



# FIBOPOST Round Yard Assembly

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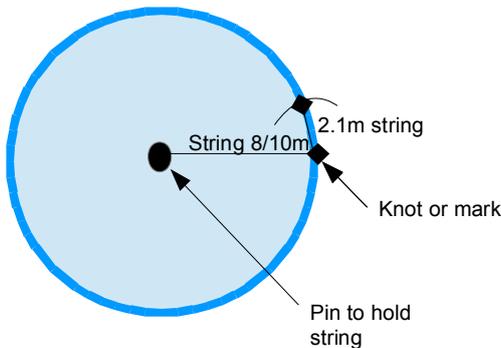
## Assembly of a Round Yard

**Round yards used for Equine exercise and Lunging typically 16m or 20m**

**Fiboposts have been used for this application the guidelines for the material requirements and recommended assembly for each is below;**

Material / Item , price will vary pending supplier/Stockist. Please confirm pricing , as this is a guideline only	16 Meter Round Yard - Qty	Total \$ + gst	20 Meter Round Yard - Qty	Total \$ + gst
Fibopost 600XT 1800mm custom slots x 3 (spacing 500mm from top of post) Offwhite (green tint) 24 posts required for 16m , 30 posts required for 20m, posts in pack of 10 Note Green or Platinum colours are lower cost. (approx \$8/post 1800mm) Post Spacing 2.1m	24	\$240	30	\$300
40mm electric fence tape Required 150m for 16m (sold by DTS 200m rolls) 190m for 20m	200m	\$138	200m	\$138
Gate handle with 40mm buckle ( sold by DTS ) required 3 units + 6 extra buckles incl in price	3	\$67.50	3	\$67.50
330 x 25mm Auger Bit ( soft / not rock or heavy shale need impact drill bit masonry and impact driver "Bunnings")	1	\$58	1	\$58
Post Driver	1		1	
Electric battery drill or impact drill driver.	1		1	
Measuring String	20meter		20meter	
Centre pin for measuring	1		1	
<b>Approx Total</b>		<b>\$504</b>		<b>\$564</b>

DTS – Direct Trade Supplies Phone: 08 94520166 Email: [joe@dtswa.com.au](mailto:joe@dtswa.com.au)



**Note; the above Round yard is 20m diameter with 30 x Fibopost 600XT 1800mm post spacing is 2.1m**

**Fiboposts have a grain or textured finish this increases the grip of the Fibopost in the ground increasing the friction to assist in preventing the Fibopost from sinking or being pulled out of the ground.**

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## Instructions for assembly

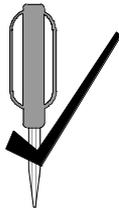
Drive a pin in the centre of the area for the round yard , tie a loop in the end of the string and place over the pin measure 8m for a 16m diameter round yard or 10 m for a 20m diameter round yard either knot or mark at this point this should be one side of the proposed gate or entrance , then measure 2.1m further along the string and mark or knot . With the string taught mark and drill the first hole on the diameter then holding the first knot or mark over the hole scribe a arc over the diameter in anticlockwise direction , then swing the 8 or 10 m mark until it crosses the scribed arc this is the drill position for the next hole drill and move around the circumference of the circle , the last spacing will be 1.5- 2.1m for the gate/ entrance. Make sure that the holes are drilled vertically as the Fiboposts can not be bent into position. Using a post driver drive the Fiboposts into the holes with the slot on the inside of the round yard. Thread the tape through the slots provided , On one side of the gate /entrance use the buckle to prevent the tape passing through the slot with the loop for the gate handle facing into the gateway on the opposite side of the gateway tighten the tape to the required tension and lock with the buckle ( do not cut the tape) fit the tape to the buckle on the back of the handle and adjust to have the required tension on the gate tape . Allow 150mm of tape before trimming . Repeat the process for the 3 tapes .

**Give careful consideration to electrifying round yards as the livestock are confined .**



**FIBOPOST does not recommend driving the Fibopost with a hammer**

**Manual Post driver is being used;**



- If the guide sleeve of the post driver is too large a diameter or too short on the post allows the post to flex, this can also cause the top of the post to be damaged as the striker does not hit the post square - **FIX** change the diameter of the sleeve on the driver or use a sleeve over the post [ see below]
- The guide sleeve is too short and there is flex below the sleeve of the driver - **FIX** change the driver sleeve to be longer at least more than half the length of the post being driven
- The weight of the ballast in the driver is high ( home made drivers usually) and the impact energy is then too high the resulting energy that does not go to the drive the post into the ground and causes flex - **FIX** smaller more impacts of the driver + address a) and b) above

**Pneumatic driver and Hydraulic pile driver are not recommended to be used.**



**Generally** when the post is being driven in and it encounters resistance the recoil will cause flex and the driving angle then changes as a result of the flex causing the post to drive at a angle and not be vertical , the simple way to stop this is smaller impacts but more or hold the post in a manor as above to not allow the recoil to result in flex. **DO NOT** try to bend the Fibopost straight if it is at a angle remove and re-drive the post or pre-drill to maintain vertical post, and check post is not flexing while being driven in.

On Driving the Fiboposts in heavy shale type soils or when the post hits a rock or resistance it goes off to one side pre drill in these heavy conditions with 20-25mm pilot hole , in rock it is recommend pre drilling 20-25mm pilot hole pre-drilling must not be too large a hole as the post must still have to be driven so that it is fixed.

**When the Fibopost stops driving** regardless of how much force is applied it will not be driven in further , the post has encountered rock or other resistance that it can not penetrate , remove the post and pre drill to drive to the desired height out of the ground.



### **Removing the Fibopost**

**Do not** flex from side to side to loosen the post, **pull the post vertical** , use a post puller attached close to the ground and make sure that the puller lifts the post vertically and not at a angle . If the puller uses a rotating locking gripper insert a section of "steel" or other to prevent the puller from damaging the post. (this will spread the load and assist in pulling the post out straight)