

# High Speed Doors ASSA ABLOY UltraBig

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in  
door opening solutions

Big on productivity  
and savings



# Tough performance for big openings

From forklifts to heavy equipment, the ASSA ABOY UltraBig high-speed rubber door handles openings as large as 50' x 35' with speed and reliability in the harshest environments.



## **Forgiveness in an unforgiving environment**

The ASSA ABOY UltraBig helps to avoid unplanned downtime, 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 and 80° F to 176° F; chemical and corrosion resistant
- Gussets and Windlok design – door functions in winds of up to 20 psf (88 mph); near airtight seal

## **Protect workers and enhance productivity**

The ASSA ABOY UltraBig helps reduce lost-time accidents and is easy to learn and operate.

- 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

## **Increase efficiency, lower cost**

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

- Counterbalanced design – fast, smooth operation; springs increase the life of the drive unit
- Structural steel frame – lasts longer; installs faster and easier
- Heavy-duty – engineered to cycle hundreds of thousands of times in rigorous environments.

# Technical information

## Opening speeds

Counterbalanced system      Opening up to 12 in/sec (size dependent)

## Door dimensions

Max height	35 ft (10,668 mm)
Max width	50 ft (15,240 mm)
Min height	30 ft 1 in (9,169 mm)
Min width	30 ft 1 in (9,169 mm)

## 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 MSHA curtain material. Breaking strength 1100 lbs/in/ply
EPDM	Optional

## Wind resistance

Continuous windlock      Up to 20 psf (128 mph)

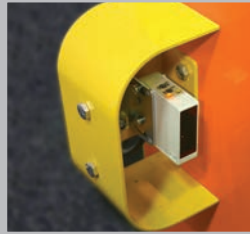
## Door components

Counterbalanced systems	50k cycle torsion springs
Side frames	Heavy-duty steel painted Optional - Corrosion and chemical resistant coating
Idler	6" diameter, 1/4" wall thickness
Door roll	12" diameter, 0.188mm thick tube complying with ASTM A513
Bottom bar	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 3.7 kW, 3 phase, 60 Hz, 20 amps
Limits adjustment	From Drive
Protection	NEMA 4/12, IP-56

*We offer various options and actuation devices for all high-performance door products*



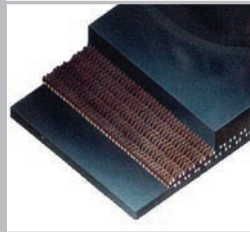
## Photo eye

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



## Heavy-duty side frames

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



## UltraStrong curtain

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



## Programmable Logic Controller (PLC)

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



## Gussets, Windlok and Guide system

Door will resist wind loads of up to 20 psf (128 mph). Windlok & Guide system offers a near airtight seal.



## Counterbalance system

Counterbalance system uses torsion springs for fast smooth operation.



ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. With our globally recognized product brands Besam, Albany and Megadoor, we offer products and services dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations. ASSA ABLOY Entrance Systems is a division within ASSA ABLOY.

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Technical data subject to change without notice.

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