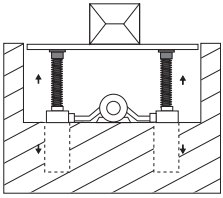
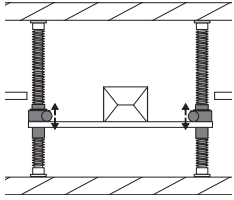
SVT

Screw moves, nut is fixed

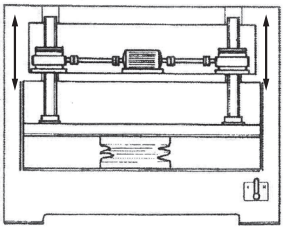


Screw uppermost

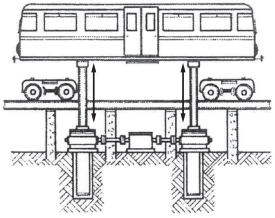


Without protective cover

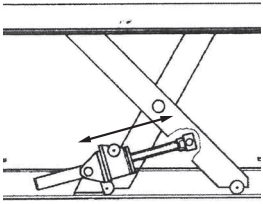
Box will travel full length of the tread



Suspended load
Screw underneath: NO BUCKLING

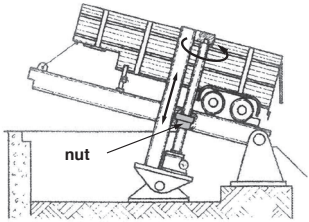


Screw uppermost

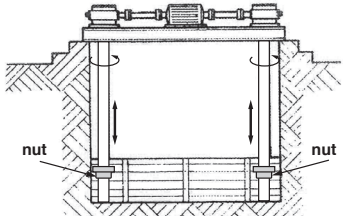


Can be used in any position

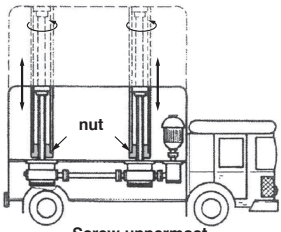
Screw is fixed, nut moves



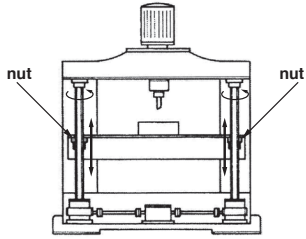
Screw uppermost



Screw uppermost



Screw uppermost



Screw suspended dowlwards :
NO BUCKLING

Screwjacks

Technical information

Applications

Mechanical screw jacks are mechanical parts for the construction of machines and have many uses in presses, elevating tables, elevating platforms, theatre stages, work platforms, raising installations, rolling mill cylinder adjustment, material feeds, rocking systems, assembly tables and loading platforms.

General info.

The SVR and SVT series are greased during assembly and designed to work in temperatures from -30°Cto +80°C. Fully loaded, the duty cycle should not exceed 20% over an hour or 30% over 10 minutes. For longer durations or higher speeds we recommend the use of ball screws. They are delivered finished in a light blue (RAL5012) water based primer and are delivered unlubricated, they should be greased after assembly.

Models

There is a difference between the version with a moving screw (SVR) and the version with a moving nut (SVT). In the version with a moving screw, the screw does not turn but has an alternating rectilinear movement. In the version with a moving nut, the screw turns and drives the nut in an alternating rectilinear movement. The movement may be upwards or downwards in both versions.

Advantages

- Precise synchronisation of multiple jacks, even where jacks may have different loads.
- As they are irreversible, there is no possibility that gravity will cause the loads to descend.
- Synchronous drive by electric motor or manual handle.
- Accurate and measurable movements.
- Can works in any orientation.
- Not sensitive to temperature, even over long periods.