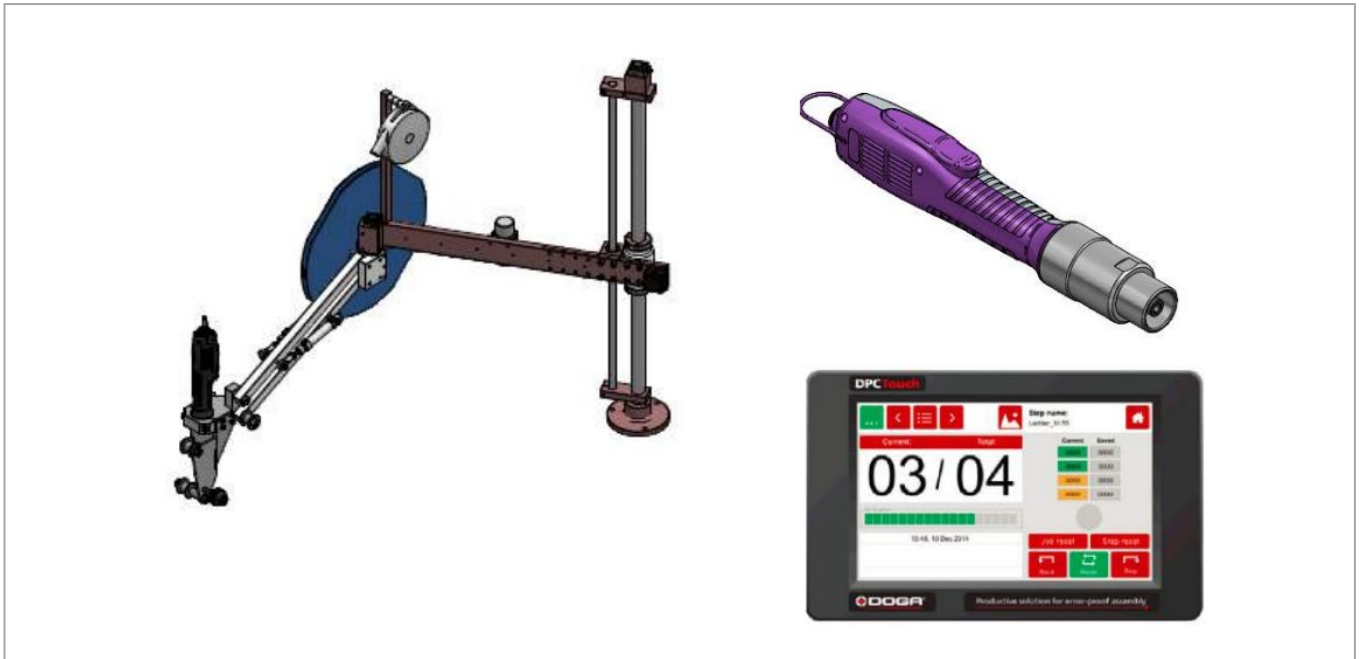


HELICOIL INSERTS MOUNTING

Activity area: *Electric Industry*



Context

Workstation for Helicoil inserts mounting with positioning control.

Customer needs

To ensure the helicoil inserts mounting (M3 M4 thread) on an aluminium part with position and Poka Yoke control.

DOGA solution

(E)

DOGA BA30 G PC torque reaction arm equipped with a device to support the insert spool and another device to guide and recover the insert support strip after the mounting.

- ▶ GXT220 screwdriver with special firmware (allows to obtain the OK signal after untightening)
- ▶ Mechanical adaptation of the laying tool (Bollhoff inserts) on GXT screwdriver
- ▶ DPC Touch to manage the steps, achieve the position control through the arm encoders and to count.

Benefits



Productivity

- ▶ Process time reduced



Quality

- ▶ Mastered assembly on high value-added part