



TRUCK CHASSIS

COMMERCIAL VEHICLE FRAME REPAIR SYSTEM

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





TRUCK CHASSIS COMMERCIAL VEHICLE FRAME REPAIR SYSTEM

- ▶ **Complete frame repair system**
- ▶ **Mobility and easy installation at the workstation**
- ▶ **Hybrid construction: aluminum and steel alloys**
- ▶ **Compatibility with similar repair systems**
- ▶ **Entirely manufactured in the EU**

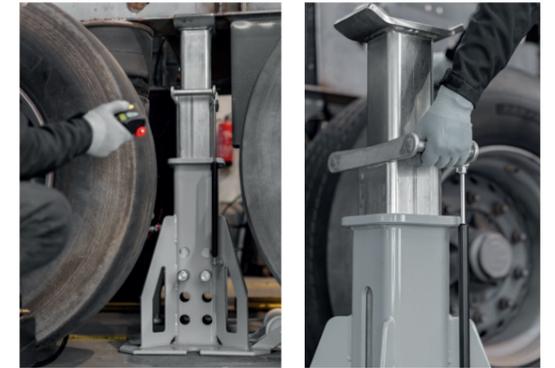
The TRUCK CHASSIS system from SPANESI is designed for post-accident and operational repairs of damaged commercial vehicle frames. It utilizes a set of devices anchored to a permanently embedded grate in the workshop floor, enabling effective, ergonomic, and safe straightening. The basic set includes horizontal presses, blocking assemblies, vertical presses, "C"-type presses, and supporting accessories. Each set comes

equipped with certified chains and hooks. The SPANESI TRUCK CHASSIS system collaborates with the mounting grate, which ideally has external dimensions of 16 m x 4.5 m. The recommended overall repair station dimensions are 20 m x 6.5 m. The grate is custom-made based on an individual project prepared for the investor. The fixing system utilizes slots in the grate, allowing rapid and efficient attachment of essential system components such as presses, blocking assemblies, pulling towers, cabin repair system frames, and roller handles.

SPANESI is involved in the entire process, from designing the technology to fabricating the grate, delivering repair equipment, and training service personnel.



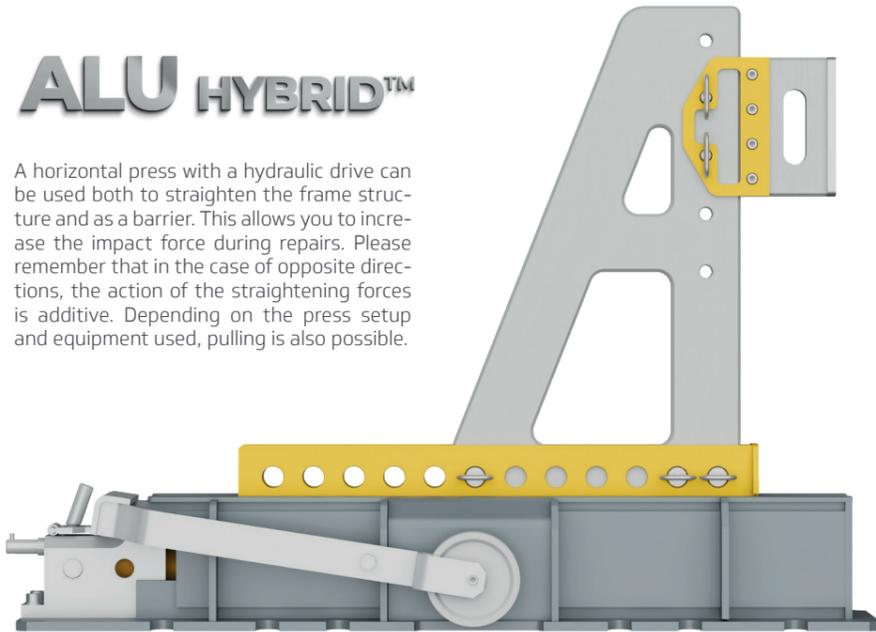
The new VERTICAL PRESS has a very wide operating range, and when equipped with the extension adapter it can be used for trailer repairs.



A pneumatic cylinder facilitates lifting and height adjustment without the use of significant force.

ALU HYBRID™

A horizontal press with a hydraulic drive can be used both to straighten the frame structure and as a barrier. This allows you to increase the impact force during repairs. Please remember that in the case of opposite directions, the action of the straightening forces is additive. Depending on the press setup and equipment used, pulling is also possible.



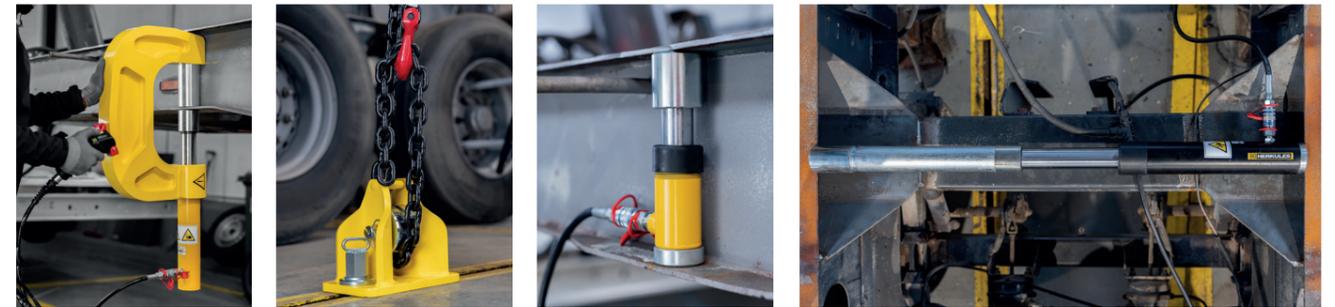
ALUMINIUM AND STEEL ALLOYS HYBRID
To ensure the optimal combination of lightness strength



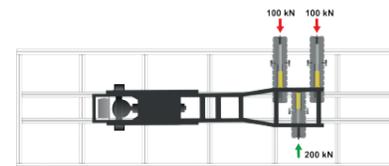
100% ALUMINIUM
The brackets are made of a light alloy with high strength parameters



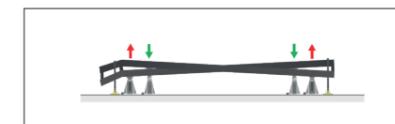
HEAVY DUTY
Exceptionally durable and stable steel base structure



The power devices are driven by pneumatic-hydraulic pumps. The repair system can additionally be equipped with a 400 kN press-riveter, a 200 kN expansion set, or a system for mounting and repairing SUVs, delivery vehicles, off-road vehicles, and passenger cars. The repair system can also be supported by measuring devices for controlling the shape of frames and cabins, as well as wheel and axle alignment.



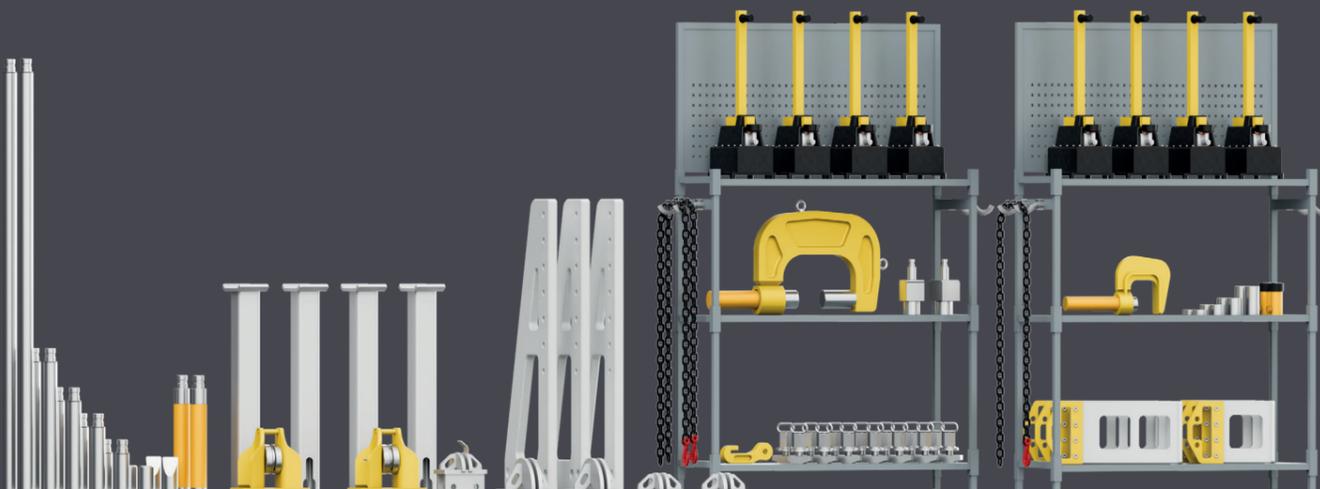
Straightening the lateral curvature



Correction of the twisting



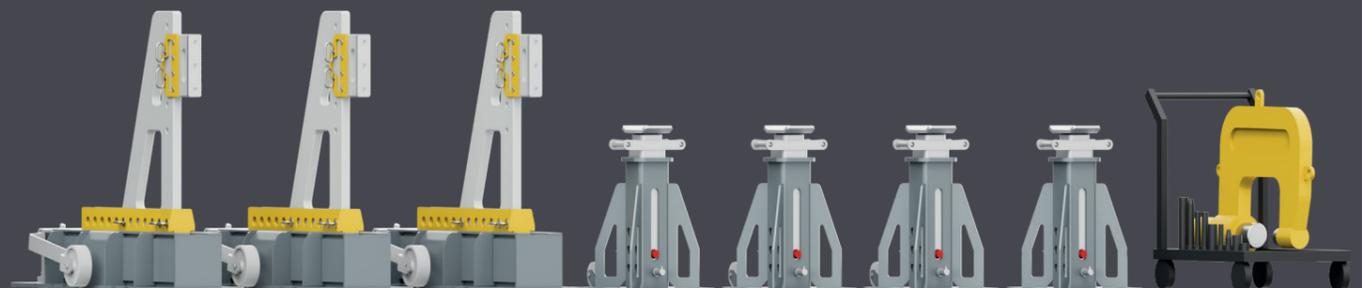
Straightening the diagonal curvature



EFFECTIVE REPAIR

The repair station equipment offered by the SPANESI TRUCK CHASSIS system enables the repair of any damage that may occur as a result of an accident, collision, or operational wear.

The right choice of equipment and employee training will ensure full and effective use of the capabilities of the TRUCK CHASSIS system.





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