



Operational reliability and safety

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Operational reliability and safety are just as important for industrial systems as for theatre stages and other systems.



Design and specification

During the design and specification phase, pay special attention to the load capacity of the drives and accessories in their proposed installation situation. Plan your system with appropriate safety for attachment, movement and transport elements.

Please note the design advice given in Section 8.

Where the system is safety-relevant, fit a safety nut SIFA. If the nut thread is stripped due to wear, the SIFA takes the load. An electronic control is available on request.



Installation

Correct and careful installation is essential for trouble-free and safe system operation. Please refer to our instruction manual included with each delivery. You can download these from the Internet at www.zimm.eu



Inspection and maintenance

Regular inspection and maintenance are necessary to maintain reliability.

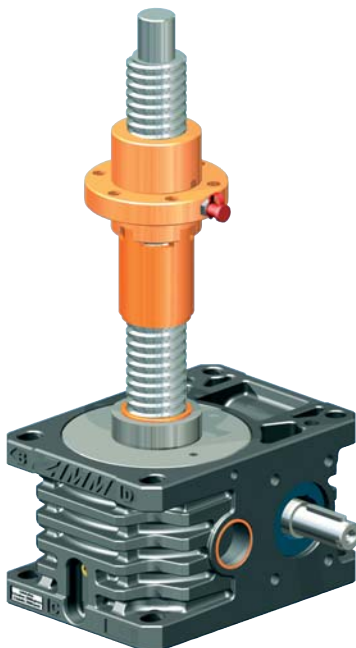


Check the following during the regular inspections:

Visual condition, attachments and connections, wear on the trapezoidal thread and the level of lubrication. Comply with our lubrication instructions and use only the lubricants we recommend. Please consider our automatic lubricator Z-LUB.

Spare parts

To protect against loss of production caused by high duty cycles or high loads, we recommend keeping a set of screw jack spare parts (including screws, accessories and with assembly drawings) at your location or at your customer's location. A screw jack can most economically be repaired by a complete exchange.



Screw jack with safety nut SIFA



ZIMM Instruction Manual in other languages and for special products are available on request or by downloading from www.zimm.eu