

UNITOR Bench Lathe Super Model

AVULABLE AND ABSOLUTELY NECESSARY SMALL BENCH LATHE FOR HOROLOGY AND HIGH-PRECISION MACHINING; COMPLETE WITH FITTINGS TO BORE, GRIND AND MILL WHEELS AND PINIONS

This new Lathe ensures the highest precision and an easy execution of the most various and difficult works in horology and precision mechanics sectors in general.

Our range includes three versions, from the most complete Super Model - provided also with a milling head - to the simpler Simple and Standard models.

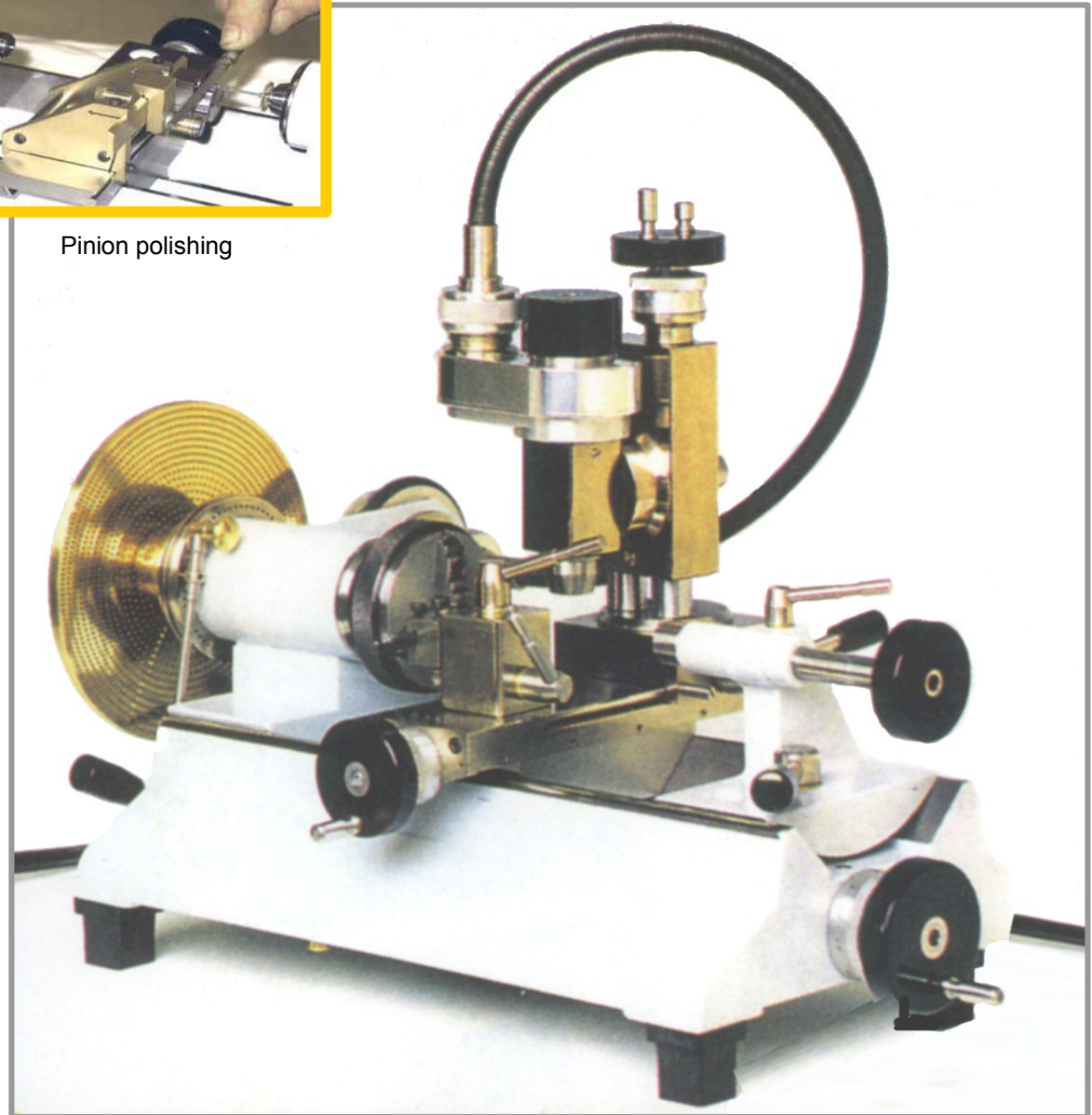
The three versions are modular with one another, so that the lathe can be adapted according to your needs any time you want. For example, if you already have the simplest version, you can change it into the Standard version or even into the Super one, simply by expanding the fittings available; in this way, additional costs will be avoided should you have further working necessities coming up.

Provided with original technical solutions such as the slide-rest quick release, the rapid tool change and the comfortable positions of adjustments, it is extremely simple to use and can be used by any operator. Furthermore, thanks to the large number of fittings, a lot of different works can be carried out: from boring and resetting pivots to milling wheels and pinions, as well as grinding barrels, and more.

With its top-quality materials and valuable finishes, the Lathe by Unitor stands out in an absolutely prestigious position within its category. Have it among your equipment: it will be extremely helpful for your work and you will not be able to do without it!



Pinion polishing



EQUIPMENT

The Super model includes the equipment of both the Simple and the Standard Models

Simple Model

1. Fixed and drilling tailstock
2. T-rest
3. Saw-table
4. Roller rest
5. 2 HSS cutters
6. 3 American chucks shank \varnothing 8 mm
(Self-centering chuck not included)
7. Speed regulating Foot Rheostat

Standard Model

8. Slide-rest with quick release tool post
9. Slide-rest quick release for large motion on the bed
10. Headstock with 3-step pulleys for reduction gear

Super Model

11. Vertical-sliding rest with milling head
12. Milling head transmission
13. Milling cutter holder
14. Grinding wheel holder
15. Chuck for holding wheels to be cut
16. Divided plate
17. Plate reaming attachment
18. Device to bore pinion and reset pivots compatible with Jacot drums for grinding and polishing pivots
(Jacot drums not included)
19. Device to grind and polish pendulum pallet-stones
20. Aluminium plate \varnothing 70 mm to grind clock barrels ovalized hole.
21. Device to move the divided plate from the headstock to the milling vertical-sliding rest

Chucks shank \varnothing 8mm

Height of centers 62 mm

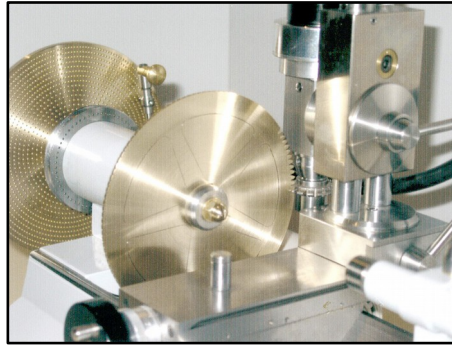
Distance between centers 170 mm

Bed length 300 mm

Overall dimensions: 240x420x160h mm

Electric Motor 220 V - 10 Hp range of speed from 50 to 3000 rpm

Approx. Net Weight kg 13



Execution of gear cutting by Divided plate



Plate boring

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UNITOR LATHE

SUPER Model

