Tensioning Solutions Inc.

In Business Since March 2011

March 2020
The Company

Mission

Offer to sign professionals a product line of aluminum extruded bars of the highest quality, designed to fabricate custom frames to stretch banner and textile material.

Addressing many applications, and which are easy to install, versatile, easily changeable and very cost effective.
Applications

Billboards

17'H x 40'W Billboard
Realized with the TS23 extrusion

Stadium Signs

Cleveland Browns Stadium
Two of eight 22'x 42' TS32 frames with mesh banners
Applications

Non-Rectangular Signs

Both signs fabricated with the TS44 extrusion

Very Large Signs

95.75'H by 40'W
Jacksonville Jaguars Stadium
Applications

Trucks Graphics

Realized with the TS23 extrusion

Trailers Graphics
Applications

Schools / Universities

- TS32 - 8ft x 17ft Frames with Arch on Top

Retail

- TS23 for Flex Faces
- TS23- 3ft x 25ft Framed Graphic
Applications

Museums Exhibits

TS23 - 16'H by 67'W – Cleveland Museum (Dinosaurs Exhibit)
Applications

Supermarkets

3D-Structure with Stretched Banner

Both realized with the TS44 extrusion
Applications

Parking Screen

Realized with the TS44 extrusion
Applications

Façade banners

Exhibition Booths

TS44 – 9.4'H by 40'W Hydrogen Pump Station Facade
Applications

More Structures with the TS44...

10’ x 10’ x 10’
Applications

From Small to Huge Banners…

…We Have the Answer…

…with Unbeatable Prices

300’ x 50’ Downtown Baltimore
Our Extrusions are made in USA

Product Line

TS23  TS29SEG  TS32  TS44

TS79W  TS79B  TS79C
TS23

- The TS23 our lightest extruded aluminum bar is suited for small, mid-size and large interior / exterior signs.
- Easy to install on a variety of supports (concrete, bricks and dry walls...), and ideal for trucks and trailers sides.

124’ by 10’- Curved frame
The TS29SEG extrusion is designed for small, mid-size and large interior Silicon Edge Graphics.

**Applications**
- Tradeshows, expositions
- Airports, bus terminals
- Retail stores
- Offices, meeting rooms
- Hotels and hospitality
- Museums, ...
TS32

• This extruded aluminum bar is designed for small, mid and large sizes framed banners.
• It also can be used for building light structures.

TS32 - Cleveland Browns Food Court
310’W by 13’H Vinyl Banner
Products

**TS44**

- Our sturdiest extruded aluminum bar is designed for medium to very large signs.
- It is also used for building structures such as exhibition booths, 3D-signs and stand-alone signs.

Jaguars Stadium – 96’ x 40’
Parking – 30’ x 50’
Products

**TS79x**

The top is flat and thick, it has the same thickness on the center and on the sides, making it stronger to absorb hard nylon head hammers blows.

TS79W inserted in TS23
## Extrusions Comparison

<table>
<thead>
<tr>
<th>Features</th>
<th>TS23</th>
<th>TS32</th>
<th>TS44</th>
<th>TS29SEG</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Insert Model</td>
<td>TS79B&amp;W</td>
<td>TS79B&amp;W</td>
<td>TS79B&amp;W</td>
<td>Not Necessary</td>
</tr>
<tr>
<td>Clipping on the front</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Clipping on the side</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>Clipping on the rear (Wrapping)</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>PVC Corners TS90</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>PVC Joiners TS91</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
</tbody>
</table>

### Applications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Small frames (1 – 10 Sq Ft)</th>
<th>Medium Frames (10 – 100 Sq Ft)</th>
<th>Large frames (100 – 1,000 Sq Ft)</th>
<th>Very Large Frames (&gt;1,000 Sq Ft)</th>
<th>Interior frames</th>
<th>Exterior frames</th>
<th>Structures / 3D Frames</th>
</tr>
</thead>
<tbody>
<tr>
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<td>****</td>
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<td>****</td>
<td>****</td>
<td>****</td>
<td>NO</td>
</tr>
</tbody>
</table>

### Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Bar Length (Ft)</th>
<th>Bar Weight (Lbs.)</th>
<th>Bar Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bar Length (Ft)</td>
<td>11.4'</td>
<td>11.4'</td>
<td>11.4'</td>
</tr>
<tr>
<td>Bar Weight (Lbs.)</td>
<td>2.17</td>
<td>4.56</td>
<td>10.54</td>
</tr>
<tr>
<td>Bar Dimensions (Inches)</td>
<td>3/8”x9/8”x137”</td>
<td>3/4”x1.3”x137”</td>
<td>1.5”x2.5”x137”</td>
</tr>
</tbody>
</table>
# Key Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Stretching Banners Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame Sizes</td>
<td>Small / Medium / Large / Very Large</td>
</tr>
<tr>
<td>Non-Rectangular shapes</td>
<td>TS23 / TS32 / TS44</td>
</tr>
<tr>
<td>Type of Frames</td>
<td>Customized: Any Sizes</td>
</tr>
<tr>
<td>Type of Installations</td>
<td>Wall-mounted Frames/ ART Frames / Stand-Alone Frames / Stand-Alone Structures</td>
</tr>
<tr>
<td>Double-Sided Graphics</td>
<td>TS32 / TS44</td>
</tr>
<tr>
<td>Edge-to-edge Graphics</td>
<td>TS29SEG / TS2985 / TS32 / TS44</td>
</tr>
<tr>
<td>Structures / 3D-Graphics</td>
<td>TS32 / TS44</td>
</tr>
<tr>
<td>Curved frames</td>
<td>TS23 / TS32 / TS44</td>
</tr>
</tbody>
</table>
Features and Benefits

1. Customized Frames (Any sizes, Any shapes)
2. Double-Sided Frames
3. Cost-Effective
4. Multiple Applications
5. Edge-to-Edge Graphics
6. 3D-Graphic structures
7. Aluminum extruded bars can be bent

1. Can answer many customers requests and applications
2. Frames can be hung in shops, supermarkets and malls
3. Sign professionals are competitive in their markets
4. Effective product design allows to build from framed banners to structures
5. Hiding the frame when needed
6. Goes beyond simple 2D frames
7. Allows to design curved frames or frames fitting on curved walls