

TECH BRIEF:

SATECH MODULAR PERIMETER GUARDING SYSTEMS

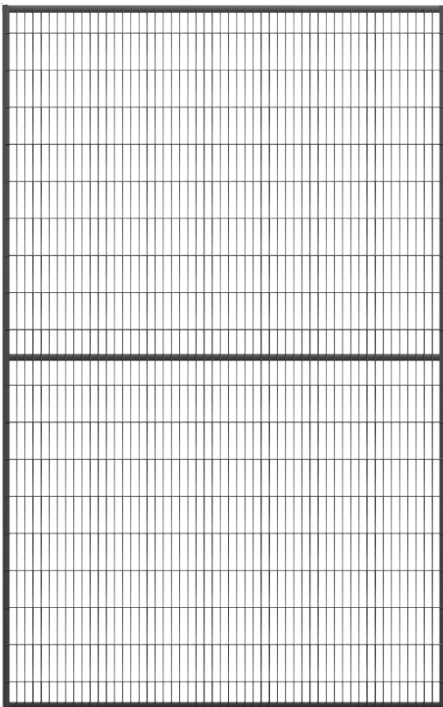
OVERVIEW

- Installs quickly and easily
- Easy field modifications
- Rugged, steel construction
- Design custom guards from modular panels and connection systems

- Meets regulatory standards:
Safety: EN ISO 13857
Anti-climbing: EN ISO 14120-5.18
Visibility: EN ISO 14120-5.9

SATECH
Modular Machine Guards

FENCE PANELS



Framed panels

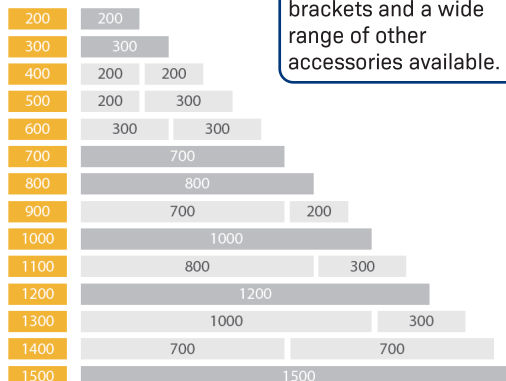
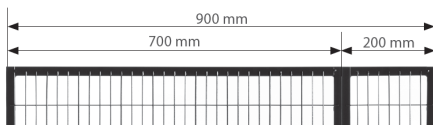
- 20 x 20 mm frame profile
- 17 x 97 mm fence grid
- 3 mm steel wire
- Height (mm): **2080**, 2480
- Widths (mm): 200, 300, 700, 800, 1000, 1200, 1500
- RAL9005 Black

PANEL COMBINATIONS/LENGTHS

Stocked panels are available in 7 standard widths (mm):

200, 300, 700, 800, 1000, 1200, 1500

Combinations of these standard widths reach the intermediate dimensions, in 100 mm steps. Panels are bolted to each other to fill the required spacing between posts.



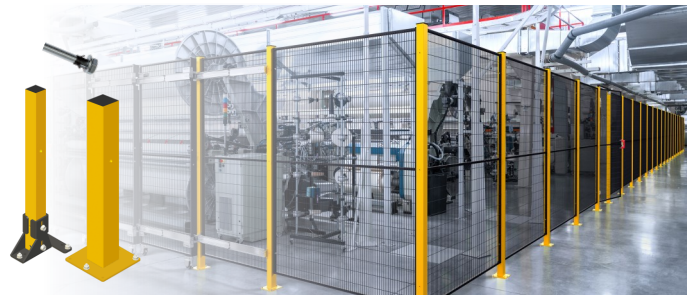
Door kits, custom angle brackets and a wide range of other accessories available.

PANEL CONNECTION SYSTEMS

ImpactGuard

Maximum impact resistance

- Bolt connections, threaded holes in posts
- Extruded steel tube posts
40 mm or 60 mm profile
Height (mm): **2240**, 2640
RAL1021 Yellow (standard)
- Bolt on (adjustable) baseplate or welded baseplate with 3 anchor points



EasyGuard

Easiest assembly

- Captive fastening clips
- Extruded steel tube posts
40 mm or 60 mm profile
Height (mm): **2240**, 2640
RAL1021 Yellow (standard)
- Bolt on (adjustable) baseplate or welded baseplate with 3 anchor points



FastGuard

Fastest assembly

- Panels slip onto footer assembly, no posts needed
- Bolt connections on footer, coupling clip for tops.
- Extruded steel tubes
- RAL9005 Black (standard)
- Welded baseplate with 3 anchor points



DESIGN SERVICES



Guarding systems are custom designed for each client. Each design generates 3D models, isometric drawings, and parts list.

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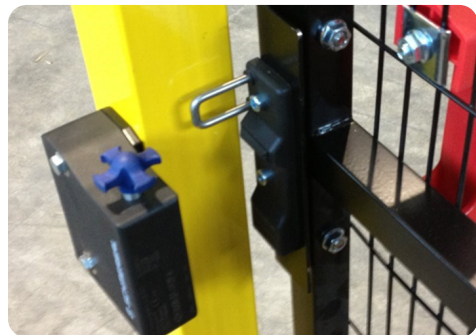
SCHMERSAL
THE DNA OF SAFETY

TECH BRIEF:

SCHMERSAL INTERLOCK DEVICES FOR SATECH GUARDS

SCHMERSAL offers a wide range of compatible safety locks, safety sensors, and other accessories to complete the safety guarding solution. These devices have stock mounting brackets and accessories for use with SATECH guards.

SATECH
Modular Machine Guards



AZM300

- Electronic Solenoid interlock
- RFID sensor, offers individual coding ("High" to ISO14119)
- 1,000 N Locking force
- Adjustable latching force 25/50N
- Symmetrical mounting for right- and left-hinged doors
- Can be used as end stop
- 3 actuating directions
- 3 LEDs signal operating status



AZM201

- Electronic Solenoid Interlock
- RFID sensor, offers individual coding ("High" to ISO14119)
- 2,000 N Locking force
- Door handle actuator
- Optional inside emergency exit handle
- Actuator retracts into handle
- 3 LEDs signal operating status
- Lockout/tagout devices available



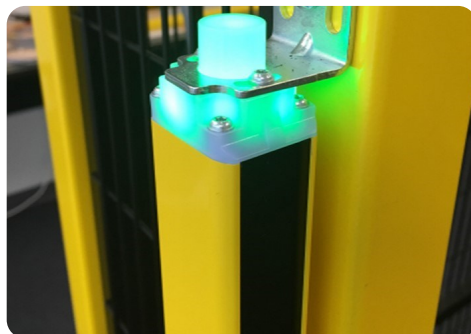
BDF200

- Machine controls
- Housing matches AZM201
- Up to 4 control operations
- Control types:
 - E-Stop
 - Pushbutton
 - Illuminated pushbutton
 - Mushroom button
 - Signal light
 - Selector switch
 - Keyed selector
- Field customizable version



RSS16

- Electronic Safety Sensor
- RFID sensor, offers individual coding ("High" to ISO14119)
- 3 actuating directions
- Optional magnetic latch
 - 40 N from front or back
 - 60 N from top
- Tolerates misalignments
- Optional M12 connector
- Serial Diagnostic version
- Wire in series without detriment to the safety level (to PLe)
- LEDs for status signaling



SLC440

- Safety Light Curtain
- Multiple integrated functions:
 - blanking, double reset, contactor control
 - automatic mode, re-start mode, and beam coding
- Extruded aluminum housing, rectangular profile 28 x 33mm
- Protection heights from 170 to 1930 mm
- 14 or 30 mm resolutions for point of operation guarding
- 2, 3, or 4 beam grid for perimeter guarding
- LED signal endcaps
- Bluetooth interface



SLC445

- Safety Light Curtain
- Muting function
 - Allows materials to pass in while not allowing workers
- Extruded aluminum housing, rectangular profile 28 x 33mm
- Protection heights from 170 to 1770 mm
- 14 or 30 mm resolutions for point of operation guarding
- 2, 3, or 4 beam grid for perimeter guarding
- LED signal endcaps

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