

FLASHBACK

STEFFL MACHINE & TOOL





Machine guarding up-acting automatic curtain

US Patent #9,074,414

Specifications

Overall size	106.75" wide x 83.5" tall x 7.5" deep
Opening size	84.5" wide x 78" high
Stepover height	7"
Curtain material	Silicon coated fiberglass 1700 wt. resistant to 1000° F
Fireproof rating	NFPA 701/1999 suitable for welding environment
See through window	Orange weld screen 30" wide x 15" tall
Indexing time	3.5 seconds
Motor specification	TEFC gearmotor with integrated brake
Motor control	Inverter with 3 phase output
Machine control	Programmable logical controller
Input Voltage	120 Volts AC single phase
Amperage	Less than 5 amps
Collision detection	Collision detection included to stop curtain
Construction	Heavy gauge steel with powder coated finish
Integration	Inputs and outputs available to automate
Manual controls	Up and down pushbuttons plus emergency stop

Optional sizes are available upon request

This curtain works by rolling up the curtain on a motorized cylinder. The actuation is through the clever use of counterweights. This allows for a clear opening for parts access with an overhead hoist. The curtain rolls down into a very compact 7" stepover height. If someone or something were to get into the path of the curtain, sensors automatically detect the interference and immediately stop the curtain from moving in less than .1 second.

For more information or a quote please contact:

Steffl Machine @ 706-338-5551 or jsteffl1@aol.com

To see a video of the curtain in action go to:

https://www.youtube.com/watch?v=E_mbZogf2zQ