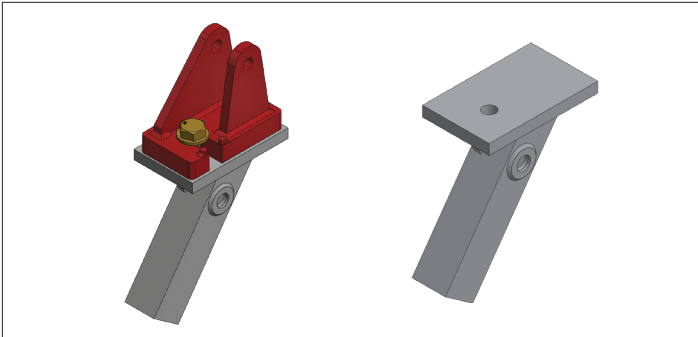


HGA Bracket

Patent pending device for quickly connecting tilt-up brace shoes to helical ground anchors

The HGA Bracket provides a simple connection point between helical ground anchors and tilt-up braces. The design eliminates the need to remove, then reattach, pipe brace shoes. The pipe brace shoe bolts directly to the bracket.

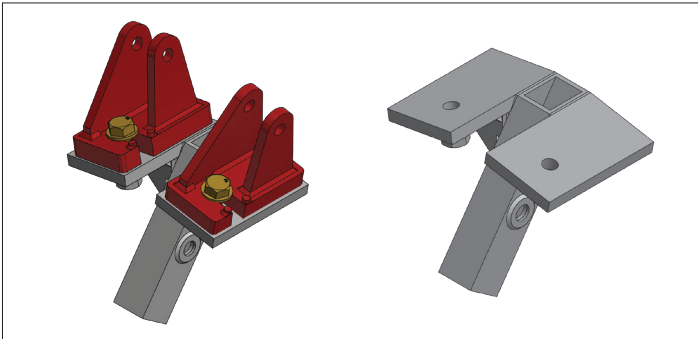
The HGA Bracket is available in a 1-Bolt, 2-Bolt or 3-Bolt configuration. Of course, the tilt-up panel engineering, bracing and anchoring requirements will determine which HGA Bracket is the most effective.



HGA Bracket 1-Bolt with and without brace shoe.

HGA Brackets		
Part No.	Description	SWL*
SBHGA1PB	HGA Bracket 1-Bolt	10,000 lbs
SBHGA2PB	HGA Bracket 2-Bolt	20,000 lbs
SBHGA3PB	HGA Bracket 3-Bolt	20,000 lbs

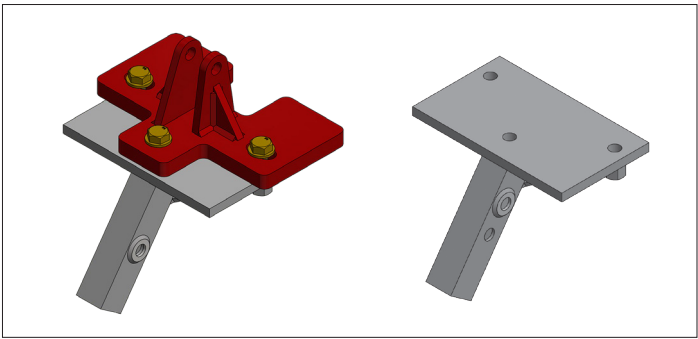
* Safe Working Load based on 1.67:1 safety factor.



HGA Bracket 2-Bolt with and without brace shoe.

Note: The load-ratings of the helical ground anchor, tilt-up brace and HGA Bracket must be considered simultaneously for maximum allowable capacity and spacing.

Note: Helical Ground Anchor, Pipe Brace, and/or soil conditions may be the controlling factor. Capacities for all components must be considered when engineering a bracing configuration.



HGA Bracket 3-Bolt with and without brace shoe.