

# ALL-RITE

DOCK & DOOR SYSTEMS INC.

For all the "Rite" Loading Dock Solutions

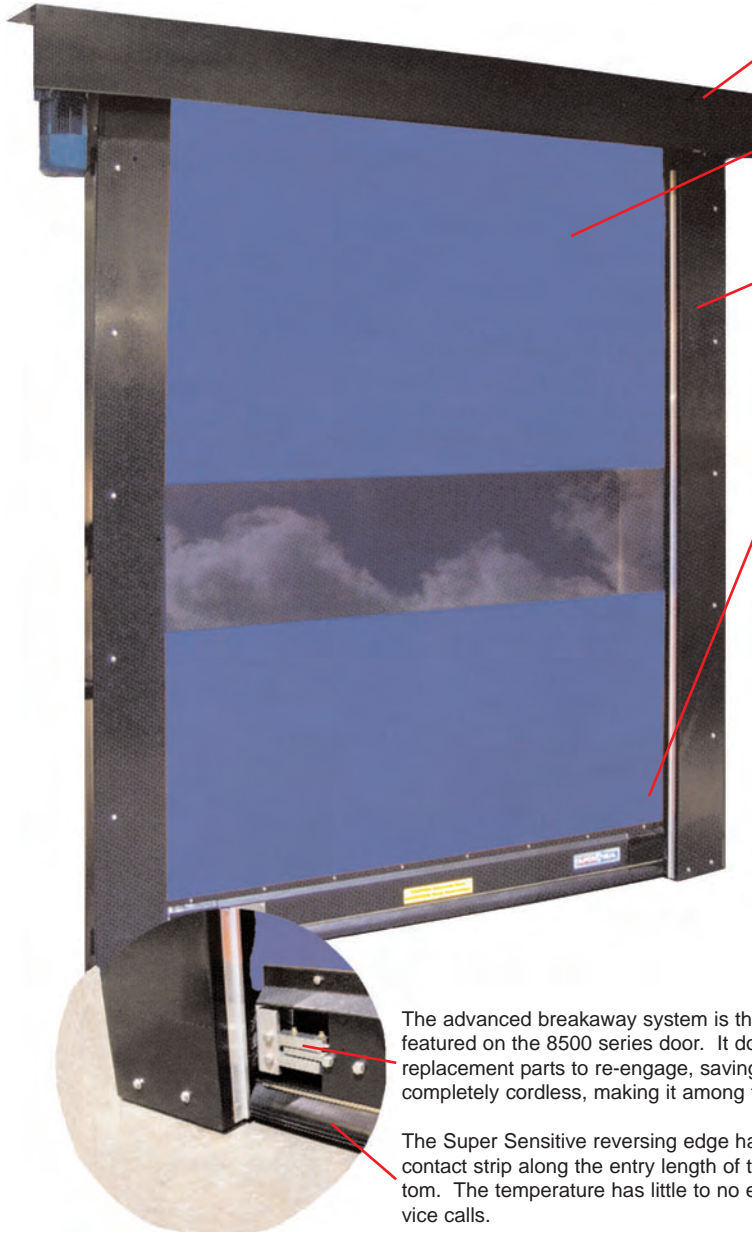
## Model 8500S Hi-Speed Vinyl Door



The heart of the 8500 Series TURBO DRIVE System is a Helical Gear Box with direct drive. No chains or clutches are used for superior reliability. We utilize German technology to deliver 2 or 3 horsepower (depending on the size of door) to operate at speeds up to 84" per second.



Unique to the 8500 High speed Doors is the "SUPER LOGIC" System, with power up and self diagnostic test door motion scan technology. Simply put, it shows the status of all individual devices mounted to the door. This results in less down time when servicing.



Full customer support program

Atmotuff fabric is Guaranteed for five full years

Heavy duty 11 gauge metal frame with baked on enamel finish

Wireless connection to bottom bar



The control panel is a Nema 4X non-metallic cabinet. Features include a key-operated open/close to service switch, green door activation button, and red mushroom Emergency Stop button on the face. The control panel features a Variable Frequency Drive which allows programmable speed and soft start/stop.

The advanced breakaway system is the most reliable system we have ever featured on the 8500 series door. It does not require a service call or any replacement parts to re-engage, saving both time and money. It is also completely cordless, making it among the safest systems available.

The Super Sensitive reversing edge has been designed with a continuous contact strip along the entry length of the waterproof and tear-resistant bottom. The temperature has little to no effect on its sensitivity, reducing service calls.

The series 8500 "Super Roll" is the optimum solution for quick access through openings. The Super Roll is designed for high volume, high speed traffic in commercial, industrial, or refrigerated applications. A state-of-the-art microprocessor controller variable frequency drive system allows the door to move at faster speeds than conventional doors. The Super Roll provides an effective barrier against energy loss and sound, thereby improving productivity and employee comfort. Super Roll doors are all equipped with standard reversing features for protection against injury.

# Specifications

The 8500s is perfect for INTERIOR or EXTERIOR applications up to 16" x 18'. Besides all the traditional features, the "S" door also boasts a state-of-the-art microprocessor controlled variable frequency drive with soft start and stop technology. The "S" door is faster than conventional doors with speeds up to 84" per second and a direct drive operator without the use of couplings, chains or clutches. Fully gasketed with smooth running wind rollers and a manual crank handle for manual operation, and removable hinged front frame are standard.

PERFORMANCE REQUIREMENTS - To withstand a windload condition of 12.7 lbs/sq.ft. (40mph) at standard pressure and temperature.

MOUNTING - Interior

MAXIMUM WIDTH - 18'0"

MAXIMUM HEIGHT - 16'0"

## DOOR PANEL CHARACTERISTICS

- A. Thickness: 2.4mm
- B. Impact Strength: 1147 N.
- C. Tensile Strength: 189 N lengthwise and 288 crosswise
- D. Standard Colours: Blue

ELECTRICAL OPERATION: Model 8500S high speed rolling door shall be electrically operated by a heavy duty drive unit featuring a self-inhibiting worm gear. The motor and gearbox are designed for high cycle operation. Magnetic switches are located in the door guides to read the location of the door's bottom edge to control door position. Basic operation features include a PLC System and variable frequency drive, self-monitoring feature, LED readout "super Logic" box, automatic closing timer, emergency stop, one acting push button, an inline photo-cell, and a manual crank override for emergency manual operation.

## ELECTRIC MOTOR

- A: Provides high-starting torque, enclosed non-ventilated electric motor sized to move door in either direction from any position at no less than the operating speed.
- B: Motor: Three phase motor rated for 2 or 3 h.p.

DOOR SPEED: 84" per second

POWER SUPPLY: Primary Voltage is co-ordinated with building electrical system. Supply Rated at \*\*208 \*\*460 \*\*575 volt three phase, 60 Hz, 15 amps max.

\*\* All products are products are subject to design modifications without notice. Product may be shown with options. E.&O.E.

## Door Options

- ◆ Fabric Roll Canopy
- ◆ Motor Canopy
- ◆ Galvanized Steel Frame
- ◆ Stainless Steel Frame
- ◆ Freezer Packages
- ◆ Clean Room Application
- ◆ Projection Frame
- ◆ Full or Multiple Windows
- ◆ Custom Interlocking Controls
- ◆ Custom Design Available
- ◆ Custom Control Panels
- ◆ NEMA4 Motor
- ◆ Breakaway Bottom Bar

## Activation Options

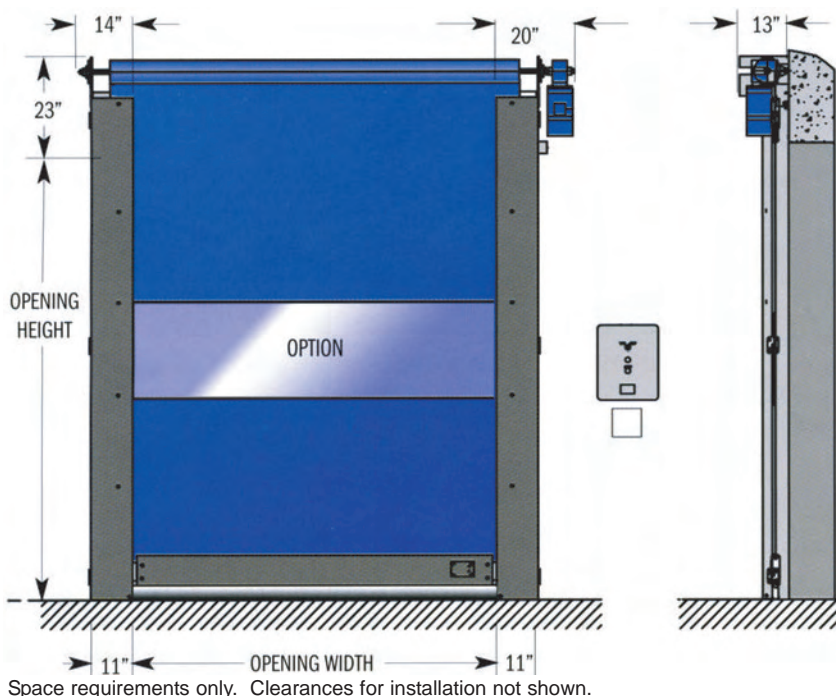
- ◆ Floor Loop Detector
- ◆ Photo Eye
- ◆ Motion Detector
- ◆ Presence Detector
- ◆ Remote Green Push Button Station
- ◆ Remote E-Stop Station
- ◆ Radio Control Station

## Extra Safety Device Options

- ◆ Photo Eye
- ◆ Floor Loop Detector

## Communication Devices

- ◆ Beacon Warning Light
- ◆ Horn



**Custom Designs Available**