

# PIVOTLINE®

Manual-Rail Finishing System

## FAQs

### **Will I see an increase in production by using your systems?**

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Yes, our products offer the potential for large productivity gains. Our PivotLine customers have reported anywhere from 3x-7x increase in production as well as up to 80% reduction in material handling compared to the typical flat finishing process.

Our Pivot Point customers are able to complete jobs 2x's-2.5x's faster compared to their previous flat finishing process.

### **How much does a PivotLine® System cost?**

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PivotLine Systems are configured and scaled to meet the needs of your shop. The size of your spray booth along with the desired number of parts to be finished at a time are the main factors in configuring a system to fit your production needs.

Contact us and include the dimensions of your booth and volume of parts you'd like to finish and we can work with you to configure your system and give you a cost estimate.

We also have example configurations available for download on the PivotLine product page on our website.

## **PivotLine<sup>®</sup> and PivotPoint<sup>™</sup> are vertical finishing systems – does spraying vertically affect the quality of the finished product?**

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Based on our own experience, as well as that of our customers, the quality of finished products is greatly improved by using a vertical system.

Refer to our video on vertical finishing for detailed information on the many advantages of vertical finishing. (Link below)

## **I'm nervous about switching to vertical finishing. Is it difficult?**

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Like anything else, changing from what you're accustomed to can require a bit of a learning curve, but it's nothing that our hundreds of customers haven't been able to overcome. Almost all of our customers were spraying flat prior to switching and they're experiencing drastic improvements to their production.

**Video: A finisher talks about switching to vertical finishing with PivotLine:**

<https://www.youtube.com/watch?v=IZ3oxsS3K3Q>

## **Do you have tips for spraying vertically?**

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Adjustments in gun pressure, spray technique, and viscosity of the product being sprayed have proven to be the key changes needed when transitioning from flat to vertical finishing.

Changing the spray tip or the fan of the spray gun might be necessary as well.

## **Vertical finishing links**

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**Article: Making the switch to vertical finishing**

[Guffeysystems.com/Resources/Articles/Making the switch to vertical finishing](https://www.guffeysystems.com/Resources/Articles/Making%20the%20switch%20to%20vertical%20finishing)

**Video: The Advantages of Vertical Finishing**

<https://www.youtube.com/watch?v=dFpjzVznRWI>

## **Do you offer installation?**

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No, we do not provide onsite installation. However, we provide general guidelines for installation of the rail and detailed assembly instructions. These are shipped with a system and are also available for download at: [guffeysystems.com/downloads/](https://www.guffeysystems.com/downloads/)

We are happy to provide technical support by phone any time: (865) 316-9633.

To date, all customers have installed their systems with ease using the provided install and assembly instructions. In fact many customers have had their rail system mounted within 24hrs of receiving it.

**(Note for Reps: Since Guffey Systems can't determine the integrity of a shop's ceiling structure, for liability reasons we do not provide detailed instructions for how to install the rail system)**

## What height does the stationary rail install off the floor?

To ensure a smooth and secure connection between a mobile rail and the stationary rail coupler install 71 1/4" from floor to bottom of the rail.

Some of our customers have installed loop rail systems higher and created custom mobile rail extensions or risers.

## Where do I place the Twist Stop?

### Stationary Rails

Place at the end of any open section of stationary rail to prevent parts from rolling off the end of the rail.

### Mobile Rails

Use on mobile rails to secure parts when transporting to and from the spraying area.

Insert the Twist Stop against the nearest spray hub to the end of the mobile rail.

Make sure all spray hubs are nested tightly together against the back of the mobile rail.



## Will parts bump into each other on the rail?

Through testing of different spacing between parts the current spacing between parts (3 1/2") has proven to work great in almost any typical panel situation.

However, if you regularly need more spacing between your parts we offer adjustable spray hub spacers to increase that spacing. We recommend that you try the standard spacing first, since almost all of our customers get comfortable with that spacing quickly.

The Adjustable Spacer kit can create up to 12" center-to-center part spacing.

(See image below left)

Alternatively, use the Spacer housing alone to add just an additional 1" between parts.

(See image below right)



## How do I hang new doors that are drilled after finishing?

Use two offset hangers and attach in the area where the hinge pocket will be drilled out.  
(See image)



## How do I hang doors with old style barrel hinges?

(This is mainly from refinishers working on older cabinets)

Use two offset hangers and attach in the area behind the hinge plates.  
(See image)



## How do I hang a large door?

If the doors are new and have not been drilled, drill for 4 hinges instead of 3 and use the two center hinge pockets with 2 spring clips and the t-bar you choose. (See image below left)

If the doors have already been drilled for 3 hinges, then 2 Offset Hangers can be used on either side of the center hinge pocket and hung using the tooth of each offset hanger over the top edge of the t-bar. (See image below right)



## Can I hang drawer boxes on the system?

Yes. Hang drawer boxes by using a Universal Hanger. It's recommended to use spray hub spacers with metal arms when processing drawer boxes through the system.

(See image)





## What other items can be hung on the system?

There are many items outside of the typical cabinet doors and drawer fronts that can be hung.

See images of some examples below and watch this video of one of our customers talking about the variety of items he hangs on the system:

<https://www.youtube.com/watch?v=oqDZpVCUgH0>

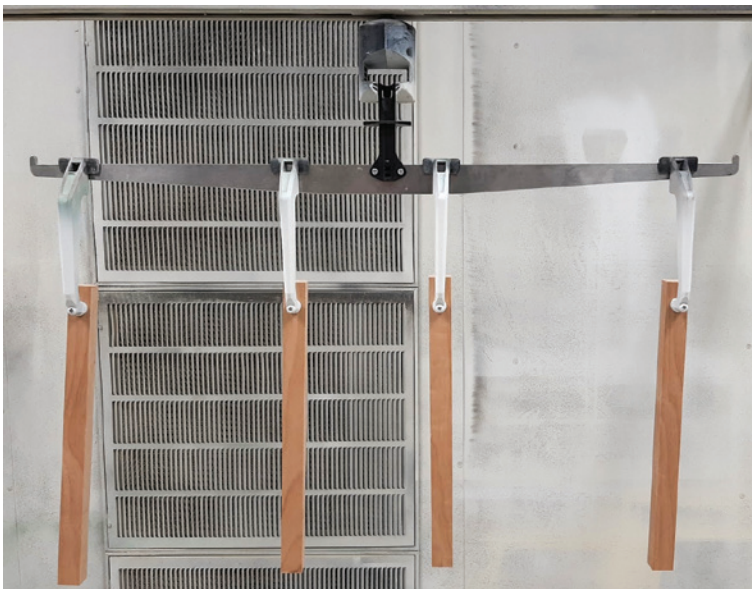
**Furniture Bun Feet**



**Stair Parts - Handrail and Newel Posts**



**Fillers**



**Windows**





## What other items can be hung on the system?

Exterior Railing

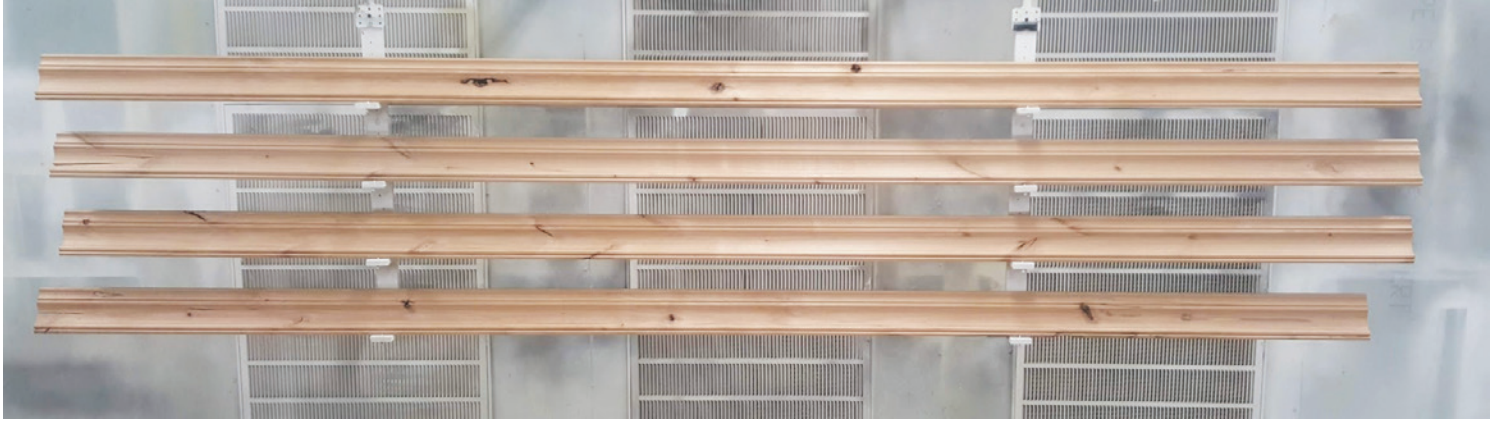


Face Frames



## What other items can be hung on the system?

### Trim Using Makeshift Rack and Guffey Hangers



### Chairs





## Can the systems components be cleaned after being covered in paint?

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All our products were designed for easy cleanup, but will also operate normally even with some overspray on them.

### **EFC Hangers and T-Bars**

Our EFC hangers and T-bars are metal and can be soaked in whatever product will cut the product you're spraying.

### **Rails**

Using an air hose, blow any loose debris out of the rails before each use. Wipe with thinner to remove any overspray or place painters tape on the inside of the new rail and remove as it gets build up and replace with new tape.

### **Injection molded components**

Our Universal Hangers, Offset Hangers, Spray Hubs, and Fixed Mounts can be wiped down with thinner.

**See the following link for tips on cleaning.**

<https://www.youtube.com/watch?v=kUEarFOF4fQ>

## Are your products available globally?

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We currently sell and ship anywhere in the US and Canada but are happy to discuss shipments globally. For orders outside of US and Canada please contact us at: [sales@guffeysystems.com](mailto:sales@guffeysystems.com) or (865) 316-9633