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## Mounting V7-4X VFD (PRS Gantry Tools)





## Parts List:



## Introduction

This document covers the VFD installation for the ShopBot PRSalpha or PRSstandard. This document will illustrate the process for mounting both the small and large frame Yaskawa V7-4X drives.

## Installation



Install two T-nut ball & spring pivot inserts (000728) and on the inside face of the tableside in lowest slot.

Loosely attach the upper control box bracket to the T-nuts inside the tableside slot using the 3/4" button head screws and flat washers.

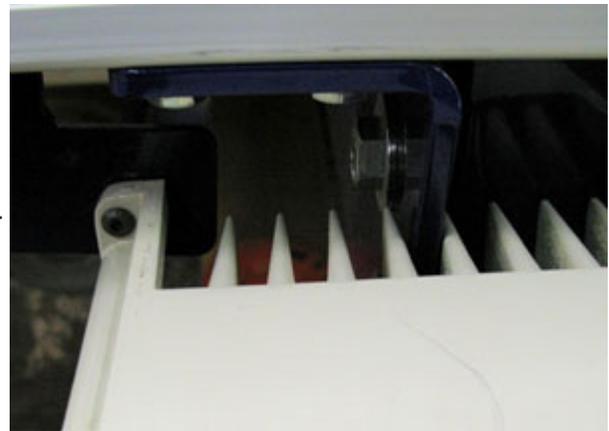
**NOTE:** Be aware that the orientation may need to be flipped to keep from interfering with the existing cross supports.





Use two holes down the right side of the VFD and mount the VFD to the middle leg of the ShopBot using the 10-32x7/8" button heads, #10 flat washer, and #10 nut. Depending on the vintage of machine, there may not be holes down the middle of the leg (three holes). A drawing is included at the back of this document for locating these holes for retro-fit purposes.

Notice that the fins of the VFD need to avoid the upper cross support - position the VFD so that the fins stagger the cross support.

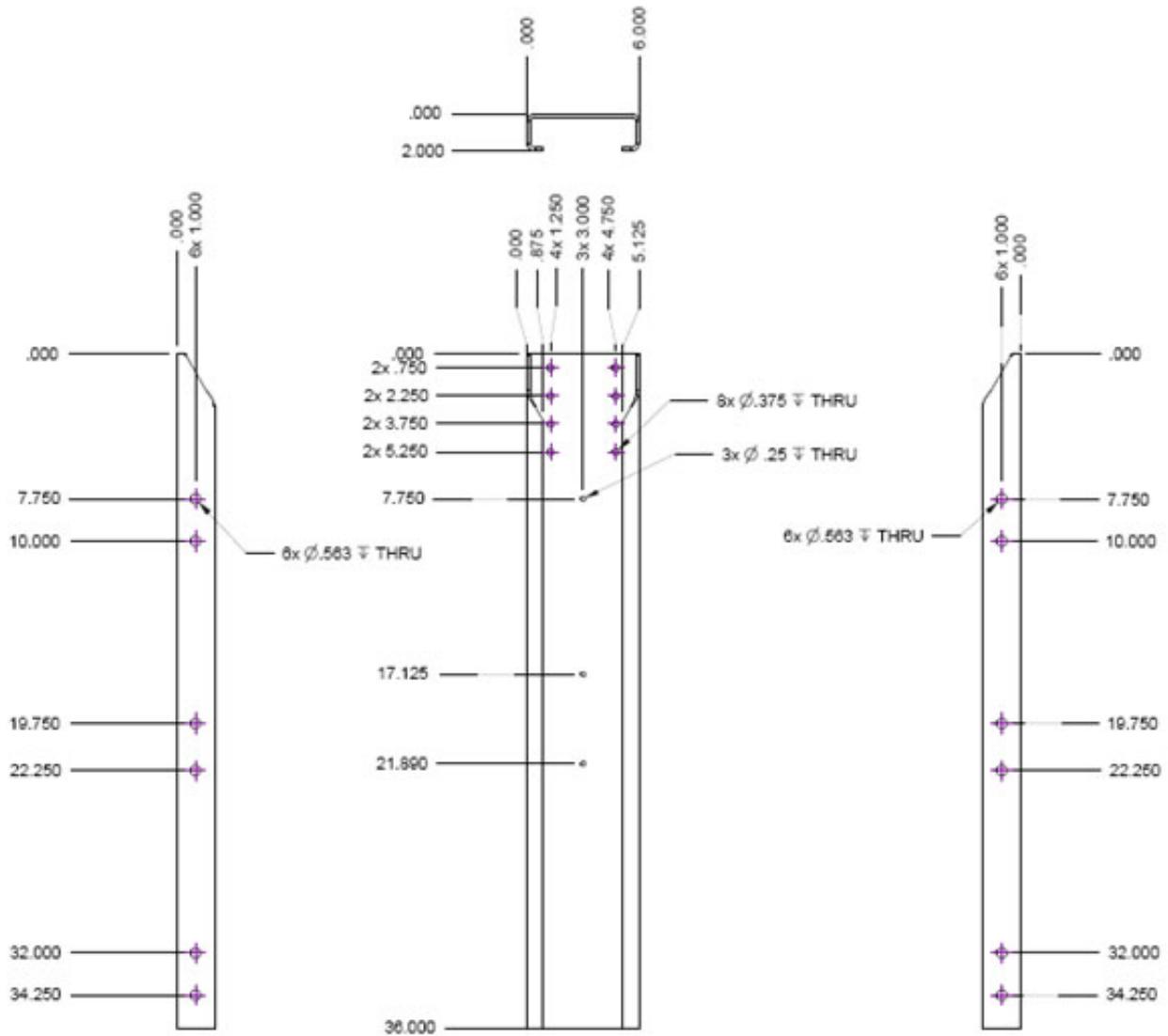


Slide the upper control box bracket so that its mounting hole aligns with the mounting hole of the VFD.

mount the VFD to the bracket using the 10-32x7/8" button heads, #10 flat washer, and #10 nut.

Once the lower bracket is firmly in place tighten the button head screws fastening the upper bracket to the table sides.

## Leg Drawing



Drawing for 00917 Leg Formed 6E R2

Use the above drawings for retro-fitting purposes if needed.

