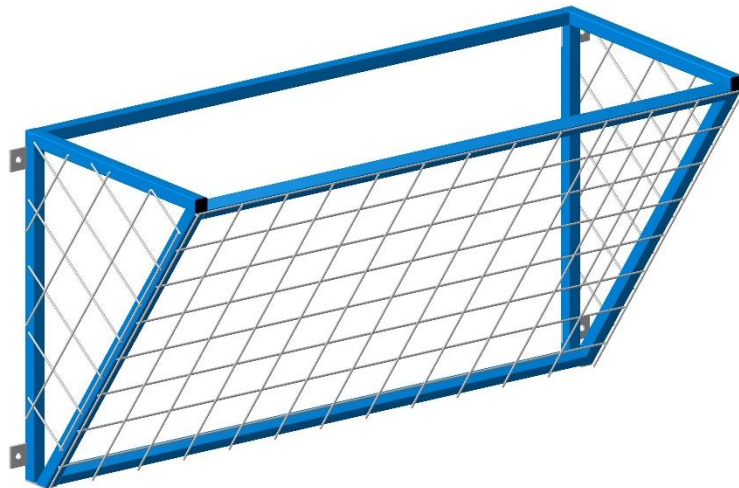


# *Hanging Hay Feeder*

1200mm

*Plans Book*



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## Hanging Hay Rack 1200mm



This small hanging hay feeder is perfect for cattle, horses, alpacas, llamas, goats, sheep, etc. It can be mounted using screws or bolts to a wall or fence. The length suggested is 1200mm long but can be made to any length to suit your own needs.

Tools required include a welder, either stick or mig, G clamps or welding clamps, tape measure, angle grinder for cutting and cleaning up welds, electric drill and a square. You may buy lengths of steel and cut it to the correct sizes if you have either an angle grinder or electric bandsaw or you may choose to have the steel cut for you from a local steel supplier. One thing that will make your job a lot easier is to construct a pair of welding trestles as shown on our website ([www.kurraglenindustries.com.au](http://www.kurraglenindustries.com.au)). The plans for the welding trestles are free.

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 hanging hay feeder:

25x25x2 SHS – 8 metres	25x3 flat bar – 250mm
40x5 flat bar – 250mm	100x100x4 gal mesh
Gal mesh	25x25 mm Plastic caps – 2

Cutting List for the Hanging Hay Rack				
Item No	Quantity	Material	Size (mm)	Notes
1	2	25x25x2 SHS	500	
2	2	25x25x2 SHS	620	
3	2	25x25x2 SHS	778	35 degree cut both ends
4	2	25x3 flat bar	60	
5	3	25x25x2 SHS	1150	
6	4	40x5 flat bar	60	

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. Cut items 3 with a 35 degree angle both ends as shown in diagram 1.

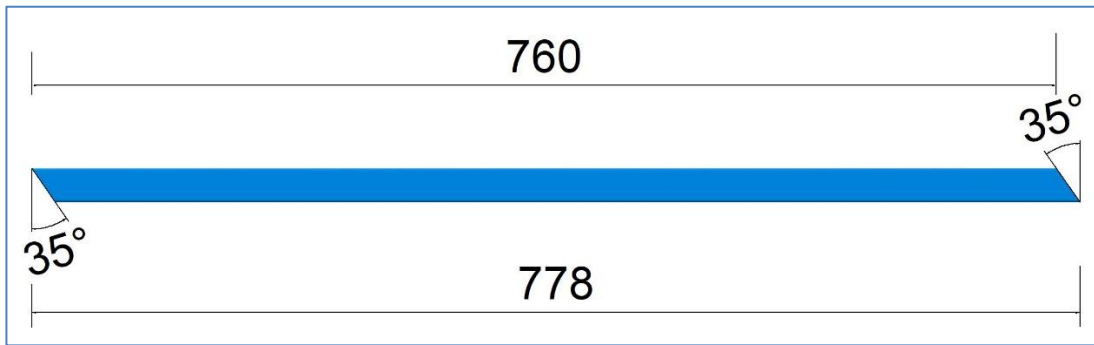


Diagram 1

2. Weld one of each of items 1, 2, 3 and 4 together as shown in diagram 2. Two of these end frames are required. Item 4 (25x3 flat bar) is welded across the ends of items 2 and 3.

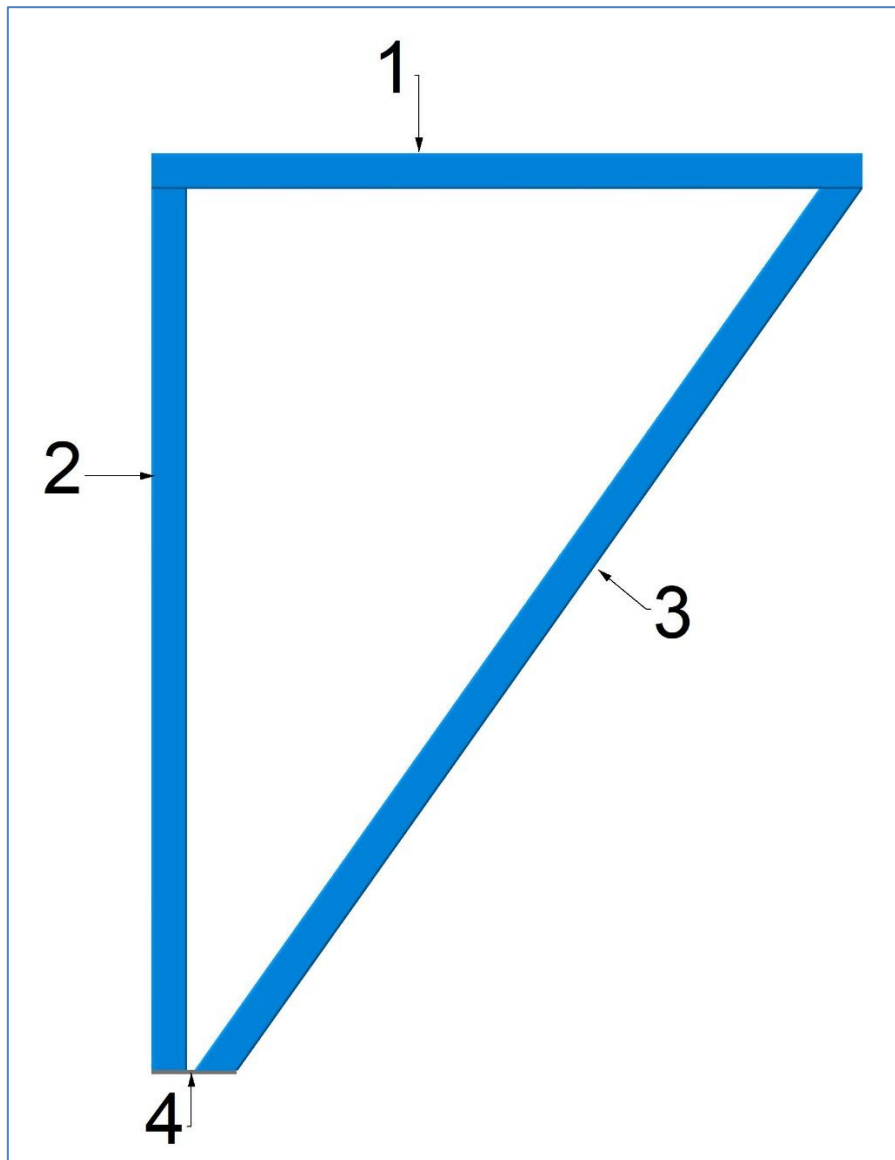


Diagram 2

3. Drill a hole in items 6 (40x5mm flat bar). Refer to diagram 3. We have suggested a size of 12mm but this will depend on the size of the fasteners that you intend to use.

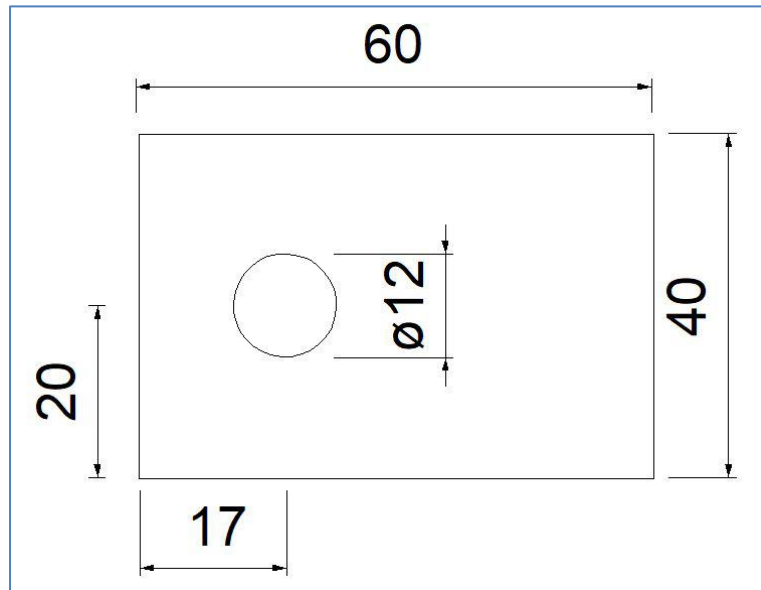


Diagram 3

4. Tack weld the frame together as shown in diagram 4. Recheck that the frame is still square and fully weld. Refer to diagram 4. Weld items 6 in place. The top ones should be approximately 30mm down from the top and the lower ones should be 30mm up from the bottom of the frame.

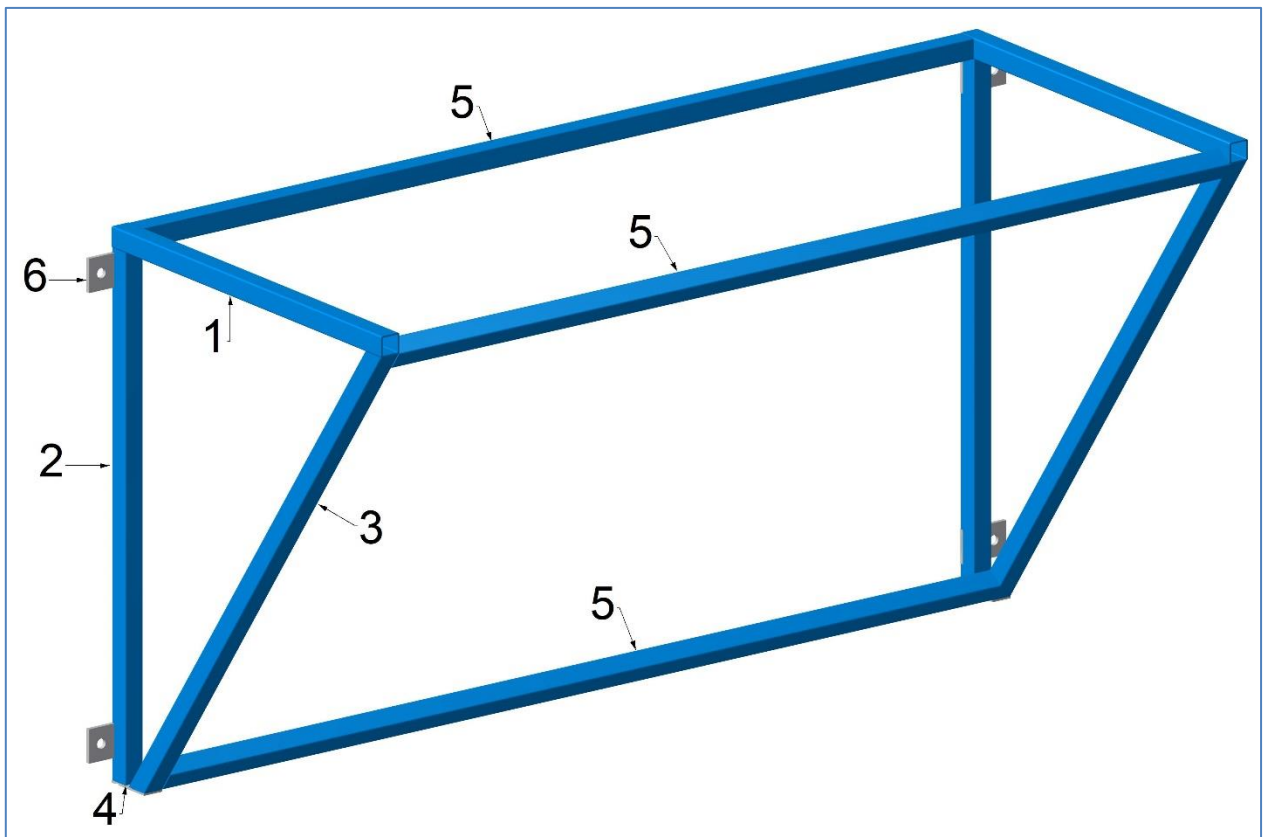


Diagram 4

