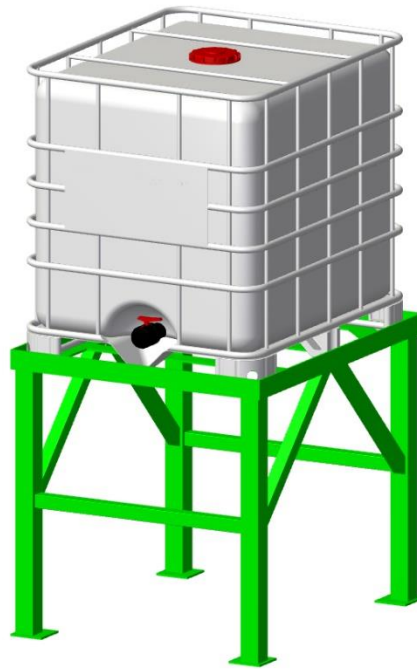


*1000 Litre  
IBC Stand  
Plans*



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## 1000 Litre IBC Stand

An IBC (Intermediate bulk container), also known as water pod, IBC tote, IBC plastic water tank or pallet tank, is used store various liquids. This stand will make it easy to dispense the liquids into other containers.

This IBC stand is designed for a standard 1000 litre IBC which has dimensions of 1000mm wide x 1200mm long. If the IBC you intend to use is a different size, then you will need to adjust the size of the top main frame to suit.

To make the best use out of your lengths of steel, we have a free-to-use Cutting List Optimiser on our website. Visit <https://www.kurraglenindustries.com.au/linear-cutting-list-calculator.htm>

The following steel and materials are required to build the IBC stand:

100x75x8 angle – 4.6 metres	75x75x3.0 SHS – 4 metres
75x8 flat bar – 2.6 metres	130x8 flat bar – 600mm
50x50x2.5 SHS – 5 metres	

Cutting List for the IBC stand				
Item No	Quantity	Material	Size (mm)	Notes
1	2	100x75x8 angle	1245	Refer to diagram 1 for mitre cut details
2	2	100x75x8 angle	1045	Refer to diagram 1 for mitre cut details
3	4	75x8 flat bar	220	45 degree cut both ends. Refer diagram 2
4	2	75x8 flat bar	845	
5	4	75x75x3.0 SHS	1000	**Or leg height to suit your purpose
6	4	50x50x2.5 SHS	735	45 degree cut both ends. Refer diagram 3
7	2	50x50x2.5 SHS	870	
8	4	130x8 flat bar	130	

1. Begin by cutting all of the steel as indicated in the cutting list. Label each with the item number on it using a marking pen and set aside. Take note of the mitre cuts for the angle, flat bar and SHS to ensure that they are cut the correct way.

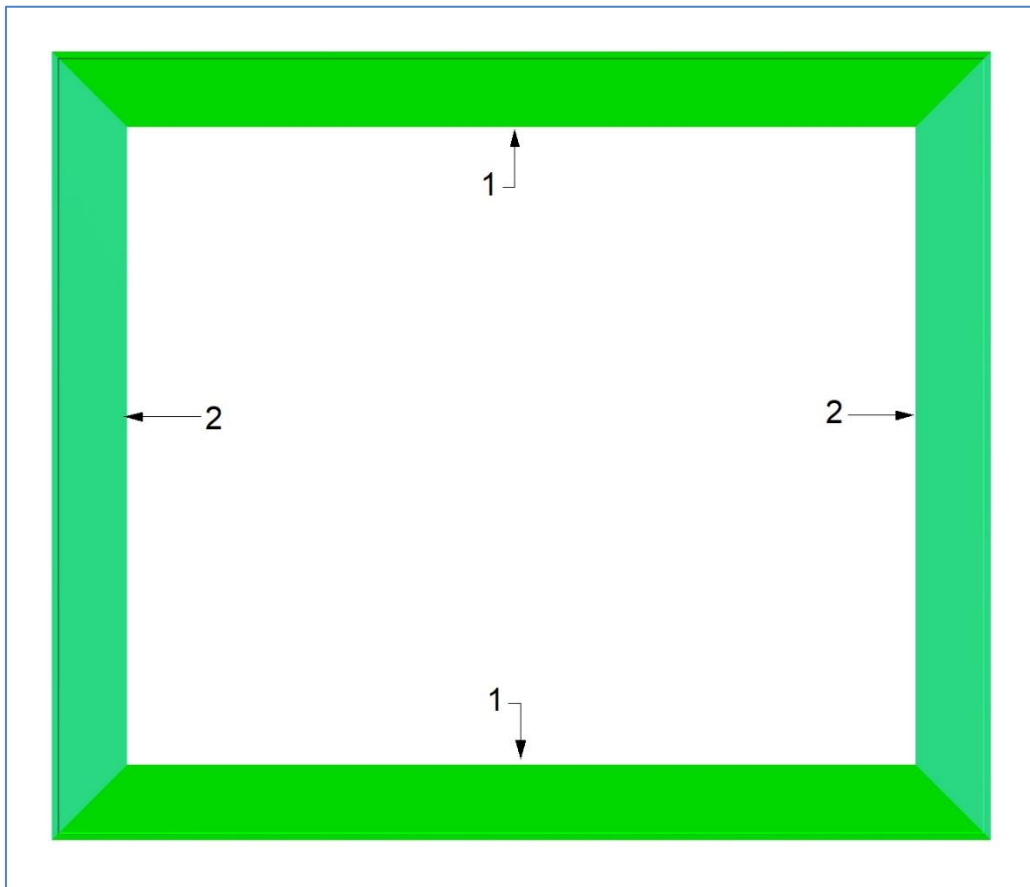


Diagram 1

2. Tack weld the top frame together as shown in diagram 1. Check that the frame is square and fully weld.

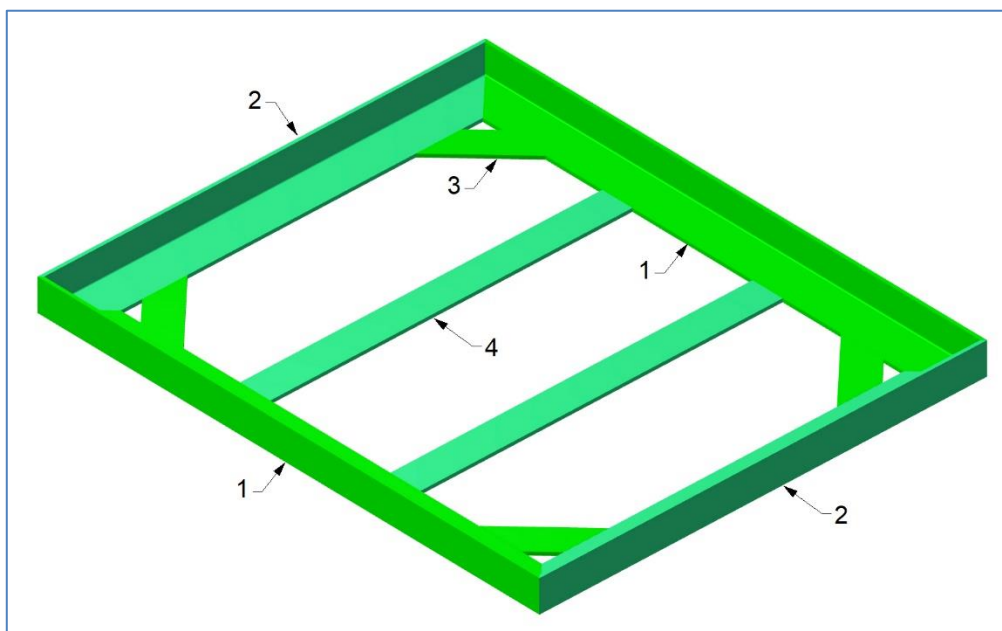


Diagram 2

3. Tack weld items 3 and 4 in place as shown in diagram 2. Recheck that the frame is still square and fully weld.
4. Turn the top frame upside down and tack weld items 5 in place. Ensure that there is a distance of 870mm between the legs for items 7 to fit. Tack weld items 7 in place. These should be installed 480mm up from the bottom of the legs. Refer to diagram 3.
5. Tack weld items 6 in place as shown in diagram 3.
6. Recheck that the legs are plumb and that the stand frame is still square and fully weld.

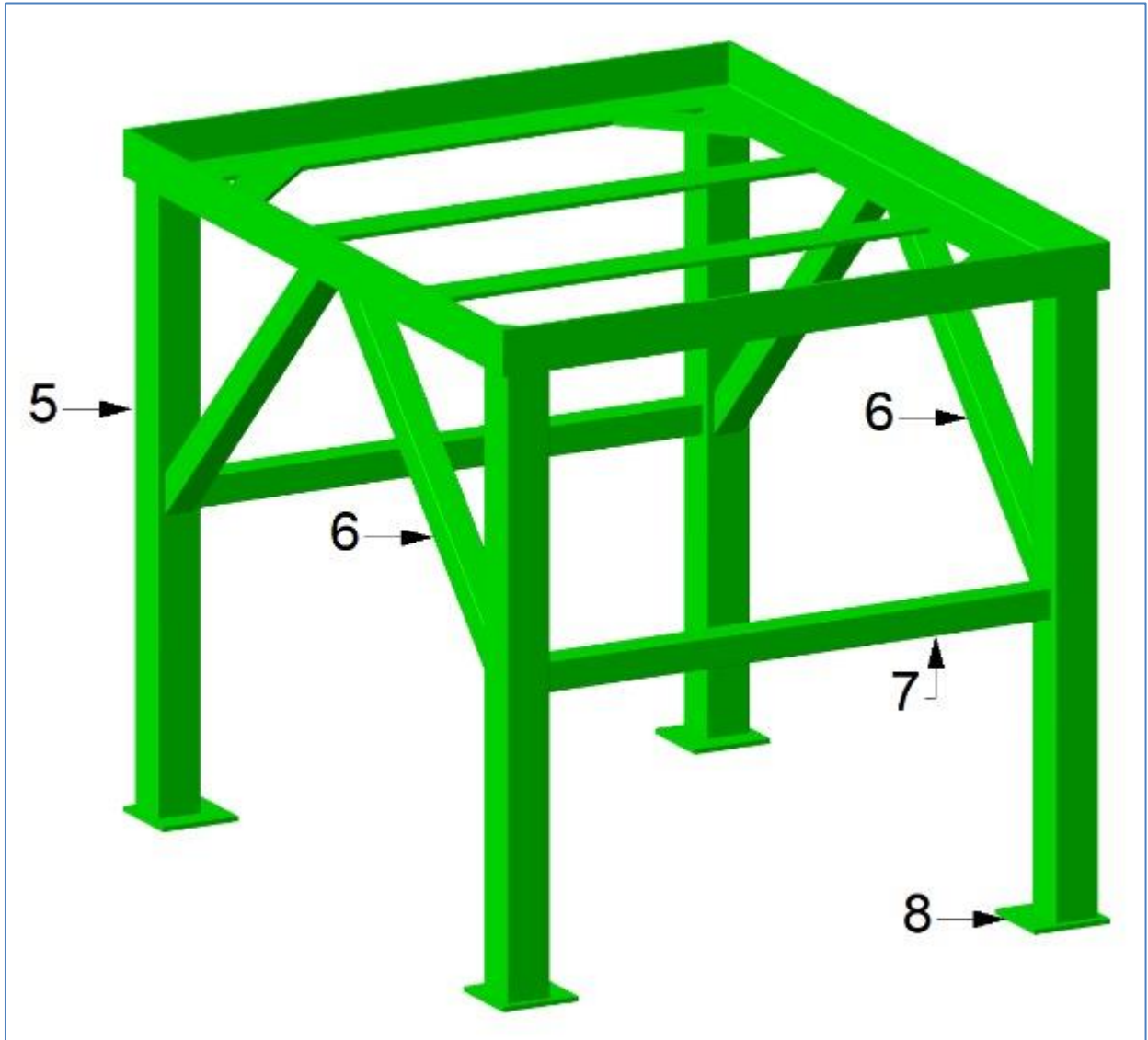


Diagram 3

7. Weld items 8 onto the bottom of the legs.
8. Clean up any welds using a flap disc or grinding disc and paint as required.

Proud of your project? Email us the photos of your equipment or yards that you have made from our books and we will put them up on our website for others to admire. You can even be in the photo if you would like to be. Be sure that you include your name, where you are from and a brief description. Please make sure that the photos are of good quality, in jpg (jpeg) or png format, at least 72 dpi and at least 900 pixels by 600 pixels. Email your photos to: [projects@kurraglenindustries.com.au](mailto:projects@kurraglenindustries.com.au)