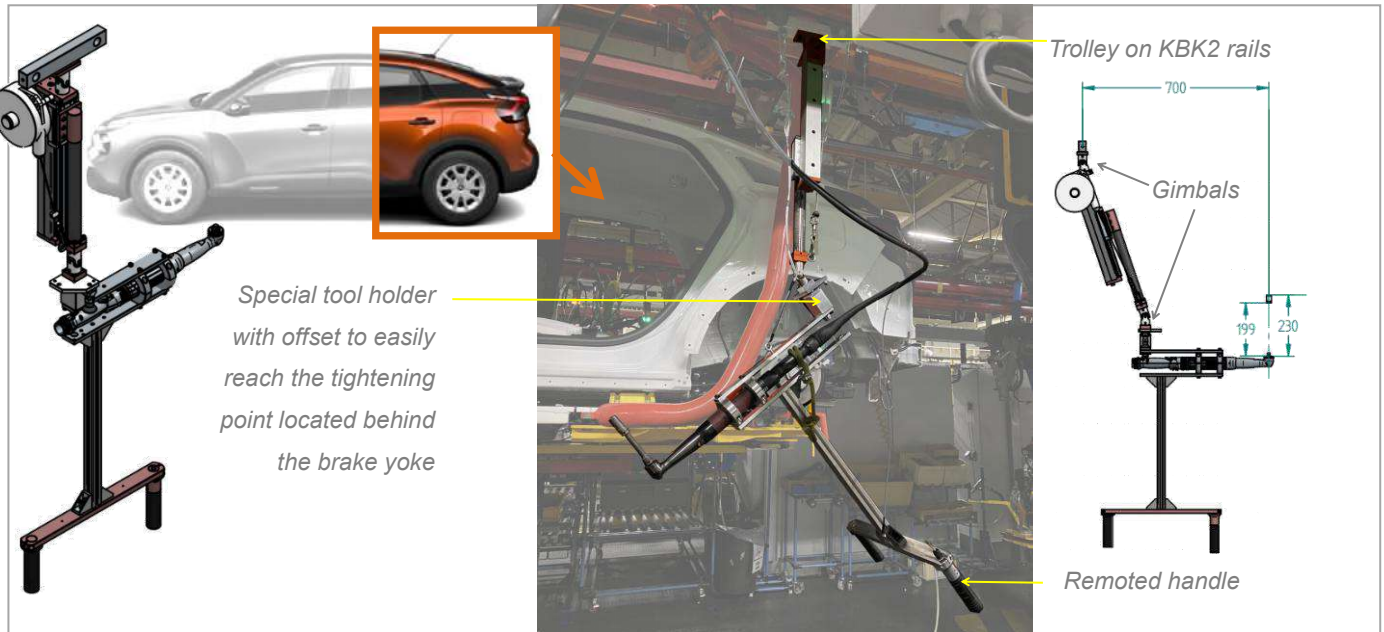


UPPER REAR SHOCK ABSORBER UNDER BODY

Activity area: Automotive



Context

Assembly of rear shock absorbers, on the edge of the conveyor line.

Customer needs

To tighten 2 difficult access bolts upright at 35Nm and warrant the comfort of the operator.

DOGA solution

Special Slider 50 arm (Drawing n°21-18-4846), vertical stroke 470 mm, max load 5 kg, with :

- ▶ Arm mounted on existing KBK2 rail (interface for 2 KBK trolley)
- ▶ Gimbal at the top (to tilt the arm)
- ▶ Gimbal above the tool (to allow the perpendicularity of the screwdriver on the screw to be tightened)
- ▶ Special tool holder for remote control with 2 handles, one with push button to start the cycle

Benefits



Productivity

- ▶ Screwdriving operation on the moving line



Quality

- ▶ Easy orientation of the tool
- ▶ Compact solution



Ergonomics

- ▶ Tool operated remotely
- ▶ Tool weight and torque reaction handled by the arm