

Aluma Frame Table
Al_Frame.Brochure_000_09/10

Aluma Systems
Concrete Construction

Aluma Frame Table System



Consult our Engineering Department for assistance in the application of these accessories. Illustrations and photos are not to scale. All dimensions nominal.

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A HIGH CAPACITY FRAME



At the heart of the Aluma Table system is the strong, yet lightweight Aluma Shoring Frame. Fabricated from structural aluminum alloy to Aluma's industry leading quality standards, the Aluma frame® is based on a 6' width, suitable to efficient table sizes. The excellent selection of available heights makes coming up with the right table size for any application easy.

THE RIGHT ACCESSORIES



Aluma recognizes the need for a system to be flexible and to have a complete range of accessory components to adapt to all project situations. A selection of heads and base plates will serve any shoring option. The new Aluma 1m screw jack is class leading in both strength and light weight. Plus, careful attention to design and quality ensures long-term durability. Of course, Aluma's famous Beams and stringers are available to complete the job.

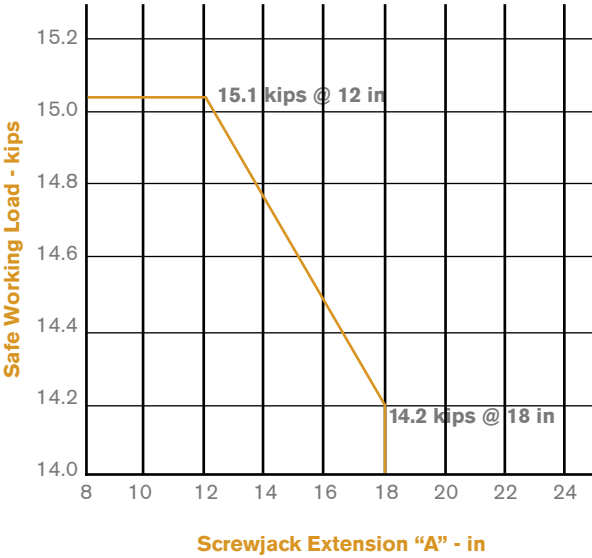
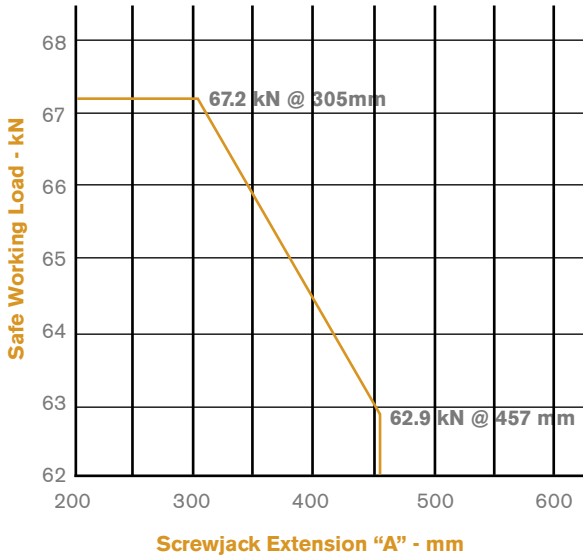
SOLUTIONS FOR THE CUSTOMER



Construction is a never ending job of finding solutions to problems. Aluma is committed to helping their customers perform with maximum safety and efficiency. In addition to Aluma's renowned engineering and project management capabilities, Aluma is also constantly working to enhance and improve our systems. Take for example the new table transport dolly which makes table handling on the site a breeze.

ALUMA FRAME® CAPACITY

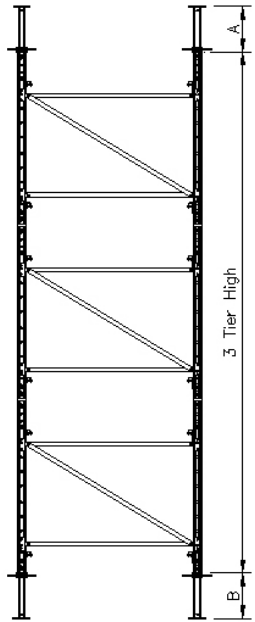
3 tiers high, equal screwjack extension top and bottom



Note: Capacities shown are for complete braced towers, not for free standing frames

ALUMA BEAM® LOAD CHART

SPAN (ft)	Allowable Deflection L/360 (in)	1 SPAN (lbs/ft)		2 SPAN (lbs/ft)		3 SPAN (lbs/ft)	
4.00	0.13	3151 M**		2471 R		2808 R	
4.50	0.15	2490 M		2196 R		2496 R	
5.00	0.17	2017 M		1977 R		2246 R	
5.50	0.18	1537 D		1797 R		2042 R	
6.00	0.20	1184 D		1402 M		1753 M	
6.50	0.22	931 D		1193 M		1728 R	
7.00	0.23	745 D		1030 M		1288 M	
7.50	0.25	606 D	*606	896 M	1144 D	* 1144	
8.00	0.27	499 D	*468	788 M	942 D	* 883	
8.50	0.28	416 D	*367	676 M	786 D	* 693	
9.00	0.30	351 D	*292	622 M	662 D	* 551	
9.50	0.32	298 D	*235	558 M	563 D	* 444	
10.00	0.33	256 D	*192	509 M	* 462	482 D	* 362



Notes: 1. R denotes reaction governs. With beam fully supported on 200 mm Aluma J-head. For different support conditions consult Aluma Systems Engineering for capacity.
2. M denotes moment governs.
3. D denotes deflection governs (deflection < L/360).
4. Values with * denotes deflection governs with deflection limited to 6 mm.
5. Factor of Safety – 2.2:1

ALUMA TABLE ACCESSORIES



Aluma Frame®

Item #	Weight kg.	Size
222	15.5	6' x 3'
5164	18.3	6' x 4'
216	19.0	6' x 5'
215	21.2	6' x 6'
233	23.0	6' x 7'
245	33.7	6' x 8'



Transport Dolly

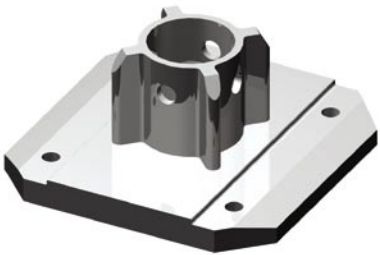
761	176.4	2438 x 2143 mm
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C-Caddy

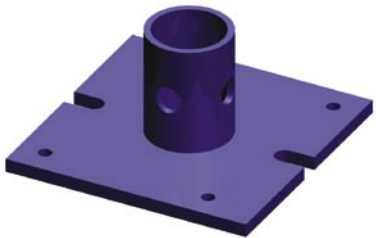
PD-27-600	480	4m x 0.9 m
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ALUMA TABLE ACCESSORIES



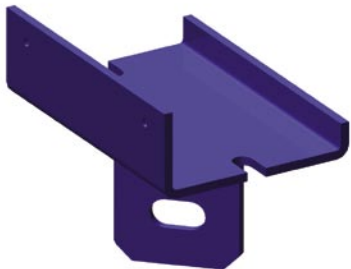
Base Plate for Aluma Frame

Item #	Weight kg.	Size
228	1.4	170 x 170 mm



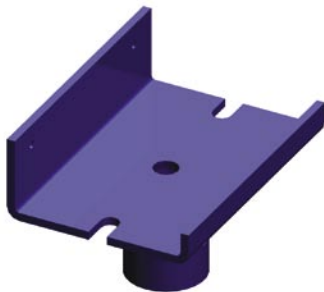
Base Plate for 1m Screwjack

7551	2.5	178 x 178 mm
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J-head for Aluma Frame

7601	2.5	203 x 130 mm
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J-head for 1m Screwjack

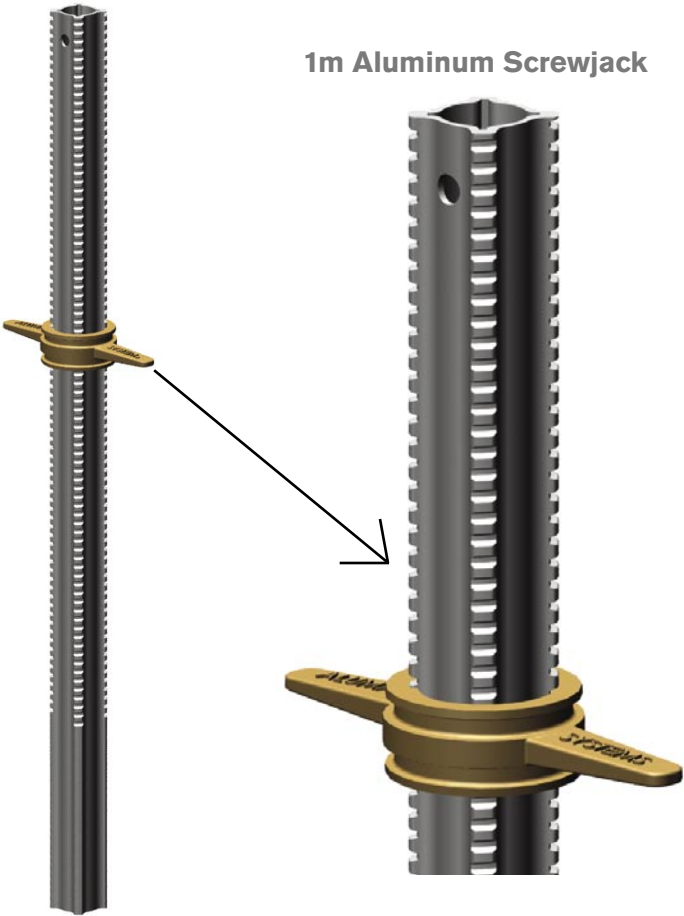
5160	2.8	203 x 130 mm
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A-clamp

4046	0.06	60 x 65 mm
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ALUMA TABLE ACCESSORIES



1m Aluminum Screwjack

Item #	Weight kg.	Size
7436	6.7	1300 mm



Extension Staff

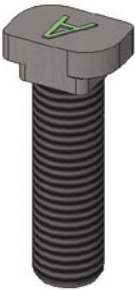
230	4.1	1185 mm
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U-Pin for Aluma Frame



238	2.4 lbs.	152 mm
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ALUMA TABLE ACCESSORIES



Aluma Bolt

Item #	Weight kg.	Size
3986	0.04	1/2" dia. - 1.5"
4361	0.05	1/2" dia. - 2"



Toggle Pin

4352	0.11	9.5 x 200 mm
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Aluma Beam®

85	16.5	2.75 m
15	19.2	3.20 m
16	21.9	3.66 m
14	25.6	4.27 m
12	29.3	4.88 m
11	32.9	5.49 m
17	38.5	6.41 m



Aluma Stringer

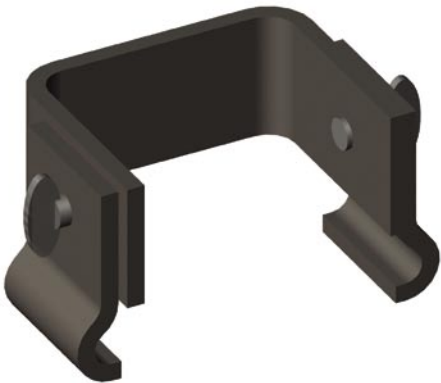
5231	19.7	2.75 m
4870	23.3	3.20 m
5155	26.6	3.66 m
4871	37.2	5.10 m
5773	47.7	6.30 m

ALUMA TABLE ACCESSORIES



Interframe Connector

Item #	Weight kg.	Size
231	0.9	216 mm



Retainer clip for 1 m
Screwjack

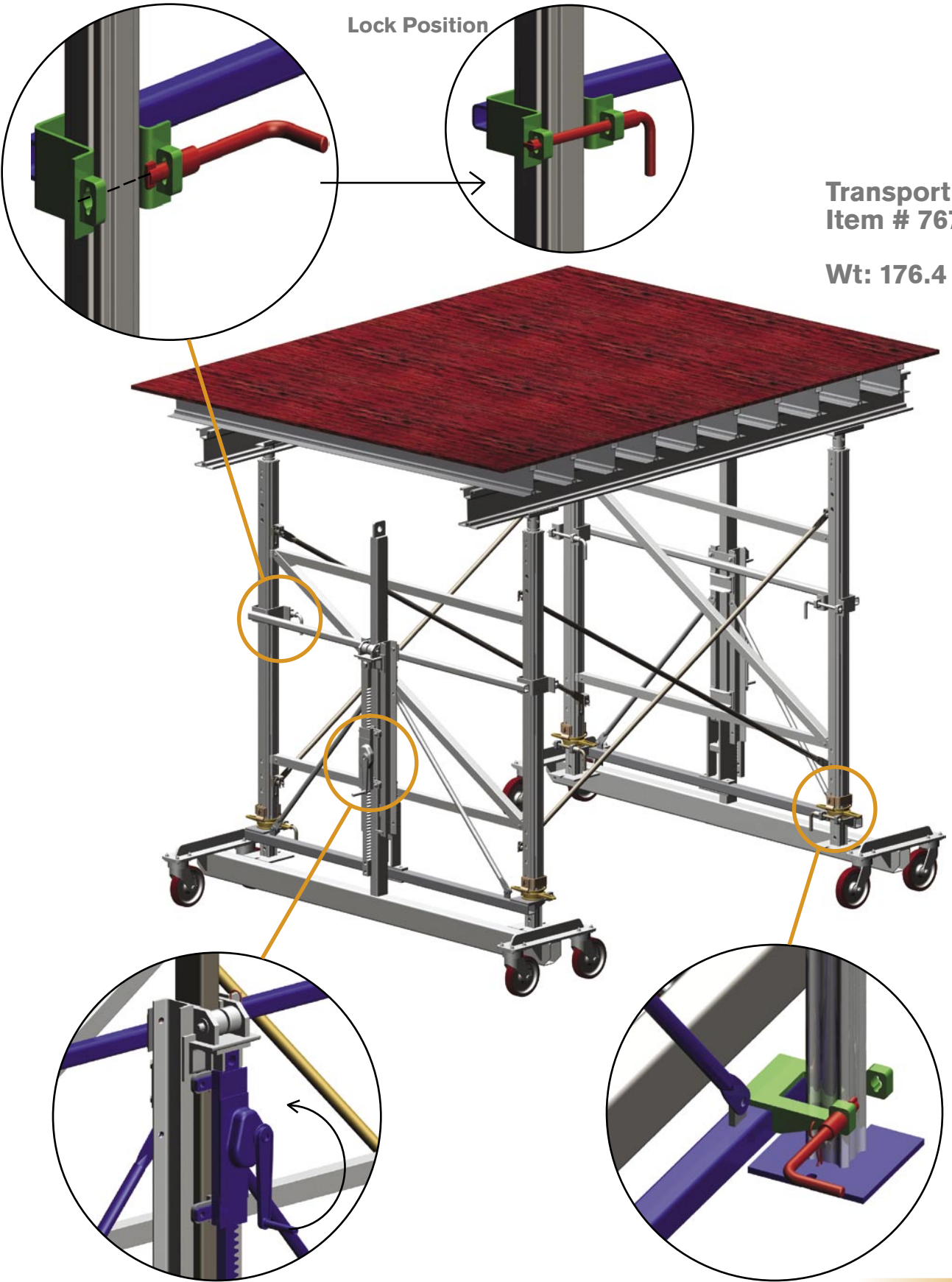
7071	1.1	115 x 82 mm
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Cross Brace

2183	3.6	1219 mm
2184	4.0	1524 mm
2186	5.1	2134 mm
2189	6.8	3048 mm

TRANSPORT DOLLY APPLICATION

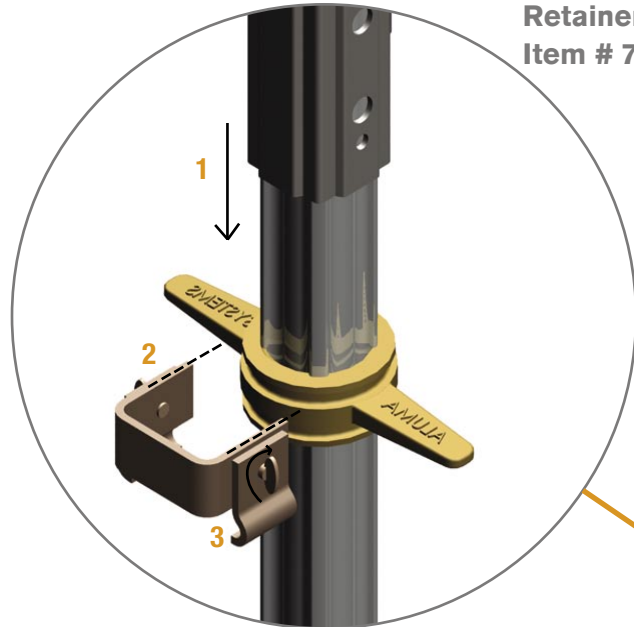


Transport Dolly
Item # 7671

Wt: 176.4 kg.

ALUMA TABLE SYSTEM

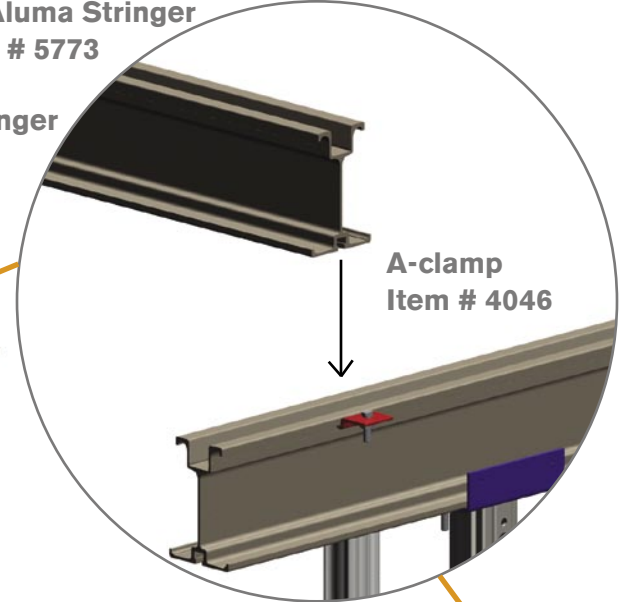
Retainer clip for 1 m Screwjack
Item # 7071



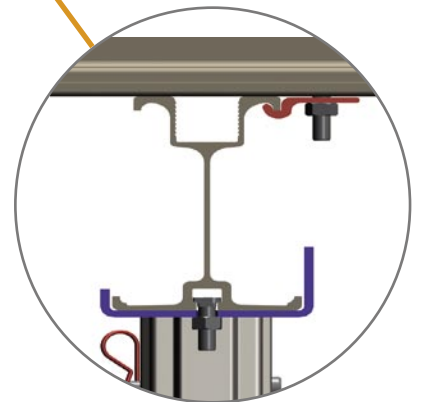
10' Aluma Stringer
Item # 4870

20' Aluma Stringer
Item # 5773

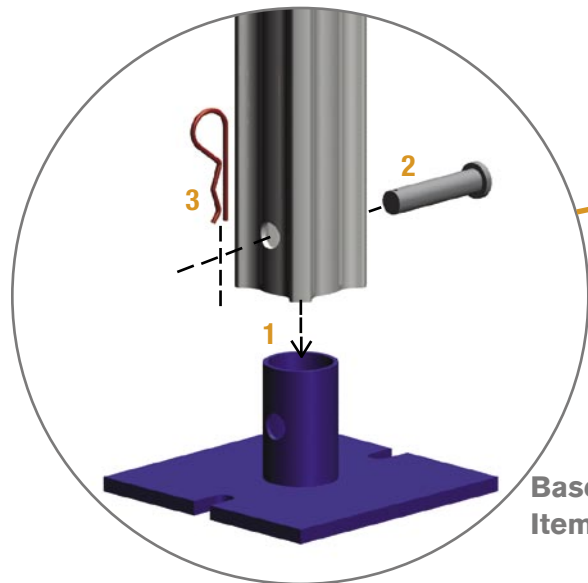
A-clamp
Item # 4046



SIDE VIEW

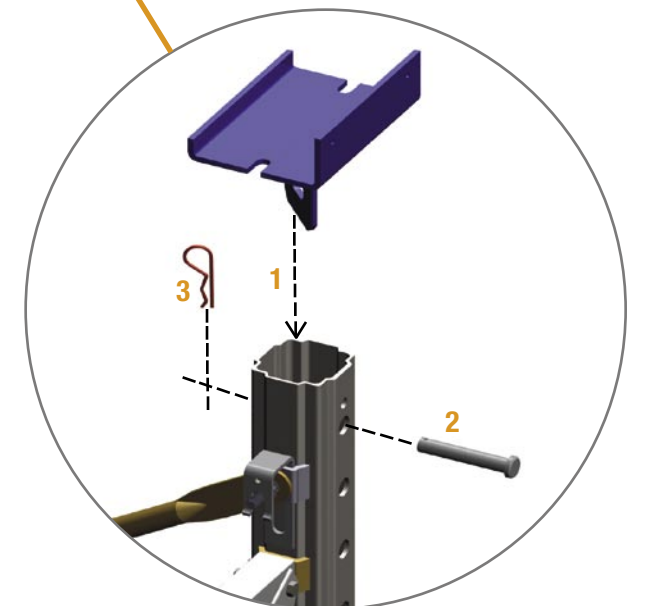


1m Aluminum Screwjack
Item # 7436



Base Plate for 1 m Screwjack
Item # 7551

J-head for Aluma Frame
Item # 7601



Aluma Frame®