, 60 Hz, 20 amps (depends on voltage and motor size)
PLC Controller	NEMA 4, CUL listed
Limits Adjustment	From drive
Protection	NEMA 4 / 12
Wind Resistance	
Gussets, Windlok & Guide System	Up to 20 psf, (88 mph) (124 km/hr)

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



### Chemical and Corrosion Resistant

Painted with chemical and corrosion resistant coating



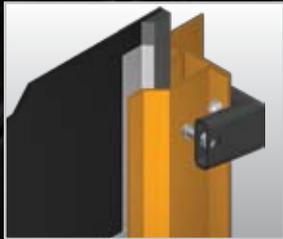
### UltraStrong Curtain

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



### Counterbalance System

Counterbalance system uses torsion springs for fast smooth operation



### Gussets, Windlok and Guide System

Door will resist wind loads of up to 20 psf (88 mph). Windlok & Guide System offers a near airtight seal



### Heavy-Duty Side Frames

Heavy-duty side frames and Windlok guide system resist high wind pressures



### PLC Controller

PLC Controller is customizable and easy to use (inside building)



### Photo Eye

Inline through beam photo eye keeps people and equipment safe from door contact



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



**Mining**



**Waste Management**



**Manufacturing**



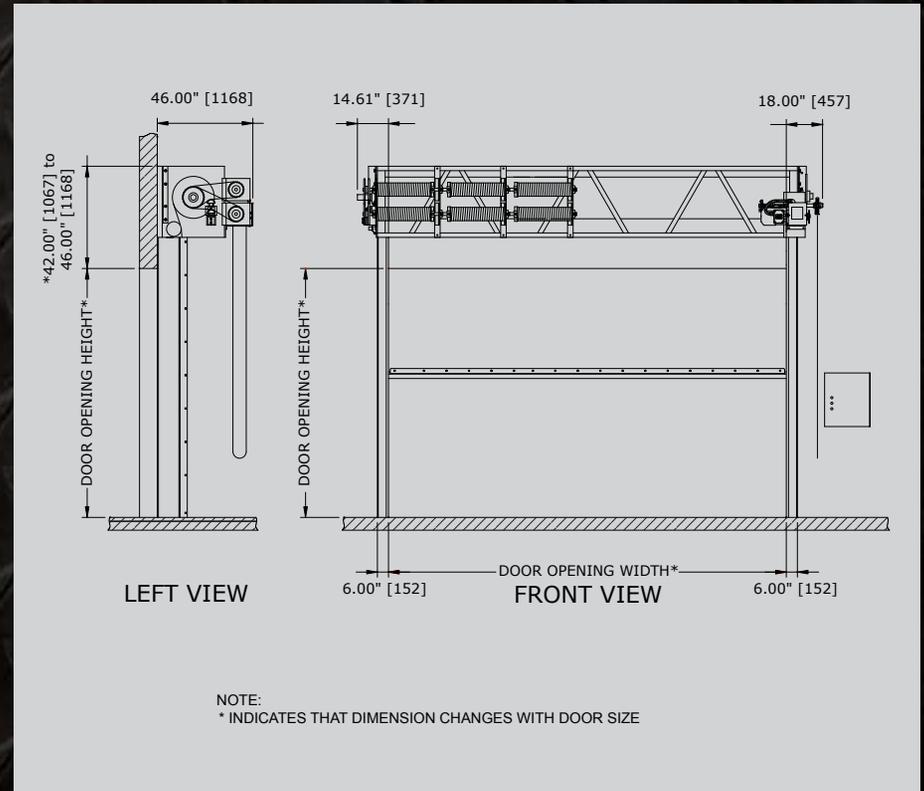
**Distribution**



**Manufacturing**



**Mining**



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