

# TUJ 50M x2000 (2023)

## Scope of Refurbishment

### a. Headstock assembly

- Disassembly washing of the body and parts
- Replacement of all bearings including spindle bearings
- Regeneration of the spindle grinding of the faces, cone internal and external.
- Replacement of oil and oil filter cartridge.
- Replacement or regeneration of worn parts

### b. Lock assembly:

- Disassembly washing the body and parts
- Regeneration of the nut body
- Milling and bushings of the pull bolt and shaft holes
- Replacement of the bevel gear assembly
- Replacement of the pull bolt nut
- Replacing the longitudinal feed gear shaft
- Replacement of bevel gear shaft sleeve
- Replacement of bearings
- Replacement of standards (screws, seals, springs)
- Replacement or reconditioning of worn parts

### c. Norton assembly:

- Disassembly washing the body and parts
- Replacing bearings
- Replacement of bearing bushings
- Replacement of standards (screws, seals)
- Replacement or reconditioning of worn parts

### d. Tailstock assembly:

- Regeneration of the pinhole, replacement of the pinhole with a new one (oversize)
- Replacement of bolt with nut
- Replacement of the bearing
- Replacement of standards (bolts, seals)

- Replacement or regeneration of worn parts

- e. Slide:

- Grinding the slide guide of the longitudinal and transverse slide,

- Bonding the guide with plastic

- Guideway and wedge alignment

- Replacement of the transverse bolt with nuts,

- Replacement of standards (screws, seals)

- Replacement or reconditioning of worn parts

f. Tool slide:

- Regeneration of tool slide guides,

- Lining the swallow and wedge guide with Turcite Samring plastic,

- Guiding out the geometry of the guides and wedge by scraping,

- Replacement of the bolt including the nut,

- Replacement of standards (screws, seals)

- Replacement or reconditioning of worn parts

g. Tool vice:

- Disassembly washing the body and parts

- Grinding the surface of the body of the vice

- Replacing bearings

- Replacement of tool mounting screws

- Replacement of standards (screws, seals)

- Replacement or reconditioning of worn parts

h. Bed assembly:

- Disassembly washing the bed

- Regeneration of bed guides by grinding,

- Replacement of the first two gear strips

- Replacement of standards (screws, seals.)

- Replacement of the screw and the pulling shaft

i. Cooling system

- Disassembly washing

- Replacement of the cooling pump