Pre-assembled panel and door modules

Easy to specify and order

Bolt together multiple modules in minutes

Build This Entire Robot Perimeter Guard

In Less Than One Hour!
FastFrames modules are completely pre-assembled panels and doors constructed of 1.5" x 1.5" heavy duty aluminum extrusions, with PVC-coated wire mesh or clear Lexan inserts. Best of all, each module includes all the necessary hardware and can be ordered using a single part number.

Easy to Configure and Install
No CAD drawings!
No cutting!
No welding!
No parts to sort and separate!
Much safer and faster than welding or assembling a panel or door.
FastFrames panels and doors join together using only 2 bolts
One person can easily connect multiple modules to quickly form an entire guard or enclosure.

Extremely Versatile
Available in a wide range of standard and custom sizes.
Can be arranged in almost any configuration.
Can be modified, repositioned or reconfigured.
May be outfitted with safety interlocks, safety light curtains, and much more.

Simple to Order
Order an entire panel or door with a single part number, versus selecting and ordering 25 to 50 individual extrusions and components.
<table>
<thead>
<tr>
<th>FastFrames vs. the Competition</th>
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<tbody>
<tr>
<td>Example: Build a four-sided machine guard or robotic cell perimeter guard 14’ x 16’ x 6’ with two doors.</td>
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<table>
<thead>
<tr>
<th>Welding the Guard</th>
<th>Using Standard Aluminum Extrusions</th>
<th>Using FastFrames Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Create a dimensional drawing.</td>
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<td>2. Create a simple sketch with dimensions.</td>
</tr>
<tr>
<td>3. Select the appropriate materials (lengths of steel, mesh, brackets, rods, etc.).</td>
<td>3. Select appropriate extrusion type and lengths.</td>
<td>3. Select appropriate FastFrames modules and order.</td>
</tr>
<tr>
<td>4. Create a Bill of Materials.</td>
<td>4. Select the appropriate brackets, connectors, hinges, joining plates, corner brackets, t-nuts, and bolts.</td>
<td>4. Bolt together the FastFrames modules.</td>
</tr>
<tr>
<td>5. Purchase materials.</td>
<td>5. Select panel material and calculate sizes.</td>
<td>Total Time: 39 minutes!</td>
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<tr>
<td>6. Cut framing and mesh materials to size.</td>
<td>6. Develop a detailed CAD drawing.</td>
<td></td>
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<tr>
<td>7. De-burr all cuts (belt sanding, bench grinding, filing).</td>
<td>7. Determine type and number of extrusion machining operations.</td>
<td></td>
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<tr>
<td>11. Clean and brush weld spatter.</td>
<td>11. Build the sub-assemblies.</td>
<td></td>
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<tr>
<td>12. Drill or tap for mounting accessories or fasteners.</td>
<td>12. Perform final assembly.</td>
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<td>13. Degrease and solvent clean.</td>
<td><strong>Total Time: 9-10 hours</strong></td>
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<tr>
<td>14. Mask and prep for painting.</td>
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<td></td>
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<tr>
<td>15. Apply a coat of primer.</td>
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<td>16. Paint.</td>
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<td>17. Touch-up weld or paint as required.</td>
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**Total Time: 14-16 Hours**
How To Order *FastFrames* Panels & Doors

**Step 1**

**PANELS:** Specify the size/type you need:
- Standard panel heights are 40", 60", 72" and 84".
- Standard panel widths are 18", 24", 30" and 36".
- Panels include connectors for panel-to-panel fastening, floor mount anchors, and corner fastening.

**Panel Ordering Model Number:**

- Select Panel Type
- Specify Panel Height, In Inches
- Specify Panel Width, In Inches
- Select Inside Panel Material:
  - BW = Black Wire Mesh
  - YW = Yellow Wire Mesh
  - LX = Lexan
- Desired Configuration:
  - A = Assembled
  - K = Kit Form

**Panel & Door Configurations include:**

- All panels and doors are constructed of 1.5" x 1.5" extruded aluminum profiles for strength and rigidity.
- Available inside materials include:
  - 1" x 1" black or yellow PVC-coated wire mesh
  - 1/4" thick clear Lexan

**Step 2**

**DOORS:** Specify the size/type you need
- Standard door heights are 34", 54", 66" and 78".
- Standard door widths are 24", 30" and 36".
- Doors include hinges, latch, doorstop and handle
- **Note:** 36" wide doors with heights over 50" include a center crossbeam for added rigidity.

**Door Ordering Model Number:**

- Specify Door Height, In Inches
- Specify Door Width, In Inches
- Select Inside Door Material:
  - BW = Black Wire Mesh
  - YW = Yellow Wire Mesh
  - LX = Lexan
- Desired Configuration:
  - A = Assembled
  - K = Kit Form
- Door Hardware:
  - SH = Standard Hinges, Handle & Latch/Stop
  - NH = No Hinges, Handles or Latch/Stop

**Step 3**

Connect them together! You’re done!

*Custom Sizes and Configurations Available*
Order These Panels and Doors...

Assemble This Entire Enclosure in 23 Minutes!

Typical Applications

Conveying systems

Machine bases & frames

Industrial automation systems

Also...

Test fixtures
Work stations
Tool cribs
Robot cell perimeter guarding
Enclosures of all types
High-security area fencing
Assembly stations
Racks/shelving/storage
Noise-reduction cells
Machine vision systems frames and guards
Other *FastFrames* Products Include:

**Conveyors**
- Conveyor sections with PVC or steel rollers
- Variety of heights, widths and lengths
- Conveyor sections and leg kits sold separately

**Tables/Bases**
- Available assembled or in kit form
- Adjustable feet
- Standard or heavy duty design

**Carts**
- 300-lb. capacity carts
- Adjustable shelves
- Standard and custom sizes

**FrameQuoter Design and Quoting Software**

Complete catalog of extrusions and accessories

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Crystal Lake, IL 60014
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Fax: 815-477-9818

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