

Spider Hill's Horizontal Prop Turner HPT-1

Included in this kit:

- (1) Assembled Prop Turning Mechanism
- (6) #10 x 3/4" mounting screws

What you will need to complete this prop:

- (1) 12 volt DC 5 amp power supply and PWM Speed Controller (SHPW item # PPK-1)

General information:

This prop was designed to operate with the output shaft in the horizontal position only!

This unit needs to be mounted to a flat mounting surface to provide proper support of the mechanism.

This prop can be used indoors or outdoors as long as steps are taken to protect the electronics from moisture.

The bearings in the unit are sealed and do not need greased.

Installing the mechanism:

Install all of the mounting screws to provide maximum rigidity to the frame.

We recommend drilling a small divot in the output shaft to keep the mounting hub from slipping!

- 1) Tighten the set screw on the hub against the shaft firmly once the hub is located in its needed position.
- 2) Loosen the set screw and remove the hub from the shaft.
- 3) Locate the circular mark on the shaft made by the set screw. Use a center punch to make a mark in the center of the circular mark.
- 4) Use a 5/16" drill bit to create a divot approx. 1/8" deep into the shaft. (See image)
- 5) Reinstall the hub onto the shaft taking care to align the set screw with the divot. It's a good idea to use a few drops of Loctite Blue thread lock on the threads of the set screw to ensure it stays tight.

Email us at info@spiderhillpropworks with any questions regarding this prop.

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