



Karakuri Bodyshop

DTB 1 | Defos Jig part's car

Before



After



Description

- The operators needed to pick parts from line side every cycle.
- With the speed increase (45JPH) this station could not reach the capacity with only one operator per side (8MA). Risk to have to add 8MA.
- Trilogiq car and structure was developed to be connected directly to the jig.
- The parts "follow" the car, always at best reach.
- Hood Hinge; Front + rear Defo; Strebbe; screws

Results and improvements

With the parts being available directly in the reach of the operators, the time for the station reduced.
The target of productivity was reached (no increase of manpower).
This improvement also had a positive impact on ergonomics.

	Facts
Area	Bodyshop 3
Saving	Avoidance 8MA (45JPH)
Investment	Est.€2.000
Implementation date	2022

