

SCHNEEBERGER launch integrated long-term lubrication LUBE-S for MINIRAIL

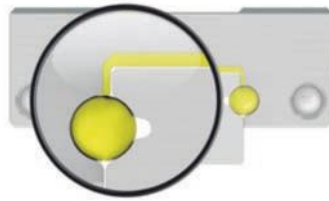
Moore International, the UK distributor for highest quality ball screws and lead screws by Swiss manufacturer Eichenberger Gewinde and key distributor for Schneeburger Linear announce the following new product information from its linear partner Schneeburger

LUBE-S (LS) Long-term Lubrication

All types of MNN MINIRAIL carriages can now be ordered with optional LUBE-S lubricant. Other carriage types available on request. The ingenious long-term lubrication LUBE-S is a lubricant reservoir. It applies the lubricant externally in all orientations directly to the ball recirculation tracks by means of the capillary effect. LUBE-S

is integrated into the inside of the carriage and lubricates all ball bearings that are directly under load. LUBE-S ensures lubrication even during short-stroke applications.

Using the long-term lubrication LUBE-S:

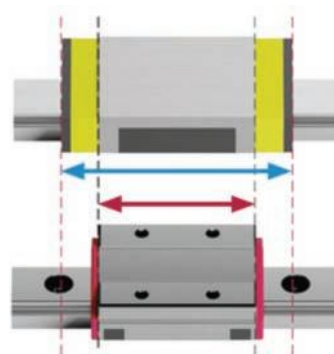


- Maintenance-free for 20,000 km under normal environmental conditions and the corresponding load
- The carriage length remains unchanged and does not affect the maximum stroke

- LUBE-S is the optimal lubricant for all short-stroke applications
- LUBE-S lubricates the ball bearings which are directly under load
- The smoothness, push force and service life are maintained long-term thanks to LUBE-S
- Maintenance costs are reduced substantially
- The minimal consumption of lubricant is good for the environment
- LUBE-S can be easily replaced

A compact solution

The external dimensions of the carriages remain the same. The maximum stroke is therefore not affected.



Smoothness



The LUBE-S oil reservoir contacts the ball bearings at a single point. The push forces of the carriages are therefore not affected and the smoothness of the MINIRAIL system is maintained at a high level.

For reader enquiries please mention P&TR:

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Getting a grip on collaborative robots

The Universal Robots from R. A. Rodriguez are proving immensely popular for human/robot collaborative working. Indeed the latest generation of these six-jointed arms includes a newly developed and patented safety system that enhances the robots' use for tasks that require human interaction.

Now R. A. Rodriguez is extending the scope of its service to include the supply of Robotiq grippers to complete the Universal Robot package. This is an ideal combination as it makes

affordable automation accessible to any manufacturer. R. A. Rodriguez has become the only supplier in the UK to offer the complete range of Robotiq grippers. These are off-the-shelf products available in 2-finger and 3-finger configurations and are known for their ease of integration. A notable model in the range is the 2-finger 85



which has been specifically designed for collaborative work in terms of payload, flexibility and user-friendliness.

Completing the Robotiq range is the FT-150 Force Torque Sensor that provides flexible handling and sensor feedback to the Universal Robot. This 6-axis Force Torque Sensor

is designed for force and position control, it's easy to integrate and offers immunity from external noise. Use the signal directly as digital input to your robot controller, without the need for an external signal processing box.

For reader enquiries please mention P&TR:

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