

Stand Alone Work Cells



Screw install and crimp cell

Challenge:

Reduce the cost of maintenance to the rotary gun that installs a screw into stamping; reduce stamping tolerances to suit the process; and improve hold force consistency and reduce cycle time and labour content.

Solution:

We replaced the rotary gun with a developed crimp and shuttle process, and we designed and manufactured an automated work cell.

Result:

The process reduced stamping tolerance requirements and improved part hold forces. Cycle time and labour cost were reduced by 50%, and we removed the end user installation torque concerns.