

CARTON CONVERTERS

THERMOFORM TRIM TOOLS

SPECIALTY TOOLS



**CREATIVE.
INTRICATE.
EXCEPTIONAL.**

LEADING LASER DIE MANUFACTURER SINCE 1967

SHARPLES

SHARPLESDIE.COM

THERMOFORM TRIM TOOLS

Thermoformers turn to Sharples as their diemaker of choice for trim station tooling. Thermoforming is an industry in which Sharples has a strong reputation in steel rule dies. We establish many of our new accounts from recommendations. Our success is based on our understanding of the customer's process. We look at the formed sheet indexing through to the final station, aligning up the formed parts to the trim, designing proper buildups to accommodate the part depth and, of course, helping our customers achieve the best trimmed part with different knife options, locators, and heat. Commercial steel rule diemakers may have some of the CNC equipment that Sharples uses but no one else will have the knowledge and decades of experience that Sharples has in thermoforming. With this experience comes our commitment to customer service and providing each customer with their own unique specifications that meet their needs. Our experience ranges throughout numerous inline machines including OMG, Kiefel, and Sencorp, to name a few.

SPECIALTY TOOLS

Steel rule dies are an economical way to trim various materials and are utilized in assorted manufacturing applications. By choosing Sharples, you are choosing a diemaker with a depth of experience in a multitude of industries. For example, we understand the different requirements of a tight tolerance gasket die in comparison to a large bulky interior automotive job or the clearance required with a formed part. Our experience ranges from packaging, gaskets, electronics, foam, vinyl, and specialty diecutters.

All steel rule dies are made with laser-cut boards of wood, clear plastic, or Rayform. Laser-cutting ensures the accuracy of tooling. It is our policy to check the kerf of all lasered dieboards as they are cut, a kerf check at the laser and at final inspection are critical. We have multiple lasers and shifts to accommodate our customers' demands.

Sharples can start with a file, part drawing, or formed sheet and create a full set of tooling that includes steel rule cutting dies, backup plates, cutting plate options, strippers, and stackers. Sharples also has years of experience in floating dies, multi-level, and heated dies.



Sharples offers automated bending for all aspects of diemaking from .937" - 4" and 2pt to 6pt thick. CNC bending is the best process in the industry to provide dimensional stability and consistency throughout all cavities. Mix this capability with our seasoned craftsmen and you've got a successful combination. That is why Sharples "Bends all the Rules."

Added services such as striker plates, backer plates, waterjet ejection, milled pockets, welding, brazing, and QA inspection reports are available upon request.

SHARPLES



A COMMITMENT OF SERVICE AND QUALITY TO OUR CUSTOMERS.

**PAPERBOARD
PACKAGING TOOLS**

**THERMOFORMING
DIES**

**SPECIALTY
DIES**

Commercial die shops may have some CNC equipment that Sharples has but no one comes close to the array of equipment, knowledge, strong history and reputation for superior customer service that Sharples provides to its clients.

Our client base is largely attributed to numerous recommendations from package engineers and machine manufacturers. Today, Sharples services clients throughout the United States as well as dozens of other countries throughout the world.

We have achieved success through the long-term relationships we have with many of our loyal clients. All our clients know that they can depend on our consistency, honesty, and commitment to quality.

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