

# Betaweld Welding Tent 2.5 x 3.0m Cranable

## INSTALLATION GUIDE

Part No: 11059



***UV STABILISED AND FIRE RETARDANT***

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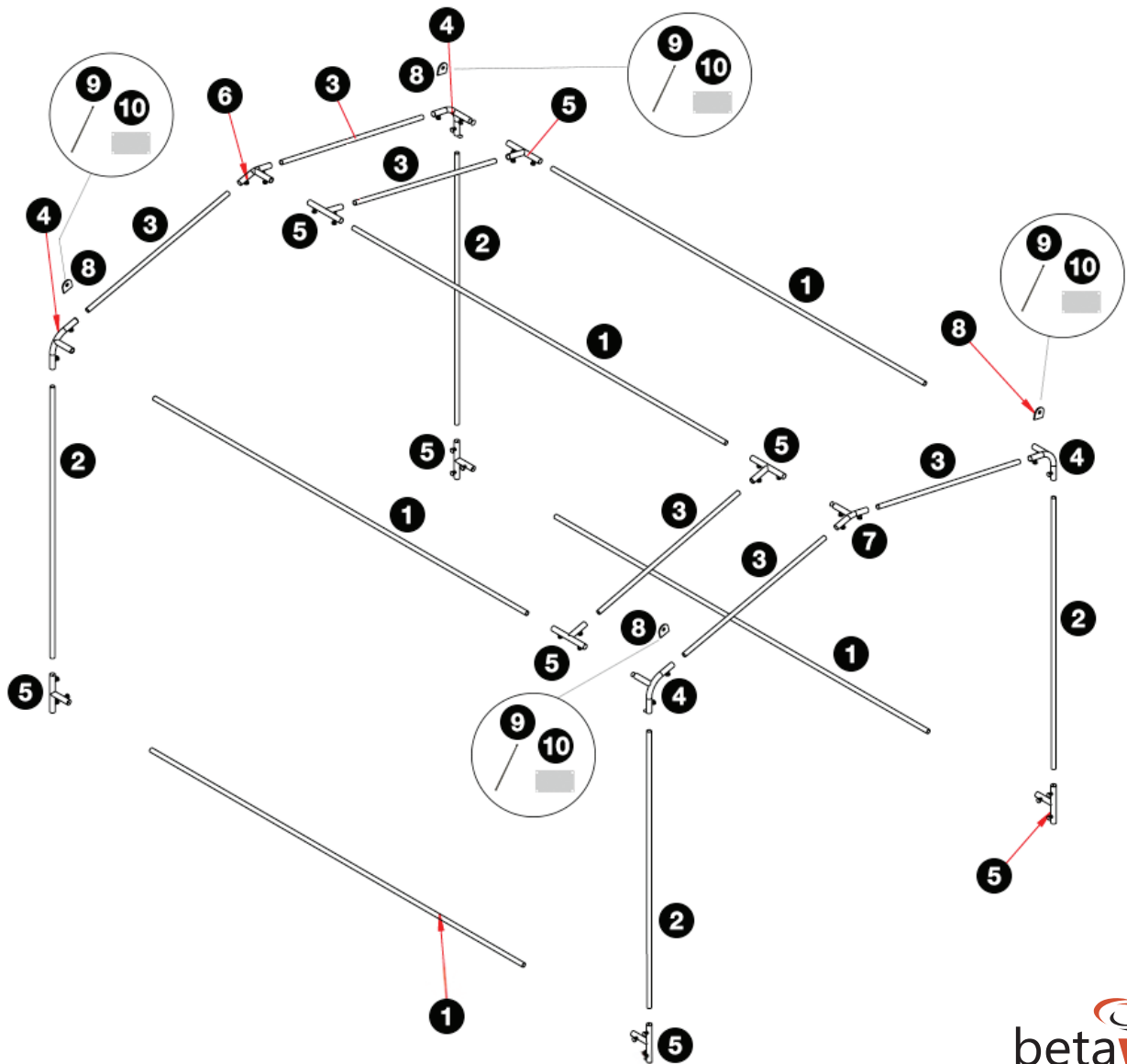
  
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# Recommended Tools (not included):

 Safety Gloves     Tape Measure     Marking Pen     MIG or STICK Welder     Site Compliant Cutting Blade

## Parts Included:

ITEM	DESCRIPTION	QTY	LENGTH
1.	Support Bar-Long	5	3020mm
2.	Leg	4	1900mm
3.	Support Bar- Short	6	1170mm
4.	Roof Corner Fittings - LH Roof Corner Fittings - RH	2 2	N/A N/A
5.	T- Bar Support	8	N/A
6.	Roof Support Fitting	1	N/A
7.	Roof Support Fitting	1	N/A
8.	Lifting Lug	4	N/A
9.	Metal Cable Tie	4	N/A
10.	Engineering Load Plate	4	N/A
11.	Tent Cover	1	N/A



# INSTALLATION STEPS

💡 Please note: All welding as part of this installation must be carried out by a competent operator and to your site-specific structural code.



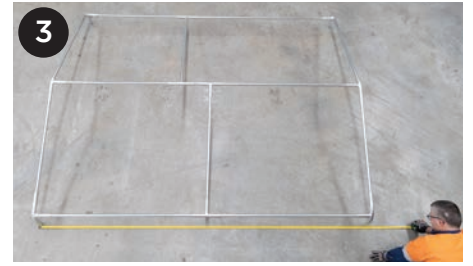
## Check Installation Parts

Unpack boxes and check all components are present as per packing list.



## Assemble Roof Structure

- Layout the roof structure parts on the ground.
- Position 3 x long support bars (#1) horizontally, spaced to allow short support bars (#3) to fit vertically between them.
- Slide 1 x T-Bar (#5) onto each outer long bar and 2 onto the centre bar.
- Attach 1 x corner fitting (#4) to each end of the outer bars, and 2 x roof support fittings (#6, #7) to each end of the centre bar.
- Insert 6 x short support bars (#3) vertically into the fittings and T-Bars to assemble the roof frame.



## Check Roof Size

Measure width & length of roof frame to confirm frame is correctly balanced before conducting any welding.

Maximum dimensions:  
3075mm (L) x 2525mm (W)



## Weld Pipe Joints

Weld every joint where pipe meets fitting to secure the roof structure in place (26 points). Allow to cool before proceeding.



## Mark Lifting Lug Placement

Measure and mark 30mm from inside edge of all corner fittings (#4).



## Weld Lifting Lugs

Use marking to place outer edge of 1x lifting lug (#8) in place. Weld flat edge onto corner fitting as shown. Weld of the lift eye must be a minimum size 3mm fillet weld.



## Add Legs

Add 4 x legs (#2) to the bottom of each corner fitting (#4). Once in place, weld these parts in place and allow to cool.



## Add Bottom Supports

Add 2 x long support bars (#1) horizontally across the bottom of the structure using 4 x T-Bars (#5) to connect with the legs at each end. Weld 8 points where pipes and fittings join to secure in place. Allow to cool.



## Install Tent Cover

Line up the corners of the tent cover with the frame structure, using the openings at each end to identify the entry/exit points. Pull cover over structure completely.



## Cut Opening for Lifting Lugs

Mark 150mm slit above lifting lugs on each corner of the tent cover. Cut through cover to expose lifting lugs for craning functionality.



## Secure Engineering Load Plates

Use provided metal cable ties to secure engineering load plates to all lifting lug points.

**Engineering documentation available upon request**