

Adjustable Support Columns are designed and tested to meet or exceed the CAN/CGSB-7.2-94 Adjustable Steel Columns standard. REDJACK 2.5, BLACKJACK 3.0 and REDJACK 3.0 are assembled with Column Cap (CCK) or Plate at the column top to support dimensional lumber, SCL or steel beams.

Materials: See chart

Finish: REDJACK 2.5 & REDJACK 3.0 Tube – Powder-Coated Red Paint;
 BLACKJACK 3.0 Tube – Powder-Coated Black Paint;
 Plates, Column Caps – Grey Primer Paint

Installation:

- Ensure column is installed in a vertical and plumb position.
- Column base shall be aligned and secured to a proper supporting slab.
- Top plate shall cover the full width of the supported beam. Beam shall be centered on the top plate and continuous across the entire length of the plate. For split beam applications, please contact MiTek.
- For multiple ply beams, ensure to laminate plies together to act as a single member.
- Square tube may be cut down, ensure cut is smooth, square and level.
- Turn threaded collar or threaded pipe to extend the column to the desired height. 4" maximum adjustment (typ.). Secure the top plate to beam with four (4) 1/4" x 2" screws for wood beam, self tapping screws or tack weld for steel beam.

- HEAVY DUTY ADJUSTMENT ASSEMBLY FOR MAXIMUM LOADS
- MODULAR DESIGN FOR GREATEST JOB SITE FLEXIBILITY
- SQUARE POST FOR EASY AND ACCURATE CUT DOWN
- USE REBAR/ROD THROUGH 9/16" HOLE FOR HEIGHT ADJUSTMENT

Structural Columns – Adjustable

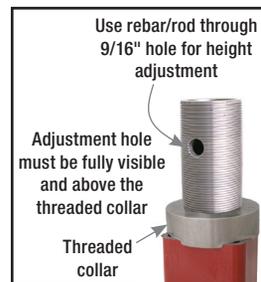
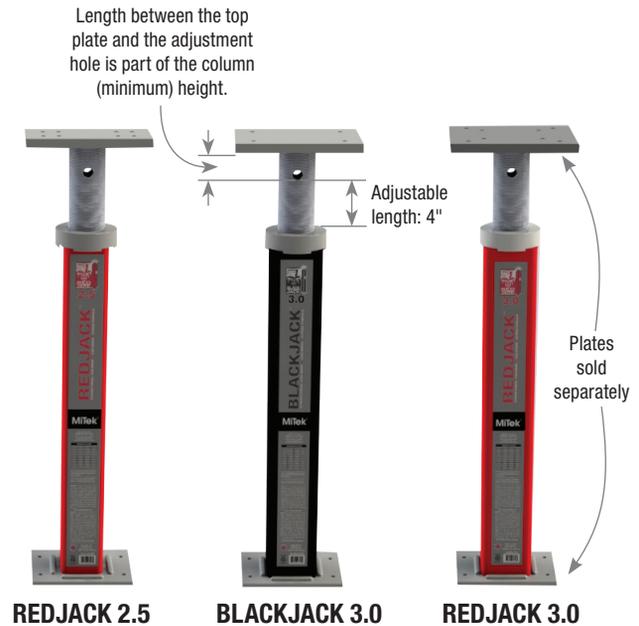
Column Height Specification Table

REDJACK 2.5: Tube 2-1/2" x 2-1/2", 11 Gauge				
MiTek Stock No.	Adjustable Height		Extended Length	
	in	mm	in	mm
RJ25x96	92 - 96	2337 - 2438	96	2438
RJ25x102	98 - 102	2489 - 2591	102	2591
RJ25x108	104 - 108	2642 - 2743	108	2743
RJ25x120	116 - 120	2946 - 3048	120	3048

BLACKJACK 3.0: Tube 3" x 3", 10 Gauge				
MiTek Stock No.	Adjustable Height		Extended Length	
	in	mm	in	mm
BJ30x96	92 - 96	2337 - 2438	96	2438
BJ30x102	98 - 102	2489 - 2591	102	2591
BJ30x108	104 - 108	2642 - 2743	108	2743
BJ30x120	116 - 120	2946 - 3048	120	3048

REDJACK 3.0: Tube 3" x 3", 8 Gauge				
MiTek Stock No.	Adjustable Height		Extended Length	
	in	mm	in	mm
RJ30x90	86 - 90	2184 - 2286	90	2286
RJ30x96	92 - 96	2337 - 2438	96	2438
RJ30x102	98 - 102	2489 - 2591	102	2591
RJ30x108	104 - 108	2642 - 2743	108	2743
RJ30x114	110 - 114	2794 - 2896	114	2896
RJ30x120	116 - 120	2946 - 3048	120	3048
RJ30x144	140 - 144	3556 - 3658	144	3658

Overall column height consist of: thickness of top plate and bottom plate, tube length, adjustment assembly (screw pipe + threaded collar).



Adjustment Assembly



Square tube design

Copyright © 2021 MiTek Industries, Inc. All Rights Reserved

Continued on next page