



Case Study

The 18-year legacy of Uryu's UD series drill in the aviation industry proves the tool can go the distance

18 Years In Flight

For almost Two Decades, Uryu's Pneumatic Drill has Kept Planes Soaring



In the mid-2000s, a customer needed a reliable drill for sheetmetal work in aircraft manufacturing and repair. At that time, it was determined that Uryu's UD-50-45 pneumatic pistol drill was the best choice for the application.

Nearly 20 years later, the tool is still in operation, and has been used on hundreds of airplanes, from small to large. The drill is used in medium-duty applications, drilling holes in aluminum and steel from size #40 up to 1/4". In that time, the tool has never needed repair — only regular oiling even

after drilling hundreds of thousands of holes.

According to the tool operator, "These drills have changed the way I perform my required tasks on the job. It is by far the quietest, most controllable, and well made air tool that I have used, and I use many different air tools day to day. The speed of the UD-50-45 leaves a cleaner hole over other drills and is a joy to work with."

Since then, the customer has purchased an additional UD-50-45 drill as well as a UD-50-200 for drilling holes larger than 1/4".



Need

Customer required drill for sheetmetal work in aircraft manufacturing and repair.

Solution

Customer chose Uryu's UD-50-45 drill for the application. The drill has a 1/4" (3 mm) capacity and a speed of 5,000 RPM.

Result

The UD-50-45 drill has operated successfully for nearly two decades. Since then, the customer has purchased an additional UD-50-45 as well as an Uryu UD-50-200 drill for holes larger than 1/4" that require a higher torque.



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