

**SPINDLE LIFT TABLES - SFL SERIES**

Flexlift spindle lift tables of the SFL series were developed for the highest demands of automotive industry and plant engineering. Since 1995, we have sold more than 9,000 units worldwide. With a design height of 200 to 600 mm, load capacities of up to 12,000 kg can be implemented. Depending on the customer requirements, lifting heights of 100 to 5,000 mm are possible.

All spindle lift tables comply with EN 1570 and the extended safety regulations of the automotive industry. Upon request, the lift table can be built in compliance with the regulations in the US or Japan.



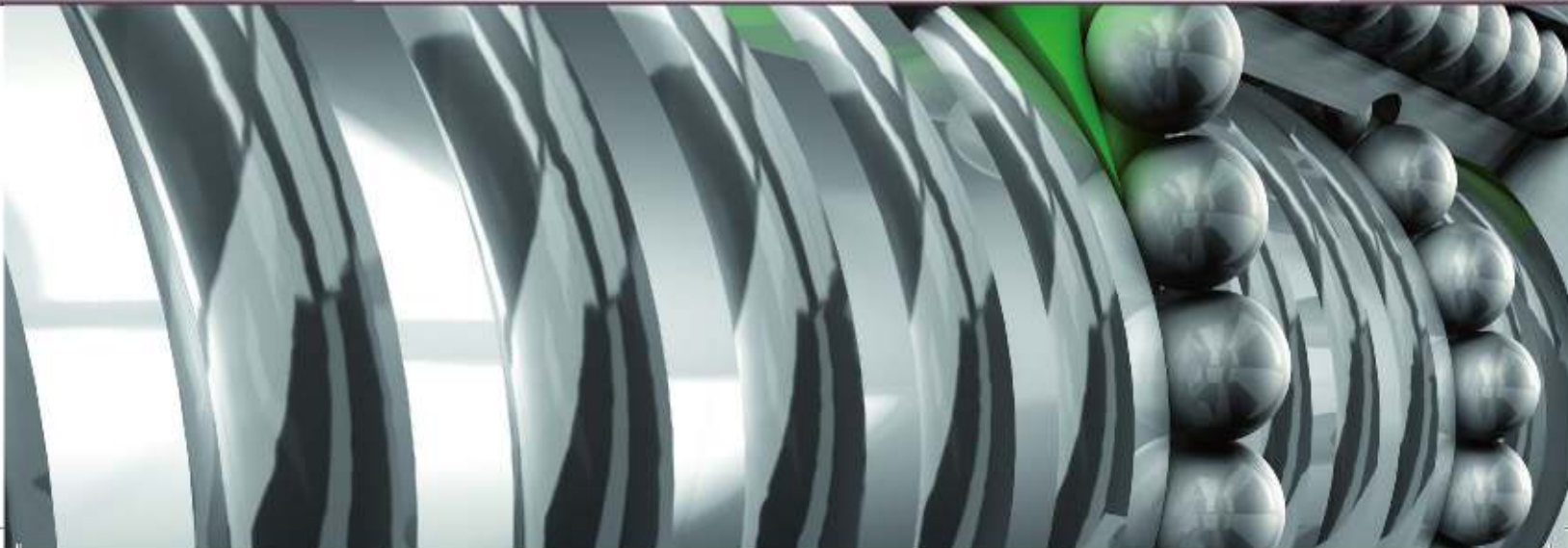
Depending on the requirements, the spindle lift tables are equipped with bellows and/or safety edge.



The stable design and high production accuracy are the basis for a long service life and high availability.



The safety catch developed by Flexlift is TÜV-tested and approved by the Employer's Liability Insurance Association for work under load. The function is ensured regardless of the control.



Flexlift spindle lift tables are equipped with high-quality spindle technology. Depending on the application, the spindles are rolled, peeled or ground. Load capacity and service life of a spindle are determined by the number and size of the circulating balls.



Depending on the requirement, the lift tables are equipped with drive and control components requested by the customer.



Wear parts, such as rollers and rails, can be easily replaced and are designed for a high service life. All bearings are maintenance-free and well accessible.



In compliance with the safety regulations of EN 1570, Flexlift spindle lift tables are delivered with a grip nut and respective emergency off limit switches.



In the case of a malfunction, the lifting table can be lowered or lifted manually using respective accessories.



Flexlift offers 3 different types of maintenance supports for their lift tables. The design shown here is ordered most commonly, as both safety pins can be installed from the outside without risk for the maintenance personnel.



Spindle with ball screw nut



SPINDLE LIFT TABLES - ADVANTAGES

The Flexlift spindle lift table technology was introduced into the market 15 years ago and has been continuously further developed since then. Together with Bielefeld University, a calculation program was prepared for lift table design and service life definition of the spindle.

ADVANTAGES OF FLEXLIFT SPINDLE LIFT TECHNOLOGY

- No environmental pollution due to hydraulic leakage oil
- Modern lifting technology based on spindle lift drive
- High repeatability and positioning accuracy
- Low maintenance effort with high availability
- No lowering of the lift table even with long downtimes
- Lifting and lowering speeds of 1 - 400 mm/sec
- Up to 120 lifting/lowering cycles per hour possible
- Important components can be replaced easily and quickly
- Special production processes ensure high availability and long service life of the spindle
- Safety equipment in compliance with requirements worldwide
- Upon request, the lift table can be equipped with a bellows or foot protection contact strip
- A quick-change system for the spindle is also available as special accessory item
- Additional safety catch in 4 equipment variants with TÜV approval and Employer's Liability Insurance Association permit



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