



TAP4

Ergonomic | Uptime St79

Before



Manual dismantling and assemble inside the line

After



Assembling the jig outside of the Press during Die preparation

Description

- Automation device for each parts number
- The hydraulic cylinder used to rotate the jigs was small and did not guarantee the final position
- In production it's vibrating a lot with the operation of the press.
- Jigs had to be assembled after the Dies were already inside the press to fit
- Universal automation for all part numbers
- Larger hydraulic cylinders were installed, to guarantee the final position
- That allow the jigs to be assembled on the tables even before they enter the Press.

Results and improvements

Ergonomic and shorter time for Die changes (4 min). More stability of the jigs during press operation

	Facts
Stamping	TAP 4 4
Saving	N/A
Investment	N/A
Implementation date	2023

