

FlashFold™ Automated Barrier Door

The FlashFold Automated Barrier Door by Rite-Hite Machine Guarding is a unique vertical rising automated barrier door designed for safeguarding of machinery in applications where no overhead obstructions can exist or overhead crane loading/unloading of the work cell is necessary.



The Flashfold Automated Barrier Door reduces the footprint of the guarded space by locating closer to the hazard. Additionally, it provides physical protection from application driven hazards. The FlashFold's versatile design allows the door to rise from the bottom up so there are no overhead obstructions. Coupled with the optional reversing edge and safety interlock switches with safety rated controls capable of up to Cat 4/PLe (per EN ISO 13849-1), when integrated properly, you have an ideal safety system.

Guards your machinery

Protects employees from process hazards.

Contains application driven hazards

including weld flash/sparks/smoke, mist, flying debris and other exposure.

Unique BOTTOM-UP operation

Industries only up-acting machine guarding door.

Reduces footprint

of manufacturing cell by locating closer to hazard.

Increases Productivity

Door provides clear visual that operator should be on task.

No overhead obstructions

allows for clear overhead crane loading and unloading.



Specifications

Model Number	FLSFLD FlashFold™ Automated Barrier Door
Size Limits	Minimum: 2' w x 2' h (610 mm x 610 mm) Maximum: 14' w x 9' h (4267 mm x 2743 mm) If larger sizes are required please contact Rite-Hite Machine Guarding Representative
Speed	20" per second (0.5 m/sec) operation
Curtain Material	Standard: 14 oz. Weldtex™ CFM approved with optional 21" (533 mm) high, full-width PVC vision panel meets ANSI F2.3M:2001 performance standards for welding screens and ANSI/NFPA 710 Flame resistance). Optional materials and colors available upon request
Curtain Guides	4" x 4" (101 mm x 101 mm) custom aluminum extrusion posts with T-slot with 3/16" x 1-1/2" x 2" (5 mm x 38 mm x 51 mm) aluminum angle curtain guides
Storage Basket	16" (406 mm) high x 6" (152 mm) deep x unit width storage basket for curtain storage in open position
Mounting Brackets	Front/back or side
Gear Motor	3 phase, 1 H.P. NORD Motor/Brake Assembly with hand release lever, TEFC, 208/230, 460/480, 575V driving 1000 # Tensile strength nylon drive and idle belt configuration
Sensing Edge	Optional: Soft edge, tape switch 9/16" (14 mm) wide x 5/32" (4 mm) high, 8 oz (2 N) activation force stops curtain upon contact Optional: Allen-Bradley reflective photo eye stopping/reversing edge
Relay Control Box	Optional: 16" x 14" x 8.5" (406 mm x 356 mm x 216 mm) Open/Stop/Close Pushbutton in NEMA 4X enclosure Certified to UL508 and cUL508A (CSA) specifications
Curtain Retention	Barrier Bars sewn into curtain material to provide barrier protection and retain curtain in guides
Safety Features	Multiple reversing/stopping edge options protects personnel and property. Gravity fed down operation – not powered down. Can conform to Category 4, Ple in accordance with EN ISO 13849-1 and SIL3 perEN 62061 safety rated control system when integrated properly
Warranty	Limited 1-year parts and labor

