Modular Tooling

FOR TRI-AXIS TRANSFER PRESSES







Modular Tooling for Tri-Axis Transfer Presses

Features & Benefits

- Simpler, stronger, and more economical solution to what is on the market.
- All our components are one-piece construction.
- · Maximized for weight vs. rigidity
- Precision fit, resulting in little to no movement when torquing
- All our components are completely interchangeable.
- We utilize multiple bolt patterns where possible to keep the interchangeability and ordering process as simple as possible.
- Anodized to provide a better visual to the operators as well as wear resistance.
- Customer satisfaction is at the top of our priority list. We want to make ever customer feel like our only customer.
- Designed based on customer feedback providing the best solution for your project.

FOR A QUOTE...

Refer to the Modular Tooling for Tri-Axis Transfer Presses Questionnaire at the provided link and complete with the required press and transfer information for a quote.







1-1/4" COMPONENT SERIES



Arm Clamps

Solid one piece construction
Precision bore fit so finger assembly
doesn't move when tightening bolts
2 - 8 mm S.H.C.S. for ultimate grip



Swing Bracket Assembly

Solves the problem of close to center adjustment

Bolts directly to our gripper mount

Multiple bolt patterns for many different styles of grippers or shovel assemblies



Inline, 90 degree, and Rotational Double Hole Clamps

Highest strength for parallel, perpendicular or rotational automation.

Holes for airline routing
2 - 8 mm S.H.C.S per end for ultimate clamp force



Male and Female Flange Mounts

Replaces a receiver adapter when mounting finger directly to transfer bar, extruded beam, or removable plates



Gripper Mounts

5 mm, 6 mm and 8 mm bolt patterns Covers common gripper or shovel bolt patterns

Under cut to accommodate S.H.C.S.

Dome feature for swivel ball mounting



1-1/4" Aluminum Tubing

1/4" wall for durability

Available in 6" - 24" in 6" increments

Custom lengths also available



Ball Swivel Assembly

Allows gripper to rotate up to 80° and free spinning

Rest of assembly can stay square to grid while accomplishing any compound angle

Bolts directly between gripper and gripper mount



Gripper Adaptability

Our standard bolt patterns fit most common grippers

Any gripper or shovel can take advantage of our whole product range with the use of our adapter plates and mounts.



Collar Clamps

1-3/4" Bore, 8 mm S.H.C.S Used for securing receiver adapters to tooling

Flat top for finger identification Holes for airline routing



Rotator and Slide Mounts

Provide your specifications and we can design and create any required mounts



Shovels

Provide us with your station parts and we will be glad to manufacture custom shovels to meet your specifications, with or without sensing capabilities.

Components are either made from 6061 T-6 Aluminum anodized for wear and visibility, or steel and black oxide for corrosion resistance



PHD SERIES GRM CLAMPS

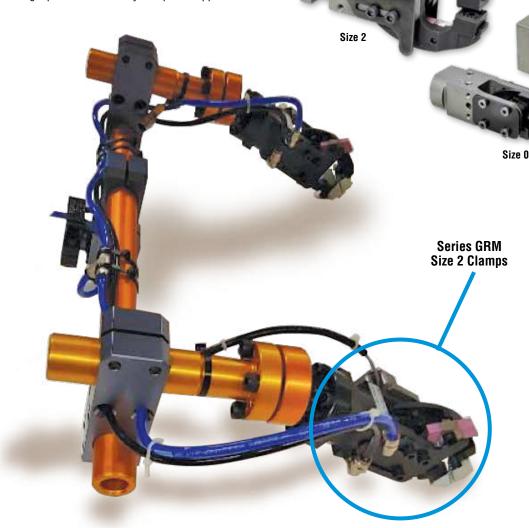
Most versatile and modular clamp in the industry



Size 4

The Series GRM Clamp continues to be the industry-leading pneumatic actuator of choice for material handling solutions worldwide. Its simple design and rugged construction have proven customer satisfaction and loyalty since 1998. Now available in 4 standard sizes (20, 25, 32, and 40 mm bores), up to 13 standard jaw styles, and countless options and accessories, make the Series GRM Clamp the most versatile and modular clamp in the world.

Each and every aspect of the Series GRM Clamp was influenced by you, our customer. We pride ourselves in providing a product that suits your specific application needs.



FOR A QUOTE...

Refer to the Modular Tooling for Tri-Axis Transfer Presses Questionnaire at the provided link and complete with the required press and transfer information for a quote. Please attach die designs and process, if available.