



Hand Tools Used in a Wide Variety of Industries and Applications

Challenge:

Many customers have approached Bimba with the need for a hand tool. All were looking for something compact that included several of the following requirements; precision, accuracy, generate large forces, withstand tough environmental and washdown conditions.

Solution:

Bimba has designed hand tools for many industries, including aerospace, automotive, medical, agriculture, and general factory automation. Some example applications are listed below.

An air-driven hand rivet tool is used to build and repair airplanes, spacecraft, and military vehicles that have incurred damage in the field, and can provide up to 5000 lbs of pulling force.

Another tool Bimba designed is used by a customer in the automotive industry to remove the excess material from plastic ties used in lockout/tagout applications.

Other applications include a surgical tool, made of stainless steel, which can withstand an autoclave for sterilization.



Benefits:

- **Designed for repeat use.**
- **Stainless steel construction withstands harsh environments and washdown applications.**

Other Applications:

- **Riveting**
- **Clamping**
- **Cutting**
- **Impacting**



This is a multiple force hand tool used to put lids on and off glass medical vials containing various fluids.