Instruction Manual

Banner Grip™
-banner stretching frame

Any size made: by Graphic size, OD Size, Live Area -1 or 1,000!

The Banner Grip frames and banners shown in this manual are small sizes for ease of explanation and installation. We make LARGE format Banner Grip frames ANY size, 8’, 10’, 20’, 50 feet x same -any exact size you need 1 or 1,000 FAST! Free shipping.

Pages 1-4: Background on what this frame does.

Pages 5-16: Installation instructions with photos.
**Banner Grip™ –banner stretching frame**

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This banner stretching frame will stretch out and beautifully display any banner with raw cut edges, folded over and sewn edges, with grommets, pole sockets or strings. This is the only frame on the market that will do this. Many banners automatically come with these grommets, etc., and this frame will display them all-beautifully. Hidden clamps under the frame edges grip and pull banners tight. This frame will also display signs/graphics printed on plastics and sheet metals by pulling them tight, and eliminating any of the “waviness.”

**This is the only banner frame available that will hold and stretch:**

Raw cut edge banners, or banners with sewn edges, grommets or pole sockets, will also stretch any type of plastic or sheet metal graphic substrates. But, if you’re making banners especially for this frame, then you only need to have banners with raw cut edges—the least expensive type of banner.

Clamps: Are custom designed hardened alloy aluminum with interlocking teeth that will clamp onto your banner, but not cut or tear it. They will not “pull off” the material. All you have to do is make sure you tighten the clamps down with a wrench once you’ve positioned them.

**FEATURES of the Banner Stretching Frame:**

1. Easily hang loose banner in frame before tightening, no struggling with precision alignment or sticky tapes; a one-man install for smaller banners;
2. Easily add clamps anywhere in rail-to get a perfectly tightened banner;
3. Inside or outside use, will not rust, drip, corrode-made of high grade aluminum alloy and stainless steel;
4. Display ANY type of banner: raw edge, or existing banners with grommets, pole sockets or hemmed edges-any thickness.
5. Will also hold rigid, but flexible substrates like corrugated plastics, polystyrene, sheet metal signs. Will eliminate “waviness” and make signs perfectly “flat.”

The banner stretching frame will make your banners look so much better, and professional. Don’t put ugly mounting systems on your walls, the Banner stretching frame will present your graphic beautifully.
**Common banner mounting methods below.** You can see they're loose, wrinkled - not a professional way to display banners. They flap in the wind, not attractive.

Photo A & B (below)  
Banner Grip frames can fix this.

Photo C (below):  
Banner Grip frames can fix this.

Photo C (left):  
Loose, wrinkled banners, visible mounting hardware, not very attractive.

Because these banners are screwed directly into the brick wall of the building, any new banner requires re-drilling new holes or the existing ones stripping out - too many holes on the building.....

Our banner stretching frame is mounted on the wall - once. Then, successive, same-size banners use the same frame - there is no need to keep drilling/remounting new holes into the brick wall.
Above photo D: Tight install, but wind can get into the back of the banner and “flap” it around, “inflate” it; loosen it. Also, the mounting hardware is exposed, not attractive.

**Banner Grip frames will hide all ugly mounting hardware.**

**Photo E (left):**
Close-up of this same banner above, showing pole sockets, poles and the ugly, exposed mounting hardware.

Our banner stretching frame does not require pole sockets or poles, and wind will not get to the back of the banner - to prevent “flapping and inflation” of your banner.

The reason this banner (see left) uses the “mesh-like” wind permeable banner material is to allow wind to pass through—an attempt to minimize “inflation” and stretching.

But, opaque, solid banner material looks much better, and shows colors and images much nicer. Since our frame does not allow wind into the back of the banner, you can use this much nicer “solid” opaque banner material for an application like this.
Photo F (below): Another typical small banner install, loose and strings visible.

Below photo G: This same Corona banner, but now -nice and tight, mounted in the Banner Grip frame. Mounting hardware is hidden, wind cannot get to the back of the banner. Professional looking frame. Easy to change out for another banner.

Small format banners and frames are shown for ease of explanation. Any large size can be made, sent in sections by UPS, easy assembly on site.
Banner Grip™ Installation Instructions:

Follow all directions carefully for a proper, safe installation.

CAUTION: Frame edges and springs are very sharp and will cut skin. Use protective gloves and safety glasses during entire installation.

1. Unpacking Warning:
Frame sides wrapped in bubble.

Frames will arrive un-assembled (4 sides) wrapped in bubble, but will have the spring mounted tops pre-installed. All you have to do is assemble the 4 corners of the frame. All hardware included.

Quick View - Frame
Open edges on frame to reveal clamps pulling banner tight.

Closed frame to conceal ugly banner edges and hardware, Nice!
Parts of Banner stretching frame

- **Top Hinged Frame Top**
- **Clamp pull back NUT**: use 3/8 wrench to turn
- **Bottom of frame**
- **Clamp assembly**
- **Mounting holes** every 18” to 24” But you can add or enlarge as desired. Lots of room for any size headed screws.
- **Clamp channel “J” bracket**: You can add/remove individual clamps at any time. Clamp will not slide in channel once banner is stretched. Disregard the square hole.
- **Flat springs** to allow spring closure of top
- **2 corners that slide into and tighten into the 2 corner channels**
- **Clamp closure screw**, Hex Head Style, finger tighten first, then use 3/8 wrench to tighten.
- **Alternative clamp closure screw** – round knurled head w/ hex socket. Finger tighten, then use a 5/32 hex/Allen key to fully tighten.

**Photo: Clamp (left)**
This is the clamp assembly that fits into channel and clamps onto banner to pull it tight.

**“J” Bracket**

**Banner Grip frame dimensions**
2. Before you begin any assembly, check size of your banner to make sure it's the right size for this frame. A sticker on the inside of one of the frame sides indicates the size of banner the frame was made for. Flip open frame sides.

Photo 2a (below) This sticker will be on the outer surface of one frame side, with dimension sticker underneath.

Photo 2b (below) This sticker will be on underneath frame edge. This sticker has IMPORTANT banner size info.

Photo 2c (below): Referring to above size sticker, MEASURE your banner to make sure it will fit into this frame.

Pull banner snug, then measure length and width to make sure it will fit your frame.

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3. Two ways of assembling frame using the corners:
Ideally, assemble frame on the floor, then wall mount. If a larger frame (over 48” x 96”) you may want to mount one frame side at a time on the wall, then add corners and other frame sides, 1 at a time. Use a square and level to make sure your frame is mounted “square and level.”

Photo 3a  Corner hardware

Photo 3b (below): Insert corners with back plates into BOTH corner slots.

Photo 3c (left)
Make sure all frame edges align nice and tight before screwing down corners.
No gaps, and lines meet, before tightening corners.

Joiner straps connect longer sections of frame so that we can ship very large frames by UPS. Easy assembly on site.

Seams are almost invisible!
4. Securing Frame to surface. Photo 4 (below)

Mount frame to wall through ALL holes provided to prevent inward stress of frame when banner is stretched.

You can add weather-strip to back of frame for truck mount applications or if outside wall is bumpy, like brick.

This will prevent wind from getting into the back of the frame and “inflating” banner.

You can use any type of fastener that is best for your wall application.

WALL MOUNT HOLES
Make sure wall is FLAT before mounting.

Mount to wall using #10 or larger **screws though all holes provided on your frame**. This is so important because after you tighten your banner, forces will create inward pressure on the frame sides. Thus, when securely screwed to wall, the frame will resist the pressure and not pull inward.

5. Inserting clamps into channels on frame.

Photos: How to insert the clamp assembly into frame channel.

1. Angle-in the “J” shaped bracket into corner.

2. Rotate down.

3. The bracket is free to slide in the channel. When you tighten your banner, the bracket will stay in place and not move or fall out of channel.

5a (below)

5b (below)
Photo 5c (below)  Make sure your clamps are at the “maximum” loose position.

**Clamps at Maximum Loose Position.**

Make sure clamps are at “maximum: un-tightened” starting position before clamping onto your banner. Nut is spun all the way to the end.

**Photo 5c:**

Maximum Loose Clamp Position

Shows threaded rod and nut that pulls back clamp for banner tightening.

This picture shows clamp at maximum un-tightened position. Nut is un-spun as far as it will go before it falls off.

You will need a 3/8” open end wrench to tighten after your fingers can’t turn it any more for initial tightening.

Correct Size Banner:

Photo 5d (below): Clamps will fully grip onto banner on opposing sides -at the clamps’ maximum loose position (photo 2d, above).

**Photo 5d (below):** Correct, full engagement of clamp teeth onto correct size banner.

Clamps on opposing sides will get “full” teeth engagement onto banner.
Banner too small, clamps don’t go on “all the way.”

Not correct. Clamp teeth need to go “all the way” onto the banner material on both sides. Otherwise, clamps may pull off. Banner is too small for this frame. Sticker on your frame per photo 2b. above shows correct size of banner for your frame. Banner will have to be remade, or you need a smaller frame.

If banner is slightly “too large” - you can fold over the banner material and insert this folded over edge into clamp. Make sure to TIGHTEN the clamp securely with a 3/8" wrench.
6. Adding clamps & mounting Banner to frame.

Photo 6a (below)  Mount 2 clamps as shown “tip-to-tip” as shown on top left and right side of your banner, to form a nice “square.”

**TIGHTEN CLAMPS BEFORE STRETCHING !**

YOU must tighten clamps onto your banner material so banner won’t “pull out.” First finger tighten, then **fully tighten clamps with the 3/8” wrench if hex head OR 5/32 hex key if socket head clamps.** This is to make sure the clamps will firmly hold onto the banner material, after the banner is fully tensioned.
How to hang loose banner in frame before tightening:
Mount 2 clamps “tip to tip” on top left and right sides of your banner. Tighten clamps, then loosely hang your banner in the wall mounted frame.

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Photo 6c (below)  

Photo 6d (below)  
Loosely hang the banner in frame by angling (see Photo 5a) the TOP clamp assemblies into channel. Do the same for side clamps on both sides. You will have to loosen the right (or left) side clamp that grips the banner to get clamp into channel. Then, make sure clamps are tightened down onto banner material.
Photo 6e (below) Attach 4 more clamps to bottom left and right sides. Tighten clamps.

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Photo 7a (below)

Step 1: First stretch banner in the “longest” dimension. Tighten clamps equally on both sides.

Step 2, Stretch shorter sides
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Photo 7b (below)
By spinning this nut, it pulls clamps outward to stretch your banner. First, finger tighten this nut, then use a 3/8 open end wrench to fully tighten.

Photo no. 7b (left):
Maximum Tightened Clamp Position

This picture shows clamp at maximum tightened position. Nut pulls clamp back as far as it will go.

First, spin nut with fingers to start tightening, then use a 3/8” open end wrench to fully tighten.

Photo 7c (below)
Add more clamps 12” to 18” apart, as needed to tighten banner nicely. Make sure clamps are tightened onto banner material with a wrench. Don’t over stretch your banner.
Photo 7d (below)

Banner is stretched; banner edges are covered; frame sides closed down. Very nice, professional looking!

Don’t use old-fashioned/unattractive banner mounting methods. Make your banner display beautiful with the Banner Grip™ frame! Made to ANY custom size you need, 1 to 1,000, fast!

Banner Grip™ in use at actual sites:

Size of Banner Grip™ frame above: 7.5 feet x 34 feet, Inches= 90” x 408”, cm= 229cm x 1036cm
Banner is perfectly stretched -no sags or wrinkles. Beautifully framed. Easy to change to another banner.

Size of Banner Grip™ frame above: 10 feet x 16 feet, Inches= 120” x 192”, cm= 305cm x 488cm

Photo above: Tampa Bay History Center Bldg. (6) Banner Grip frames installed on custom made mounts, size 8.5 feet wide x 27 feet height, each banner.
Nice, clean framed look. No ugly straps, hooks, hardware or edges visible - all hidden!

Size of Banner Grip™ frame above: 6 feet x 20 feet, Inches= 72” x 240”, cm= 183cm x 610cm

Outdoor or indoor use, aluminum and stainless steel components, no rust drips on wall!