DYNATECT®
DYNAMIC EQUIPMENT PROTECTION

AUTOMATED MACHINE SAFETY DOOR
ALUMINUM ROLL-UP BARRIER FOR LASER PROTECTION & MINIMAL DEFLECTION

ALUMINUM SLAT LASER PROTECTION DOOR | QUOTE REQUEST FORM

Date _____ Address _____
Company Name _____ City _____ State/Prov. _____
Contact Name _____ Country _____ Zip/Postal Code _____
Email _____ Telephone _____ Fax _____

1. APPLICATION INFORMATION

Please note: Venting will be required for enclosed room / vacuum conditions.

☐ New Design ☐ Replacement

Door Application/Purpose: _____

_____

Quantity Required: _____

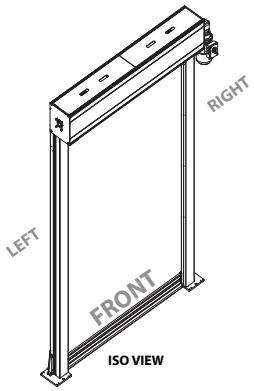
Describe Environmental Conditions: _____

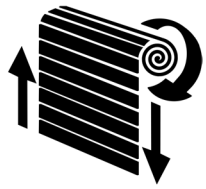
_____

_____ Ambient Temperature (continuous)

_____ Max Temperature (temporary)

_____ Min Temperature (temporary)





Door Operation

Cycle Frequency (please fill in both)

_____ cycles per 24 hours

_____ cycles per minute

2. DOOR

Door Size (please specify all dimensions in whole inches)

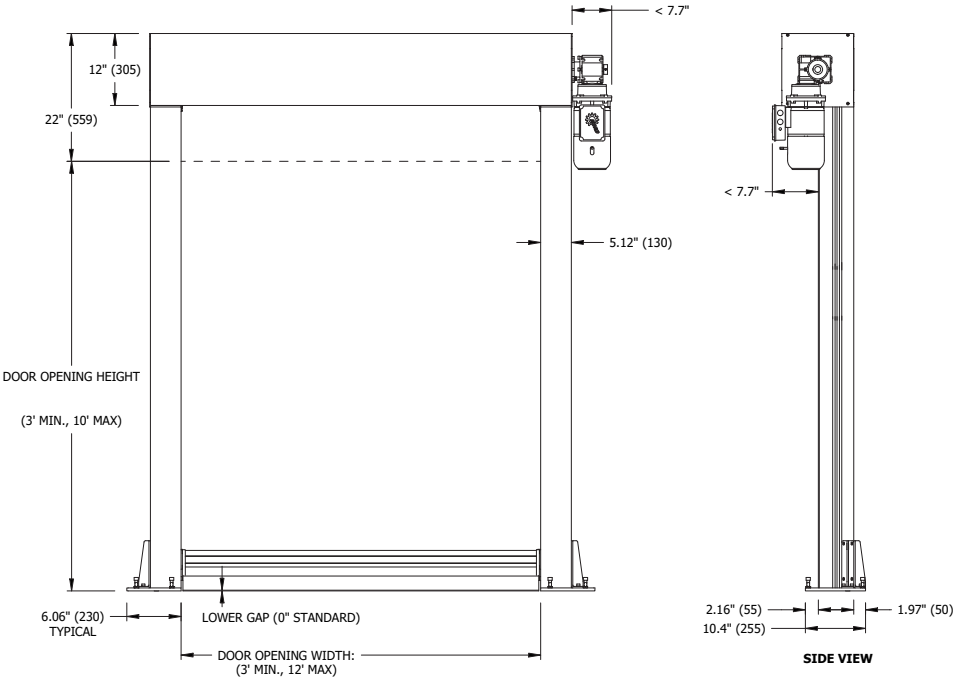
_____ Door opening width ("DW")

_____ Door opening height ("DH")

_____ Lower Gap ("LG")

Door Mounting Options

☐ Floor mounted (standard)
☐ Adapt to wall base plate
☐ Adapt to wall flashing (requires adapt to wall base plate)



(Questions continue on next page)

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DYNAMIC EQUIPMENT PROTECTION

AUTOMATED RIGID MACHINE SAFETY DOOR

RIGID ALUMINUM BARRIER FOR LASER PROTECTION AND/OR MINIMAL DEFLECTION

RIGID ALUMINUM LASER PROTECTION DOOR | QUOTE REQUEST FORM

3. DRIVE TRAIN

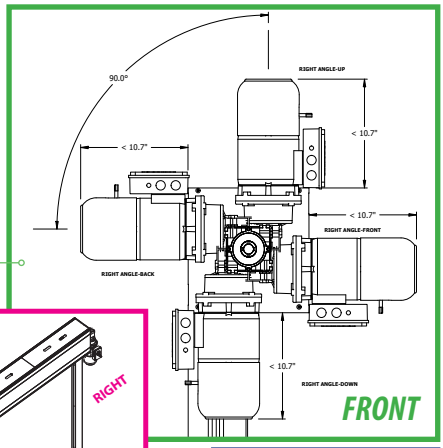
Motor Location:

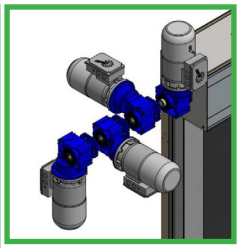
- ☐ Left
- ☐ Right

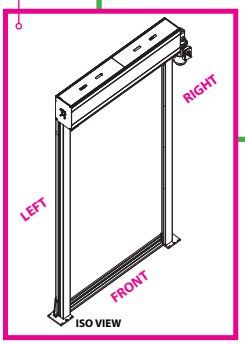
Motor Type and Orientation:

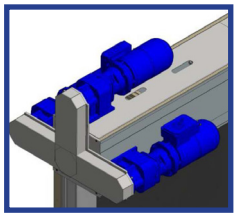
- ☐ Right Angle - Down
- ☐ Right Angle - Up
- ☐ Right Angle - Front
- ☐ Right Angle - Back
- ☐ Inline - Front*
- ☐ Inline - Back*
- ☐ Inline - Top*

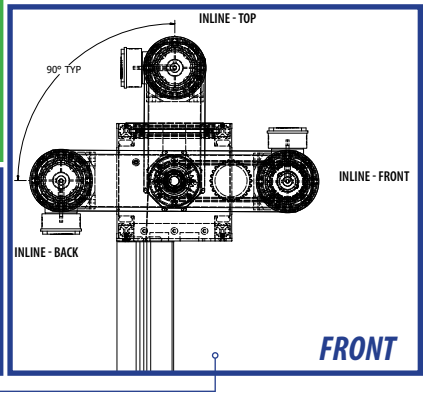
**adds $2500 to total price*











Voltage:

- ☐ 230V, 3PH, 60HZ
- ☐ 460V, 3PH, 60HZ
- ☐ 400V, 3PH, 50HZ
- ☐ 575V, 3PH, 60HZ
- ☐ 230V, 1PH, 60HZ**

**this input power is only available when Variable Speed Controller selected, associated motor is still 3 phase

Motor Cable Length: *Quantity 2, always sold as a pair (motor power, brake control).*

☐ None (standard) ☐ 3m ☐ 5m ☐ 10m ☐ 15m

4. CONTROL SYSTEM OFFERINGS

Choose one from descriptions below.

- ☐ Motor and 2 Travel-End Sensors Only (standard)
  - Do you plan to use a VFD to control the motor? (If you selected this control option) ☐ Yes ☐ No
- ☐ Integrator Control Box
- ☐ Variable Speed Controller

Control Box Cable Length *Internal control cables terminated at passive block. Optional cables for wiring sensors/switches from door to control box can be supplied.*

☐ None (standard) ☐ 3m ☐ 5m ☐ 10m ☐ 15m

CONTROL SYSTEM DESCRIPTONS:

Standard Offering
Motor & 2 Travel-End Sensors only - (2) 24VDC Proximity limit switches. Motor with industry standard quick disconnect interface (4 conductor). No control box. Contactors, phase-relay, drive, logic, AC-power and DC-power by others. **NOTE: Please advise Dynatect if a VFD will be used.**

Integrator Control Box Option
Upgrade from "Standard Offering" that includes NEMA 4X (IP66) control box with contactors, motor starter, and phase-relay. Pre-wired to accept "up" signal, "down" signal, and Standard Travel-End Sensors. Box mounting, field wiring, logic, AC-power and DC-power by others. All pushbuttons by others. Any "Sensor Options" are field wired to customer controls and logic by others. In-box safety relay mounting option.

Variable Speed Controller Option
Upgrade from "Integrator Control Box" with added pushbuttons (Up, Down, E-stop), external disconnect switch, variable speed drive, 24VDC power and logic for all sensor options. Includes integrated logic to accommodate options of: Non-Safety rated LiDAR, Fixed Photo Eye, and Light curtain. Safety interlock terminations for dedicated machine safety logic.

5. DOOR OBSTRUCTION SAFETY SENSING OPTIONS

Travel End Sensors
Upper and lower proximity switches are included.

LiDAR Scanner

- ☐ None (standard)
- ☐ SICK[1] brand (not rated)
- ☐ SICK[1] brand (safety rated PLe) → *Note: customer must provide their own logic. Not compatible with Dynatect Control Options.*

Fixed Photo Eye(s)

☐ None (standard) ☐ 1 pair ☐ 2 pair

Fixed Light Curtain

☐ None (standard) ☐ 1 pair

6. DOOR CLOSED SAFETY OPTIONS

Door Closed Safety Interlock Switch

- ☐ None (standard)
- ☐ SICK[1] brand RFID

Interlock Safety Relay (if safety interlock switch specified)

- ☐ None (standard)
- ☐ SICK[1] brand safety controller (shipped loose)
- ☐ SICK[1] brand safety controller (mounted in control box)

Door Hold-Down Switch

- ☐ None (standard)
- ☐ Euchner[2] brand door hold-down switch

[1]SICK is a registered trademark of SICK, Inc.

[2]Euchner is a registered trademark of EUCHNER GmbH + Co. KG