TROAX MACHINE GUARDING SOLUTIONS
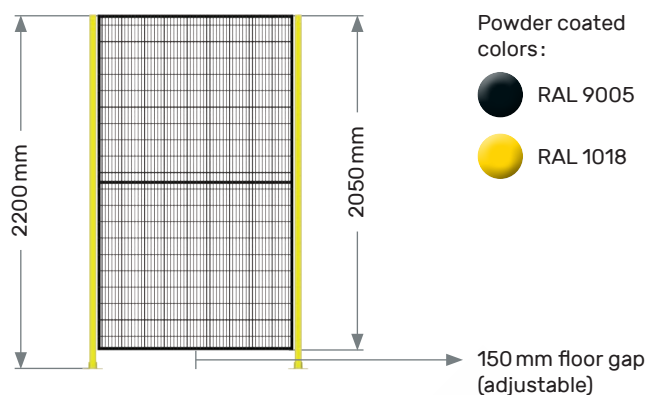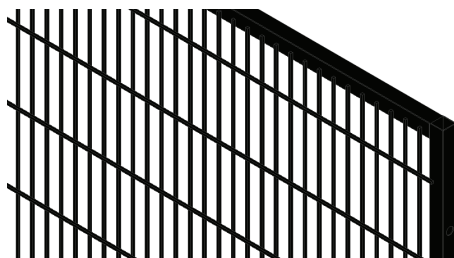
At Proax Technologies we are more than just a leading Canadian Automation Distributor; we are a company committed to the **safety** of every Canadian employee. Proax Technologies has chosen to represent the Troax brand of machine and perimeter **guarding** because of its worldwide recognition of high quality product along with its ease of integration with additional safety equipment in Canada such as light curtains, safety switches, and interlocks.

Panels

- Robotically produced for certified quality
- Mesh panels have standard size of 20 X 100 mm opening (ST20)
- Mesh panels impact tested up to **1600 joules**
- Other panels available include polycarbonate, yellow SP sheet metal, and mesh with welding screen
- Range of panel sizes – 200, 300, 500, 700, 800, 1000, 1200, & 1500 mm X 2050 mm height (standard)
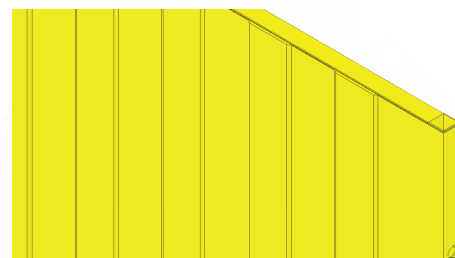
2200 mm

2050 mm

150 mm floor gap (adjustable)

Powder coated colors:

RAL 9005

RAL 1018

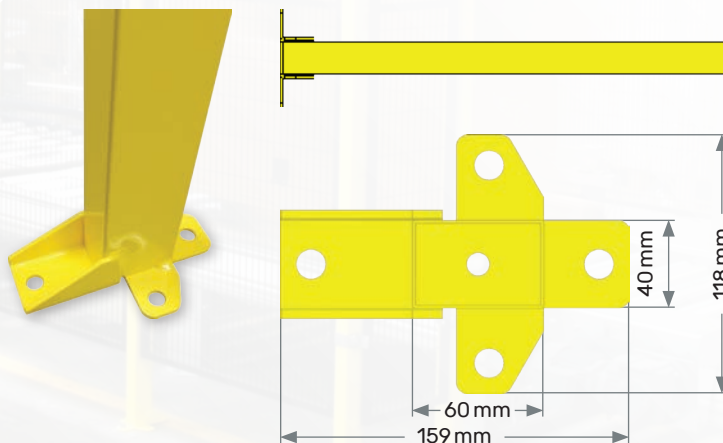Standard stock panels include:

Steel mesh

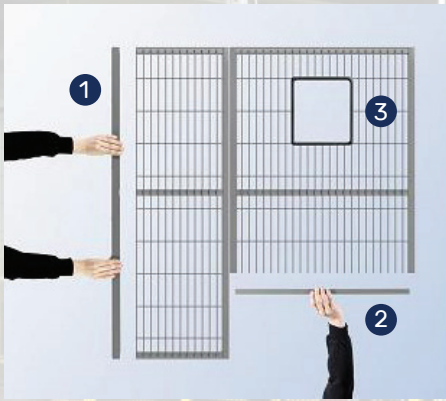**Polycarbonate**

Sheet metal SP

Posts

- Standard 60 X 40 mm in RAL 1018 Yellow
- Stocked locally in 2200 mm height; 1400 and 2650 mm available
- Welded base for stability and secure anchoring
- 2 anchor bolts are included with every post

40 mm

118 mm

60 mm

159 mm

Trim Kits

✦ Easy to attach ✦ Weldless and aesthetically pleasing

❶ End profile
✦ For adjusting the width of the mesh panels

❷ Cut profile
✦ For adjusting the height of the mesh panels

❸ Edge cover
✦ Flexible solution for covering sharp edges after cutting mesh

Troax carries a variety of **bracket** options for connecting the post and panels. The systems have been TÜV certified tested with all mesh panels to handle impacts up to **1600 joules**. All systems meet the requirements of the Machinery Directive, 2006/42/EC, they are ISO certified and CSA compliant.

Smart Fix bracket
Most common bracket due to its easy assembly and ability to adjust for uneven floors.

Rapid Fix bracket
Innovative system with quick brackets that allow panels to be easily removed.

Combi Fix bracket
Combines Rapid Fix's lower bracket & Smart Fix's threaded bracket.

Safelock PLd and PLe
Designed to protect your employees and to keep your production running. It's built to fit almost any safety switch on the market.
Examples: **ABB** Eden, **ABB** Mkey 4, **OMRON** TL5012

Quality impact testing
Panels, posts, and brackets are tested in accordance with the ISO 14120 standard. The tests are conducted by dropping weights onto the protection; weights equivalent to forces of 309 joules all the way up to 2000 joules.

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