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Feb. 2011

Welcome to our new *Multicyl Newsletter*.

We hope to provide you with timely and relevant information about Multicyl's unique, patented products and how they can help your business by meeting all of your punching requirements.

Multicyl cylinders are a patented brand of air over oil press used for a variety of metalworking applications. The most common is hole punching, but Multicyl is an excellent solution to many other types of manufacturing applications such as notching, shearing, tube piercing, assembly and metal joining. We sell individual cylinders suited to these applications, but one of the strengths of our company is our ability to offer complete turn-key punching solutions including air/oil cylinders from 2.5 to 100 tons of force using regular shop air with a cycle speed of up to 60 strokes per minute.

Serving Canada, the USA and Europe, Multicyl has the right air over oil press for all your applications.

Sincerely,
Todd Bryson
MULTICYL Inc.

Complete Punching Solutions

Whether you have 1, 2, or 10 holes to punch. Whether you have one hole size or multiple hole sizes. Whether its one side or two sides. Whether its clean or dimpled. Whether its shaped or round. It doesn't matter - Multicyl is your ideal source for complete tube piercing solutions.

Pictured here is a mandrel punching station



which punched a custom key hole shape into this triangular aluminum extrusion. The custom mandrel was wire cut to match the complicated internal design of the extrusion to ensure accurate hole location

Standardized Tube Piercing

Use one of our standard units from our complete line of standard tube piercing solutions for your application. Multicyl Systems allow for an easy "building block" approach - add, subtract, or change stations and tooling with ease.

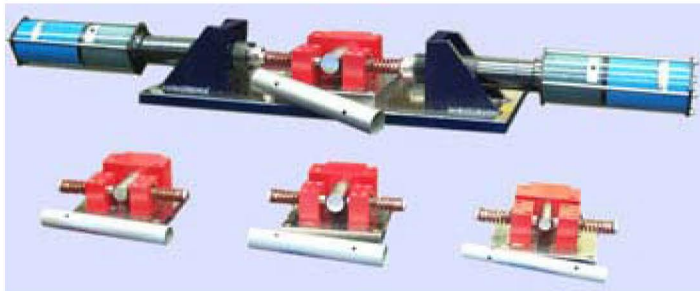


Shown here is a tube piercing solution using four standard TP10 and MC 5-16-20 tube piercing stations. Note that the tooling in our stations can be removed and interchanged with standard unitized tooling - the ultimate in punching versatility.

Custom Tube Piercing

Use our engineering team to your advantage. We can design tube pierce tooling to suit your needs.

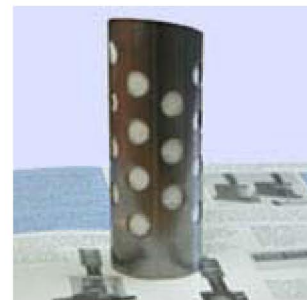
Pictured here is one of our Double Horizontal punching units. In this case the customer had a family of parts to work with - Multicyl designed a quick change mandrel system to allow the operator easy change over.



Custom Machines

Not only are we on top of our industry in single cell tube punching stations, but Multicyl also designs and builds complete automated tube punching machines.

Shown in the picture is a tube which our customer required 30 holes. Watch video of the machine we designed in operation. The machine in question is shown in the "Automated Mandrel" video, other tube piercing videos are also available.



A yellow rectangular box with the text "FREE Tonnage Calculator" in a bold, blue, sans-serif font. The word "FREE" is at the top, "Tonnage" is in the middle, and "Calculator" is at the bottom.

Use our [Tonnage Calculator](#) to determine your force requirements.

To use our tonnage calculator select either the hole diameter or shear length option. Then select your material or fill in the tensile strength of the material you are using (KSI). Fill in the rest of the data and hit calculate. You will be given the tonnage requirement and a list of potential Multicyl cylinders for the application.

Contact us for a free quote on your application

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