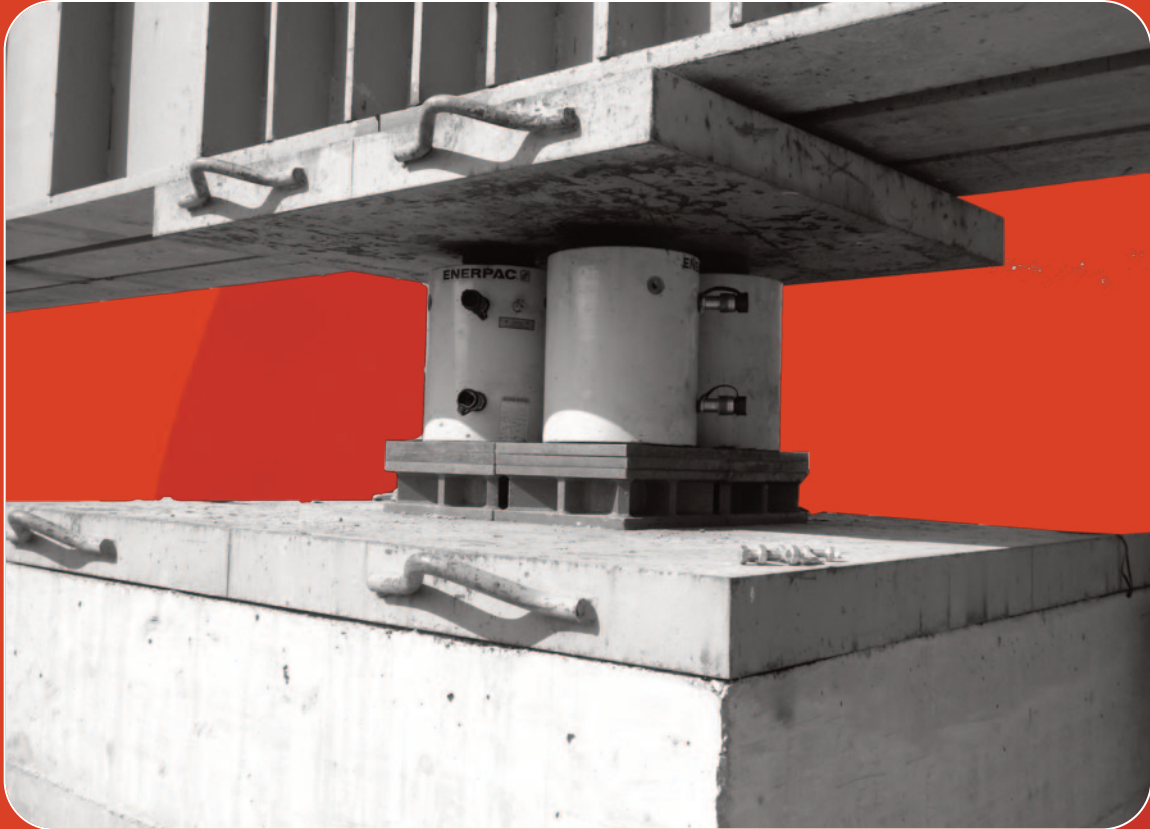


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 Keep on moving to the future.

Hydraulic Jacks





Autovictor has a synchronized lifting system controlled by a PLC-controlled Enerpac hydraulic power unit capable of managing 24 lifting lines with a maximum of 5,500 tons. Autovictor hydraulic jacks apply controlled loads on a structure, through push or pull (with dedicated contrast structure).

This technology allows you to distribute loads evenly and obtain movements synchronized to the millimetre, ideal for lifting, replacing or positioning operations of heavy elements where cranes cannot be used. The advantage of using Autovictor jacks is the maximum precision in controlling the applied load with the possibility of testing with progressive load curves and real-time monitoring with load cells and sensors.



Hydraulic Jacks

Hydraulic jacks are devices capable of creating significant lifting or moving forces through the action of oil in a hydraulic cylinder. In the context of Autovictor, hydraulic jacks are fundamental tools in the following typical scenarios: lifting of prefabricated structures (sheds, bridges, viaducts), raising of existing infrastructures, fixing and leveling of heavy loads before handling with SPMT or crane, settling of loads on support plates, etc.

Hydraulic jacks brings the following technical advantages:

- They allow high-capacity lifting with relatively small overall dimensions, making them more flexible than the exclusive use of cranes.
- They offer precise control of the excursion and force, essential for leveling operations, insertion of posts, pre-sizing of loads on support plates, SPMT alignment.
- They can be adapted to complex field conditions, where the crane cannot operate (e.g. under viaducts, in artificial tunnels, on prefabricated structures already installed).
- They allow incremental lifting operations (jack-up) or temporary support under load, frequent operations in bridge, raising or structural displacement interventions. The possibility of combining multiple units makes it a strategic tool for customized operations.

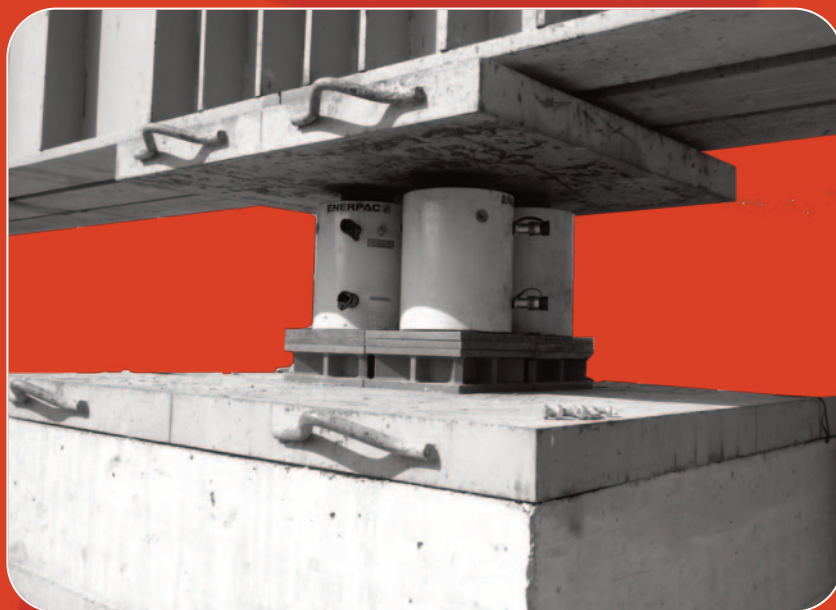
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AUTOVICTOR s.r.l.

Via Galvani 11/13

28060 San Pietro Mosezzo - Novara

Tel. +39 0321 35000

info@autovictor.it

www.autovictor.it