ANVER CORPORATION
ANVER.COM

# Ten Pad Lifting Frames - up to 13000 lb (5898 kg)

Doc. No. 13600142B

Unit comes fully assembled when ordered with:
- GF10T-Series Vacuum Generator (Sold Separately)
- LG-Series Lifting Frame
- Parking Stands (Optional)

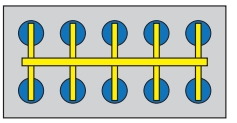
ANVER'S standard lifting frames are built to order using modular components, so there are hundreds of possible combinations depending on the vacuum generator, beam, crossarms and vacuum cups selected.

ANVER vacuum lifters comply with ASME B30.20 and ASME BTH-1 standards. Specifications and rated capacities vary by configuration, and users remain responsible for full compliance with workplace safety, inspection, and operating regulations.

The LG1300M10-Series ten-pad lifting frames are ideal for handling carbon steel and stainless steel sheets, plates and non-ferrous materials like aluminum with a capacity up to 13000 lb (5898 kg). The type of vacuum lifter – Mechanical, Electric or Battery – paired with the number of pads used will depend on your application needs.

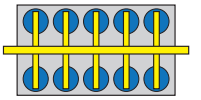
Lifting frame shown with vacuum generator and/or optional accessories, which are sold separately. Unit weight does not include vacuum generator or optional equipment (Parking Stands, etc). To calculate total unit weight, add the compatible generator weight to the lifting frame weight and deduct it from crane capacity.

NOTE: Additional crossarm lengths available for handling wider load sizes. Contact ANVER Application Engineers for more information.

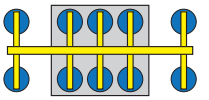


Crossarms in maximum position to handle maximum plate size.

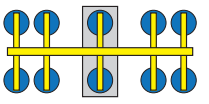
Crossarms can pivot to near parallel with spreader beam to handle narrow plates.



Crossarms adjustable to handle shorter plates.



Inner crossarms (3/5 capacity) for use with smaller plates. Outer pads provided with shut-off valves.



Inner crossarm (1/5 capacity) for use with smaller plates. Outer pads provided with shut-off valves.

## Features

- Fully welded rigid frame makes the load handling stable via a high hook point. Reinforcement bracing provided on longer length lifting beams.
- The GF-Frame includes a main vacuum reservoir as a primary with a secondary reservoir running the entire length of the spreader beam. Resulting in near instant attach time, maximizing productivity.
- Front handlebar and end of beam tag line loops provided to facilitate maneuvering.
- Vacuum pads swivel and feature top & bottom springs to handle wavy plate.
- Bolt-on sealing rings feature rugged seals that can be replaced easily. This can be done in minutes with the lifter resting on its parking stands (Sold Separately).
- Standard modular contruction allows quick service and/or replacement of Vac-Packs, as needed to minimize downtime.

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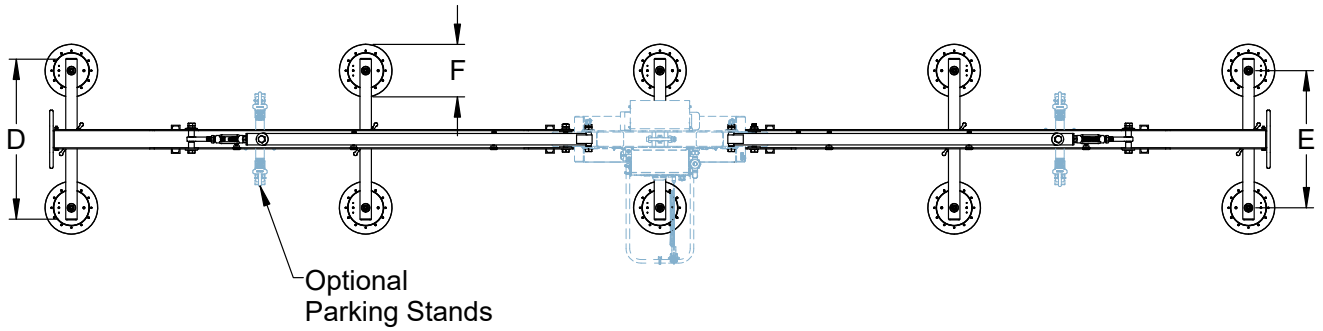
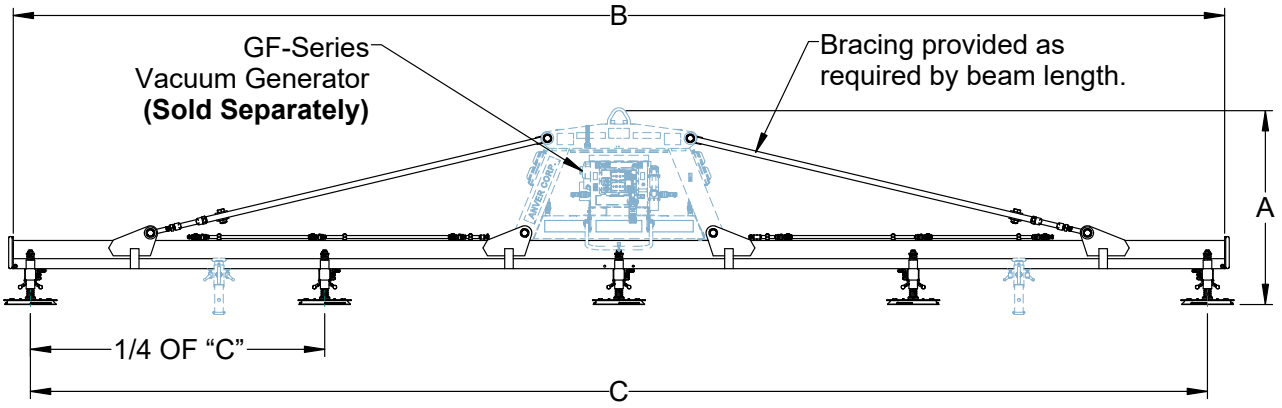


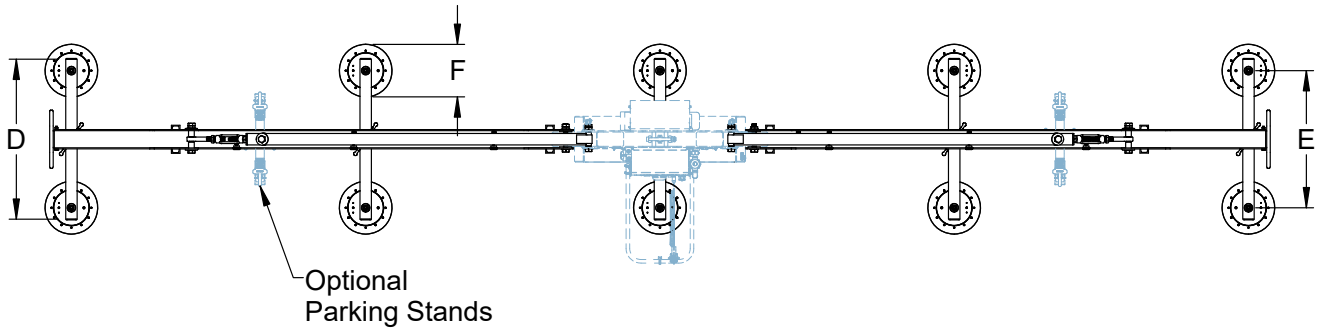



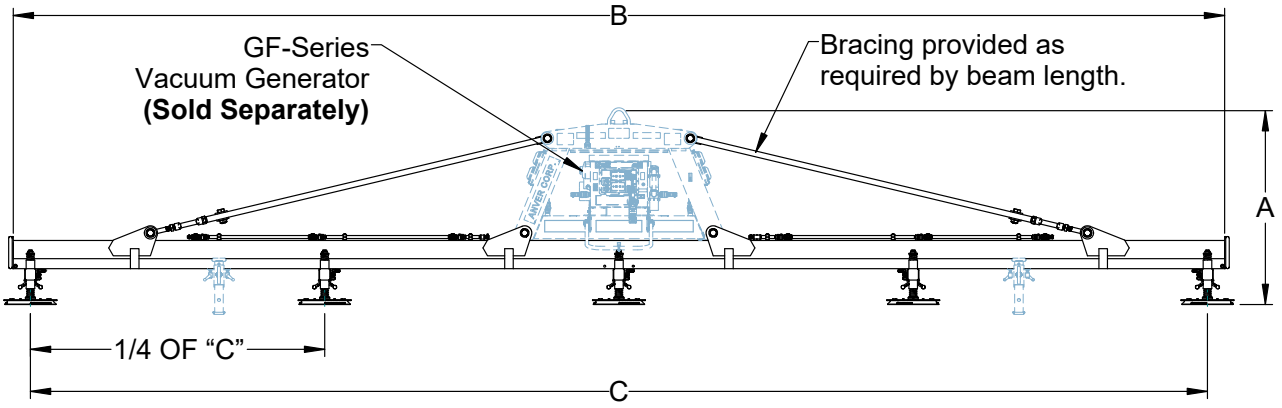

| Lifting Frame Number | LG1300M10-250-5/44FX | LG1300M10-298-5/44FX | LG1300M10-346-5/44FX |
|---|---|---|---|
| Compatible Generator Series | GF10T-Series | GF10T-Series | GF10T-Series |
| Rated Load Capacity [lbs (kg)] | 13000 (5898) | 13000 (5898) | 13000 (5898) |
| Approximate Unit Weight [lbs (kg)] | 1275 (578) | 2250 (1021) | 2375 (1075) |
| A Lifting Frame Headroom [in. (mm)] | 67 (1698) | 67 (1698) | 67 (1698) |
| B Spreader Beam Length [in. (mm)] | 250 (6350) | 298 (7569) | 346 (8788) |
| C Outer Pad Centers Maximum [in. (mm)] | 240 (6096) | 288 (7315) | 336 (8534) |
| C Outer Pad Centers Minimum [in. (mm)] | 120 (3048) | 144 (3658) | 168 (4268) |
| D Crossarm Length [in. (mm)] | 44 (1118) | 44 (1118) | 44 (1118) |
| E Pad Centers Along Crossarm [in. (mm)] | 36 (914) | 36 (914) | 36 (914) |
| F Pad Diameter [in. (mm)] | 18.5 (470) | 18.5 (470) | 18.5 (470) |
| Maximum Load Size [ft (M)] | 25 x 8 (7.6 x 2.4) | 30 x 8 (9.1 x 2.4) | 35 x 8 (10.7 x 2.4) |
| *Minimum Load Size w/ Pependicular Crossarms [in. (mm)] | 21 x 57 (534 x 1448) | 21 x 57 (534 x 1448) | 21 x 57 (534 x 1448) |
| *Minimum Load Size w/ Pivoted Crossarms [in. (mm)] | 52 x 38 (1321 x 966) | 52 x 38 (1321 x 966) | 52 x 38 (1321 x 966) |
| Minimum Load Thickness at Maximum Length & Width [in. (mm)] | 18 ga. (1.2) | 11 ga. (3) | 10 ga. (3.4) |
| Vacuum Pad Number | VP185S | VP185S | VP185S |
| Optional Parking Stands | PST45-31-21 | PST45-31-21 | PST45-31-21 |

*Minimum Load Sizes are with outer vacuum pads shut-off. (1/5 rated load) Load capacities at 24 in. Hg, Sea Level.

# Ten Pad Lifting Frames - up to 13000 lb (5898 kg)






| Lifting Frame Number | LG1300M10-394-5/44FX | LG1300M10-442-5/44FX | LG1300M10-490-5/44FX |
|---|---|---|---|
| Compatible Generator Series | GF10T-Series | GF10T-Series | GF10T-Series |
| Rated Load Capacity [lbs (kg)] | 13000 (5898) | 13000 (5898) | 13000 (5898) |
| Approximate Unit Weight [lbs (kg)] | 2900 (1315) | 3150 (1429) | 3550 (1610) |
| A Lifting Frame Headroom [in. (mm)] | 67 (1698) | 67 (1698) | 67 (1698) |
| B Spreader Beam Length [in. (mm)] | 394 (10008) | 442 (11227) | 490 (12446) |
| C Outer Pad Centers Maximum [in. (mm)] | 384 (9754) | 432 (10973) | 480 (12192) |
| C Outer Pad Centers Minimum [in. (mm)] | 192 (4877) | 216 (5487) | 240 (6096) |
| D Crossarm Length [in. (mm)] | 44 (1118) | 44 (1118) | 44 (1118) |
| E Pad Centers Along Crossarm [in. (mm)] | 36 (914) | 36 (914) | 36 (914) |
| F Pad Diameter [in. (mm)] | 18.5 (470) | 18.5 (470) | 18.5 (470) |
| Maximum Load Size [ft (M)] | 40 x 8 (12.2 x 2.4) | 45 x 8 (13.7 x 2.4) | 50 x 8 (15.2 x 2.4) |
| *Minimum Load Size w/ Pependicular Crossarms [in. (mm)] | 21 x 57 (534 x 1448) | 21 x 57 (534 x 1448) | 21 x 57 (534 x 1448) |
| *Minimum Load Size w/ Pivoted Crossarms [in. (mm)] | 52 x 38 (1321 x 966) | 52 x 38 (1321 x 966) | 52 x 38 (1321 x 966) |
| Minimum Load Thickness at Maximum Length & Width [in. (mm)] | .188 (5) | .25 (6.4) | .31 (8) |
| Vacuum Pad Number | VP185S | VP185S | VP185S |
| Optional Parking Stands | PST45-31-21 | PST45-31-21 | PST45-31-21 |

*Minimum Load Sizes are with outer vacuum pads shut-off. (1/5 rated load) Load capacities at 24 in. Hg, Sea Level.