

VersaSkid® Pipe Support

Pre-Fabricated Stand for Equipment
Mounting on Modular Skid



INNOVATIVE STEEL WORKS & FABRICATION LLC

DESCRIPTION

The VersaSkid® Pipe Supports are designed to work in conjunction with the VersaSkid® modular skid. The base of the pipe supports are specifically designed to attach to the grid of the skid which allows for maximum adjustment in lateral, horizontal, and vertical directions. The VersaSkid® Pipe Supports are bolted in place to allow for field adjustment and eliminates the need to weld. All materials used in the construction of the supports are designed to provide maximum protection from the elements while retaining adjustment functionality.

FEATURES



A patented grid system creates easy connections for stands in lateral and horizontal positions which uses bolts, retaining washers, and nuts to eliminate the need to weld.

Standard stock sizes waive the need for custom design in most cases for pipe sizes 2" through 12". Custom sizing, design, and fabrication is available.

The adjustment rod design provides a high level of structural support and allows maximum adjustment of nine inches from minimum to maximum settings.

The machined aluminum top plate is fitted with a Fabreeka® pad to provide vibration insulation to the supported pipe and protect the pipe coating.

A coated U-bolt secures pipe to top plate.

The VersaSkid® Pipe Support is designed to be exposed to the elements. The support is constructed of 6061 aluminum top plate, carbon steel adjustment rod, and carbon steel base. All steel, including threads, is treated with a corrosion inhibitor and Xylan® coating to prevent thread seizure and eliminate the need for grease fittings.

CONSTRUCTION

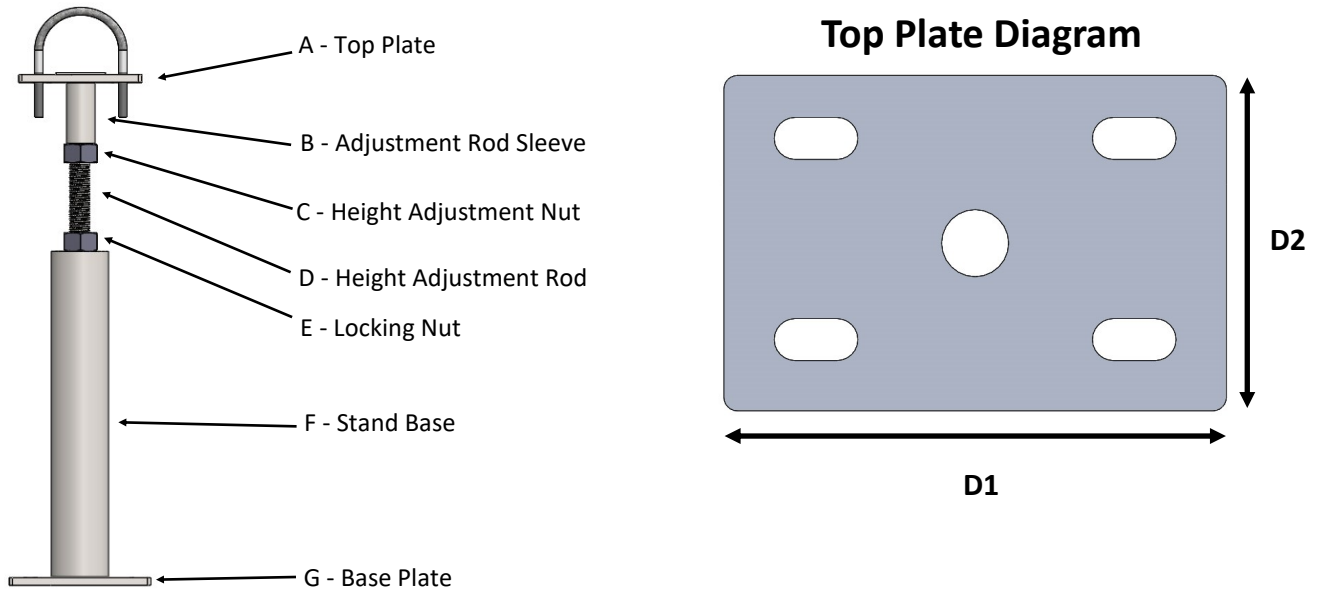
Innovative Steel Works and Fabrication follows AISC Code for all steel fabrication. All welding, weld inspection, and welder qualifications of ISW meet the requirements of AWS D1.1. All materials including channels, angles, bars, and plates meet ASTM A36 specifications. W-Shapes meet ASTM A992 specifications. All surfaces are hot dip galvanized in accordance with ASTM A123 unless otherwise specified.



APPLICATIONS

The VersaSkid® is designed to be used in industrial, utility, or commercial applications where equipment and piping need to be fixed to or supported by a strong base. Ideal for use in the petroleum and natural gas industry, the VersaSkid® design reduces engineering and fabrication efforts. The VersaSkid® provides a robust platform to both permanently install and ship equipment.

The VersaSkid® Pipe Supports are designed to eliminate the need for custom fabrication and reduce delivery times. Supports for sizes 2” through 12” can be configured easily by selecting the appropriate top plate model and corresponding stand base. These selections are highlighted blue in the table below. Section A provides the plate size for the specific pipe size that will be supported. Section F in the table provides the height range for each base size. These heights reflect the measurement from the top of skid to the top of the pipe support or the base of the supported pipe. See example configuration of stand.



| | | | | | | | | | |
|----------|----------------------------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| A | Top Plate Size | | 2" | 3" | 4" | 6" | 8" | 10" | 12" |
| | Top Plate Model | | TP2 | TP3 | TP4 | TP6 | TP8 | TP10 | TP12 |
| | Top Plate Dimensions | D1 | 5" | 6-1/2" | 7-1/2" | 10-1/2" | 12-1/4" | 15" | 17" |
| | | D2 | 4" | 4-1/2" | 5" | 6" | 6" | 6" | 6" |
| | Height | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | |
| B | Adjustment Rod Sleeve | Height | 4" | 4" | 4" | 4" | 4" | 4" | 4" |
| | | Size | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-3/4" | 1-3/4" |
| C | Height Adjustment Nut | Height | 1-7/32" | 1-7/32" | 1-7/32" | 1-7/32" | 1-7/32" | 1-23/32" | 1-23/32" |
| | | Size | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-3/4" | 1-3/4" |
| D | Height Adjustment Rod | Size | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-3/4" | 1-3/4" |
| | | Height | 1-7/32" | 1-7/32" | 1-7/32" | 1-7/32" | 1-7/32" | 1-23/32" | 1-23/32" |
| E | Locking Nut | Size | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-3/4" | 1-3/4" |
| | | Height | 1-7/32" | 1-7/32" | 1-7/32" | 1-7/32" | 1-7/32" | 1-23/32" | 1-23/32" |
| F | Stand Base (height range) | Base Diameter | 3.500 | 3.500 | 3.500 | 4.500 | 4.500 | 6.625 | 6.625 |
| | | Support Height | 21" - 30" | 21" - 30" | 21" - 30" | 21" - 30" | 21" - 30" | 21" - 30" | 21" - 30" |
| | | Support Height | 27" - 36" | 27" - 36" | 27" - 36" | 27" - 36" | 27" - 36" | 27" - 36" | 27" - 36" |
| | | Support Height | 33" - 42" | 33" - 42" | 33" - 42" | 33" - 42" | 33" - 42" | 33" - 42" | 33" - 42" |
| | Support Height | 39" - 48" | 39" - 48" | 39" - 48" | 39" - 48" | 39" - 48" | 39" - 48" | 39" - 48" | |
| G | Base Plate | Width | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" |
| | | Length | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" | 11-5/8" |
| | | Height | 1/2" | 1/2" | 1/2" | 1/2" | 1/2" | 1/2" | 1/2" |

Configuration Example: For a 4 inch pipe support that needs to be 32 inches in height to the base of the installed pipe.

- Select plate model highlighted in blue under 4" - TP4
- Select base option in section F under 4" column - For 32" height the B20 is selected.
- The model to order is TP4B20. This model would provide a 4" support plate and a base with adjustment of 27" to 36".

The base sizes overlap and there could be two choices for a acceptable base models. This provides maximum flexibility in case the exact height is unknown.