



TRUCK CABIN

COMMERCIAL VEHICLE CAB REPAIR SYSTEM

POST-ACCIDENT AND OPERATIONAL REPAIR SYSTEM FOR TRUCK
FRAME - CAB - FRAME ALIGNMENT - WHEEL ALIGNMENT





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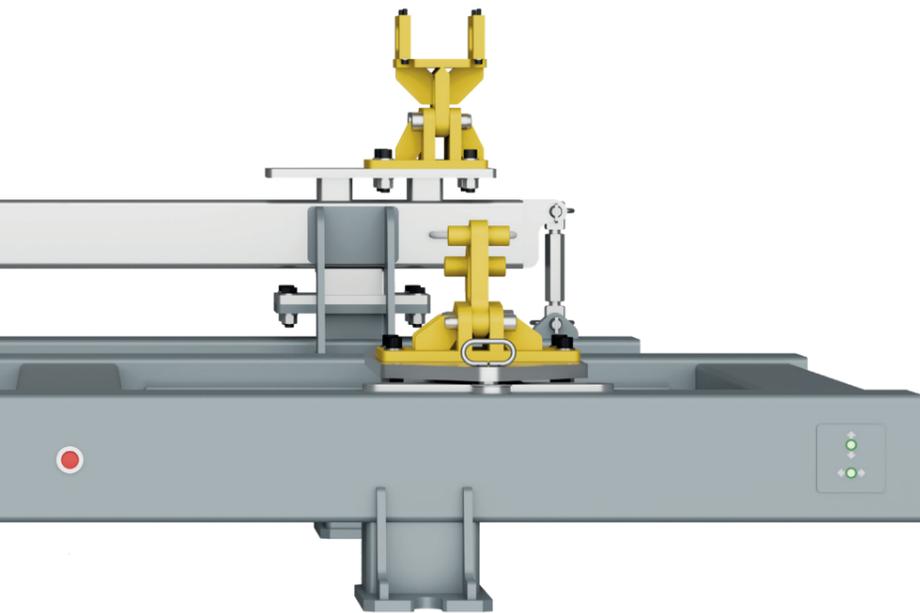
- ▶ **Universal repair system**
- ▶ **Specialized mounting options**
- ▶ **Hydraulic support for chassis repairs**
- ▶ **Can be used on a floor-mounted grate**
- ▶ **Entirely manufactured in the EU**

TRUCK CABIN device from SPANESI is specialized system for repairing heavy-duty truck cabins. The design of TRUCK CABIN allows the use of bracket systems for individual cab models with simultaneous hydraulic support for the repair of the chassis. The effect of this is to obtain a pattern of the chassis shape, particularly highlighting the hinge and striker attachment points. It is the four most important zones of the chassis that determine whether or not the cab can be mounted to the vehicle frame. The SPANESI TRUCK CABIN device is equipped with an electronic

repair control system. System is designed for measuring the position of front handles attached to the device. The principle of operation of this version enables continuous control during the process of setting the base points in the cabin area, where the hinges attached to the vehicle frame are mounted. The capability to remotely monitor the control panel significantly enhances operator safety by enabling real-time oversight of system operations without the need for physical presence near the equipment, which additionally improves work comfort.

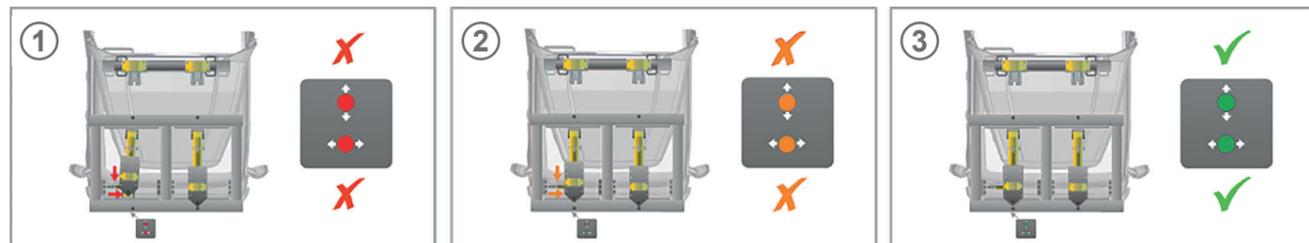
Devices attached to the floor-mounted grate are highly ergonomic and efficient. If there is no dedicated mounting grate, an alternative solution involves creating a smaller grate (approximately 5 m x 5 m) specifically for cabin repairs. Additionally, anchor systems for repair equipment and pulling towers can be used if necessary.

INNOVATIVE CONTROL SYSTEM



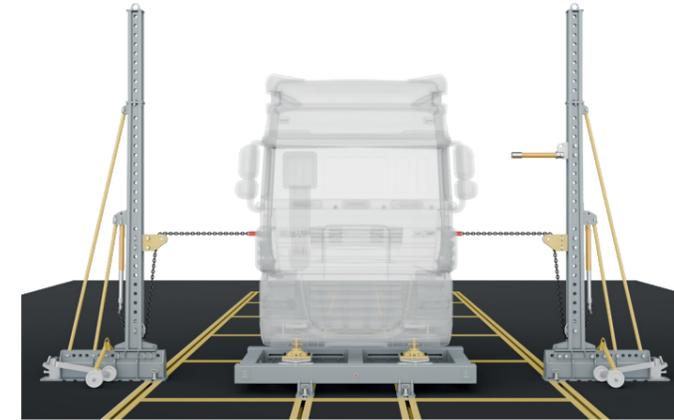
HOW THIS SYSTEM WORKS?

The support of the control system involves tracking the movement of the cabin hinge mounting plates and determining their position using a grid of electronic sensors. The measurements are converted into a system of light indicators. LEDs on the control panel indicate the distance to the reference position. Red indicates a distance greater than 100 mm, orange indicates 50 to 6 mm, and green indicates 5 to 0 mm.



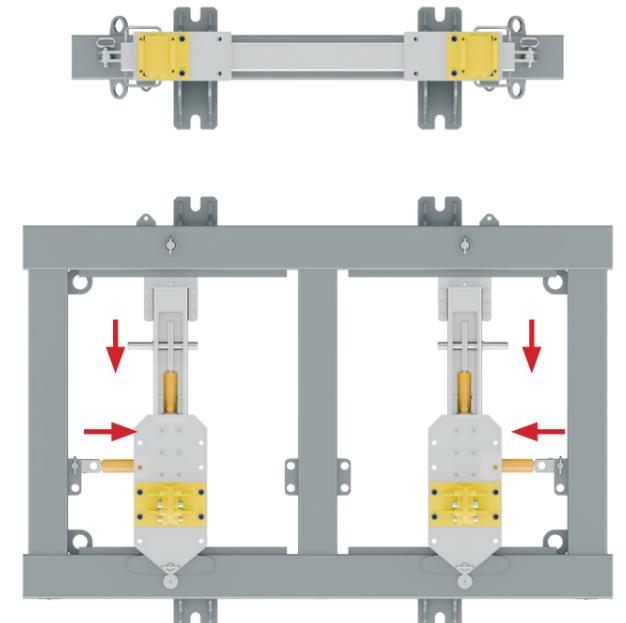
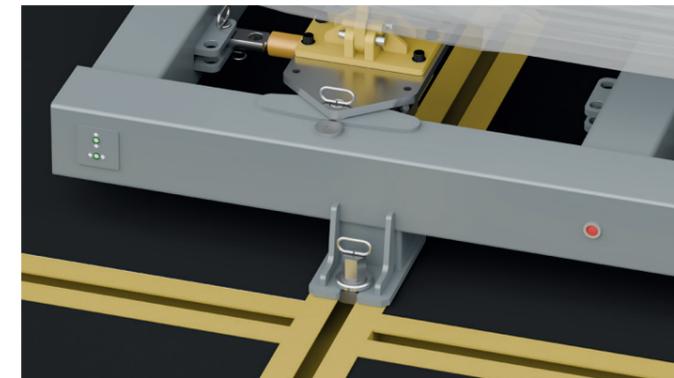
FIXING TO THE GRATE

The SPANESI TRUCK CABIN is a complete system for repairing damaged commercial vehicle cabs. The cab bench is fixed to a supporting grate set into the service floor. This system enables the repair of both the cab's chassis and its upper section.



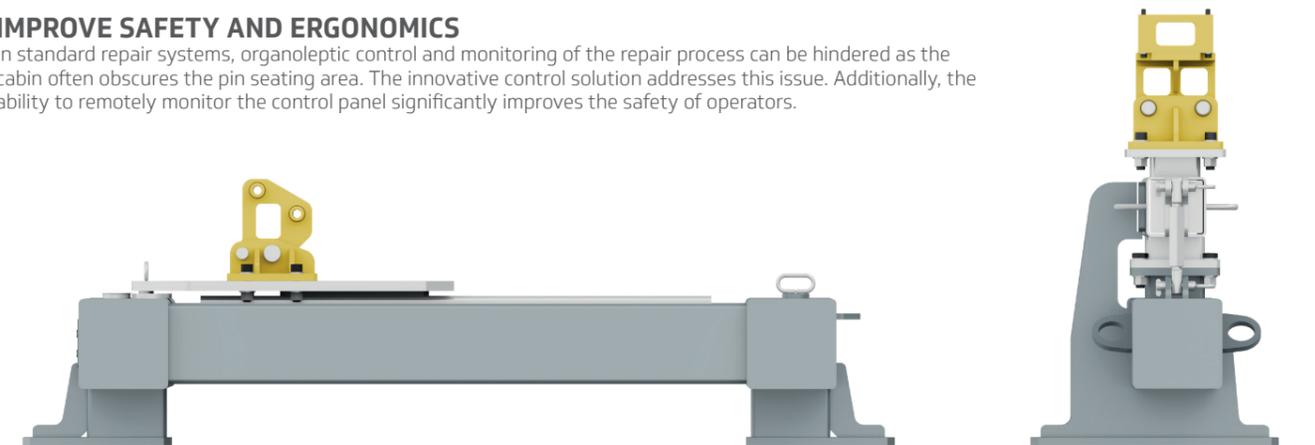
HYDRAULIC SUPPORT FOR SETTING BASE POINTS

The design of SPANESI TRUCK CABIN devices allows for the use of mounting systems for specific cabin models while simultaneously providing hydraulic assistance for the repair of the chassis. This results in a template for the shape of the chassis, particularly for the mounting points of hinges and latches.



IMPROVE SAFETY AND ERGONOMICS

In standard repair systems, organoleptic control and monitoring of the repair process can be hindered as the cabin often obscures the pin seating area. The innovative control solution addresses this issue. Additionally, the ability to remotely monitor the control panel significantly improves the safety of operators.





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