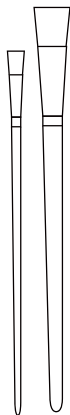


NestWorks

Maintenance Kit

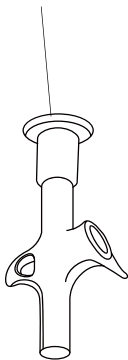
User Guide



Maintenance Kit

Grease Gun

Grease Injection



Grease

Guideway Lubrication



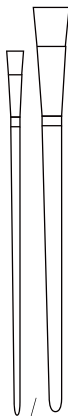
Rust-Preventive Oil

Metal Rust Prevention

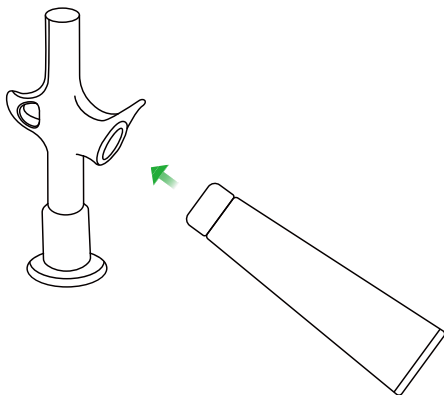


Brush Set

Rust-Preventive
Oil Application



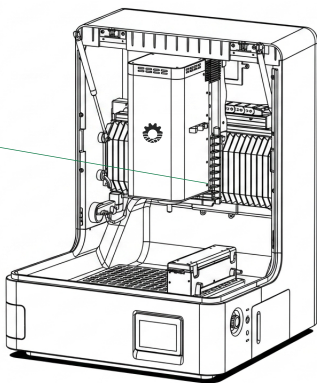
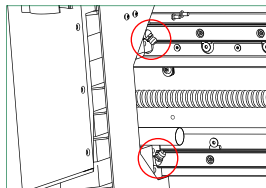
Lubrication



(1)

- 1) Attach the grease cartridge to the grease gun.

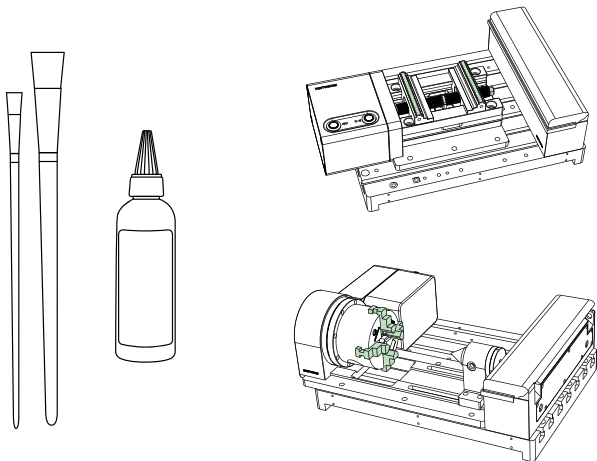
■ Positioning



(2)

- 2) Remove the bellows cover, then inject grease into the lubrication port on the slide block.

Rust Prevention



For rust prevention on rust-prone parts such as the electric vise jaws, electric vise lead screw, and 4th-Axis self-centering four-jaw chuck.

■ 4th-Axis Maintenance

A maintenance schedule for the 4th-Axis chuck is recommended based on machine usage frequency.

Table 8-2 Maintenance

Usage Condition	Maintenance Interval
Daily operating time exceeds 10 h/day	Perform chuck maintenance every 7 days
Daily operating time is less than 10 h/day, or used intermittently	Perform chuck maintenance every 15–30 days
Long-term storage	Complete a full maintenance procedure, then seal and store the chuck in the packaging box

Chuck maintenance procedures:

- 1) Use an air gun or soft brush to remove chips and coolant residue from the chuck body, guide surfaces, and jaw gaps.
- 2) Spray anti-rust oil evenly into the interior of the chuck and onto the guideway surfaces until a small amount of oil overflows. Ensure the surfaces of the chuck and jaws are fully coated for rust prevention.
- 3) Inject grease through the chuck lubrication port until fresh grease overflows from the inner jaw holes.

■ Electric Vise Maintenance

Develop a maintenance schedule for the vise body based on the machine's operating hours and frequency of use.

Table 8-3 Maintenance

Operating Condition	Recommended Maintenance Interval
More than 10 h of operation per day	Perform vise body maintenance every 7 days
Less than 10 h of operation per day, or intermittent use	Perform vise body maintenance every 15–30 days
Extended periods of non-use	Perform complete vise body maintenance, then return the vise to its packaging box or seal and store it in a dry environment

Perform vise body maintenance as follows:

- 1) Use an air gun or soft brush to remove chips and residual cutting fluid from the vise body, guide surfaces, and gaps around the jaws.
- 2) Apply sufficient anti-rust oil evenly to the inside of the vise body and the guide surfaces, until a small amount of oil flows out. Apply anti-rust oil evenly to the outer surfaces of the vise body and jaws, forming a protective oil film.



<https://docs.worksbase.com/en/home>

Visit the official NestWorks Wiki for more detailed
machine usage tutorials.

