**Title**

Horizontal Paintbrush Stand

**Subtitle**

An easily mountable stand for paintbrushes.

## Device Specifications

Build Time:

 < 1hr

1-4 hr

 5-10hr

 >10hr

Cost:

 $0 - $10

 $11 - $25

 $26 - $50

 $51 - $100

 $101 - $250

 $250+

Stage: Recently Added

Skills: 3D Printing; Mechanics

Need: Agility / Dexterity

Disability: Mobility / Physical

Difficulty: Beginner

License: CC BY-SA

Usages: Recreation and Leisure

Type:

Designer: Makers Making Change

## Device Details

### Overview

### This is a paintbrush stand designed for use by a Mouth Painter. The Horizontal Paintbrush Stand has a series of spaced horizontal slots to rest the brush during use and enable the painter to switch between brushes independently. The stand has a female 1/4"-20 UNC connection for mounting using commercially available camera mounting equipment.

### Usage

A suitable mounting solution is connected to the bottom of the stand and the working surface. The stand is then positioned at an appropriate height for the user. The user can place and remove brushes to and from the stand as necessary.

### Build Instructions

This build consists of 3D printable parts and some commercial off-the-shelf hardware. Refer to the Maker Guide for instructions on what parts to obtain, and how to print the parts. There are two design variants: A and B.

#### Skills Required

* 3D Printing
* Mechanical Assembly

#### Time Required

3D Printing Time: A: 3h14m / B: 9h45m

Assembly Time: 15 minutes

#### Tools

* ¼”-20 Hex Bolt
* Crescent wrench / pliers for inserting Tee-nut

#### Components

Variant A:

* 1X 3D Printed Base
* 1X 3D Printed Cap
* 1X ¼”-20 UNC Tee Nut

Variant B:

* 2X 3D Printed Base1
* 2X 3D Printed Base2
* 1X 3D Printed Nut Insert
* 1X 3D Printed Cap
* 6X 3D Printed Pins
* 1X ¼”-20 UNC Tee Nut

#### 3D Printing

Refer to the Maker Guide for 3D Printing instructions.

### Design

This device was designed using Autodesk Fusion 360. Original design files are available in the repository.

### Attribution

Designed by Jake McIvor (Makers Making Change) in consultation with Kaileen Selig.