

The RotoFlapMaster

Professionals performing mobile Rotary Flap Peening can benefit greatly from the ergonomic and easy-to-use angled handpiece of the RotoFlapMaster. Designed to provide increased comfort, improved control, and enhanced safety, it provides a smoother and more efficient working experience. The angled handpiece is fully compatible with the RotoFlapMaster control unit, making it an excellent choice for anyone seeking to upgrade their peening process.

Applications

Today's applications of Roto Flap Peening go beyond the well-known repair processes on aircrafts. Aerospace components, as well as large energy sector parts, can be peened easily without free-flying spherical media. The condition for a reliable process, above all, is accurate control of the flap speed. Having a well-engineered, intuitive tool simplifies the process and ensures it can be done correctly and safely.



Flap peening of a pin hole

The application though can be very tricky as the areas to be peened are often hard to access and to view due to narrow structures and difficult surface orientations.

Engineering an innovative Flap Peening tool thus means to address these challenges and to provide flexible operation, easy handling and control as well as versatility for various situations.

RotoFlapMaster

The innovative RotoFlapMaster by sentenso utilizes a drive system that has been developed in close cooperation with experienced operators from the aviation industry. The user interface assists selecting the correct flap speed per the operator's input of desired intensity and flap size. Starting and stopping, as well as timing, are controlled via a single membrane button on the handpiece.

One of the RotoFlapMaster's greatest benefits is its cordless battery operation allowing for real mobile and independent operation.

Straight and Angled Handpiece

The straight and the new 90° angled design of the handpiece enable the user to perform flap peening in many application situations—ergonomically and functionally. The design is based on customer-specific requirements through real repair jobs on aircraft components and all in accordance with AMS2950 and other specifications.

The ergonomic angled handpiece is available as an option for the RotoFlapMaster and is fully compatible with the established control unit. The change between straight and angled handpiece is extremely easy and quick with the help of the push-pull connector. Operating functions of the angled handpiece include:

- Starting and stopping the drive
- Starting the stopwatch or countdown timer
- Colour changing indicator for checking the correct speed

Other features are:

- Distinctive ergonomics and comfortable feel
- Quick change between straight and angled handpiece
- Easy retrofitting of existing RotoFlapMaster Kits

For further information, please visit <https://flapmaster.sentenso.de>.



The RotoFlapMaster with straight handpiece



The angled handpiece



sentenso Roto Flap Peening Kit

The sentenso Roto Flap Peening Kit Pro is the complete solution for most applications with the RotoFlapMaster drive system, measuring and testing equipment, and the digital Almen gage in a robust transportation case with foam inserts, rolls and extendable pullbar