

# Spindle Disc Auto Lube System

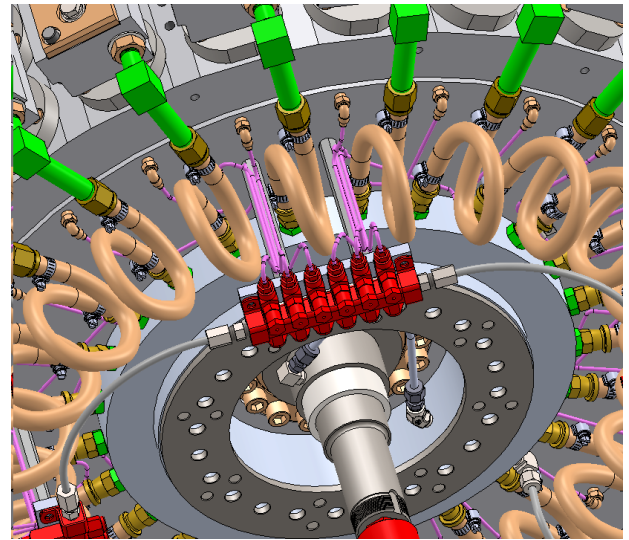
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## Technical Bulletin 2502-3 for Stolle Rutherford Decorators

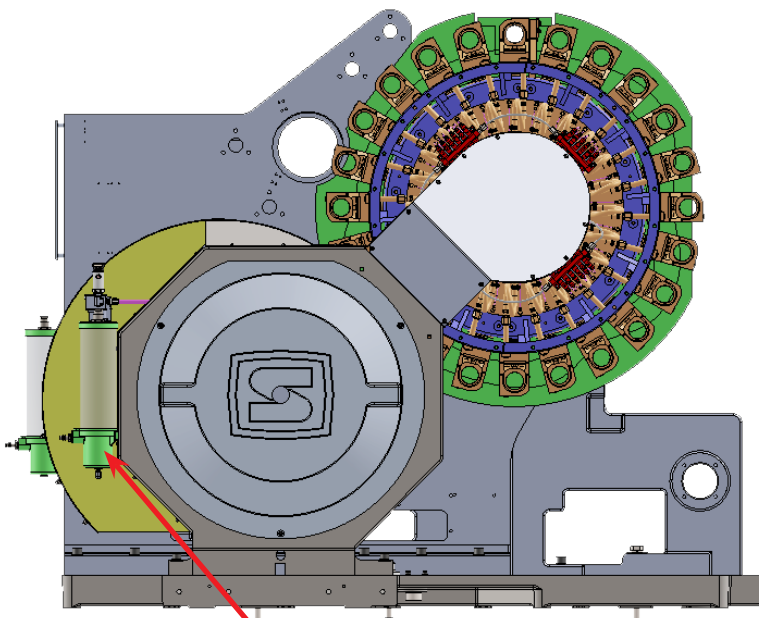
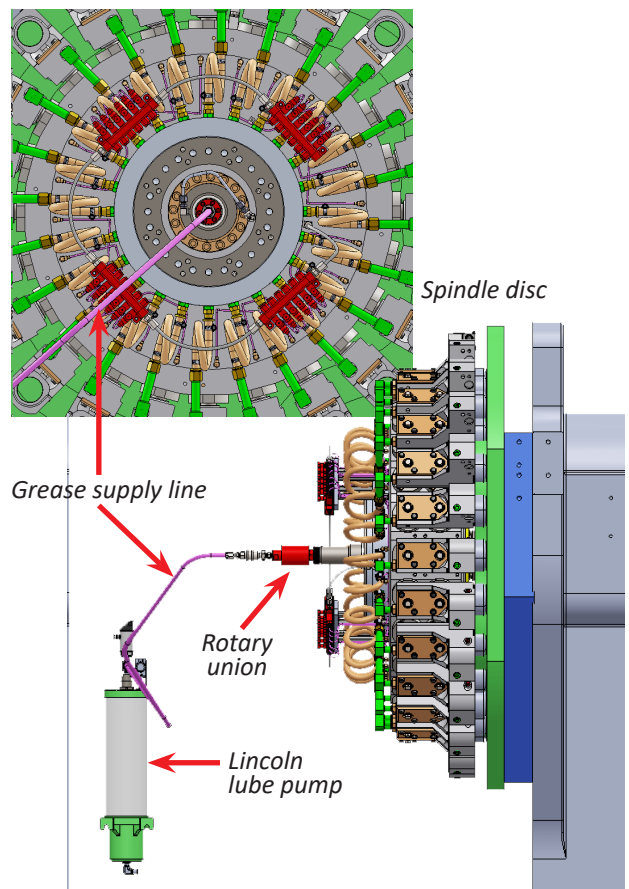
Stolle has developed an auto lube system for the spindle disc of Rutherford Decorators. The lubrication of the mandrel support assemblies mounted on the spindle disc is controlled automatically from the machine HMI. The lube volume and frequency can easily be adjusted through the control system on the HMI screen.

The new auto lube system uses the same Lincoln grease pump that is already used throughout the machine for the other auto lube systems. Grease is pumped to the rotating spindle disc through a rotary union on the center shaft, and is distributed to 4 injector blocks mounted around the drum. Each injector block has 6 injectors that meter the grease to the 24 mandrel support assemblies. The system uses blue XHP222 grease which allows easy visual inspection to ensure the grease lines for each station are full.

The new spindle disc auto lube system is available for all Rutherford spindle disc types. Retrofitting requires some rework to the spindle drum and adaptor plate. The spindle disc shaft will also need to be replaced with one that includes a grease line and rotary union.



One of the four grease injector blocks with 6 injectors



Additional lube pump for the spindle disc is mounted on the disc transfer support casting



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