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Lathes
250 AT.01



Screw-cutting lathe with operational control system. The control system is designed to reduce the requirements for the qualifications of service personnel, this is the optimal solution for machines operated in conditions of a shortage of skilled workers. For maintenance of the machine, an adjuster and a technologist are not needed; the machine operator can create the part processing programs himself. The control system is the ability to use templates with typical parts contours, writing a control program by the operator (turner) on the display using an intuitive menu, archiving control programs and the possibility of repeating them after a long time, simplicity and safety of work.

Graphic operator panel with touch screen.

High-power electric motor and frequency converter, stepless speed switching, main drive power 5.75 kW.
Technological cycles of parts processing: external, internal, transverse, axial processing.
The maximum length of the part machined in the centers of 500 mm.
The maximum diameter of the part is 250 mm.

Screw-cutting lathe 250 AT.CS



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| | |
|---|-------------------|
| Center-to-center distance, mm | 710 |
| The largest diameter of the workpiece, mm: over bed / over support | 320 / 170 |
| Spindle bore, mm | 32 |
| Max. the size of the cutter , mm | 20 |
| Spindle taper | Morse 5 |
| Tailstock Quill | Morse 3 |
| Tailstock Quill stroke, mm | 100 |
| Spindle speed, RPM | 25 – 2500 |
| Number of spindle speeds | steplessly |
| Main drive motor, kW | 7,5 |
| Longitudinal feed, mm/Rev | 0,01...1,1 |
| Cross feed range, mm/Rev | 0,005...0,9 |
| DRO on 2 axes, graduation X / Z , mm | 0,001 / 0,005 |
| Accuracy class according to GOST 8-82 | “II” |
| Metric thread, mm | 0,1...56 |
| Inch thread, 1” | 3...60 |
| Modular thread | 0,1...28 |
| Dimensions (lxwxh), mm | 2000 x 880 x 1550 |
| Mass, kg | 1700 |



Screw-cutting lathe T250-750AT.F1



| | |
|---|-------------------|
| Center-to-center distance, mm | 500 |
| The largest diameter of the workpiece, mm: over bed / over support | 240 / 168 |
| Spindle bore, mm | 25 |
| Max. the size of the cutter , mm | 16 x 16 |
| Spindle taper | Morse |
| Tailstock Quill | Morse |
| Tailstock Quill stroke, mm | 85 |
| Spindle speed, RPM | 25-2500 |
| Number of spindle speeds | steplessly |
| DRO on 2 axes, graduation X / Z , mm | 0,001 / 0,005 |
| Metric thread, mm | 0,2 - 48 |
| Inch thread, 1" | 24 - 0,5 |
| Modular thread | 0,2 - 12 |
| Longitudinal feed, mm/Rev | 0,01 ... 1,8 |
| Cross feed range, mm/Rev | 0,005... 0,9 |
| Main drive motor, kW | 5,5 |
| Accuracy class according to GOST 8-82 | “B” |
| Dimensions (lxwxh), mm | 1790 x 810 x 1590 |
| Mass, kg | 1290 |

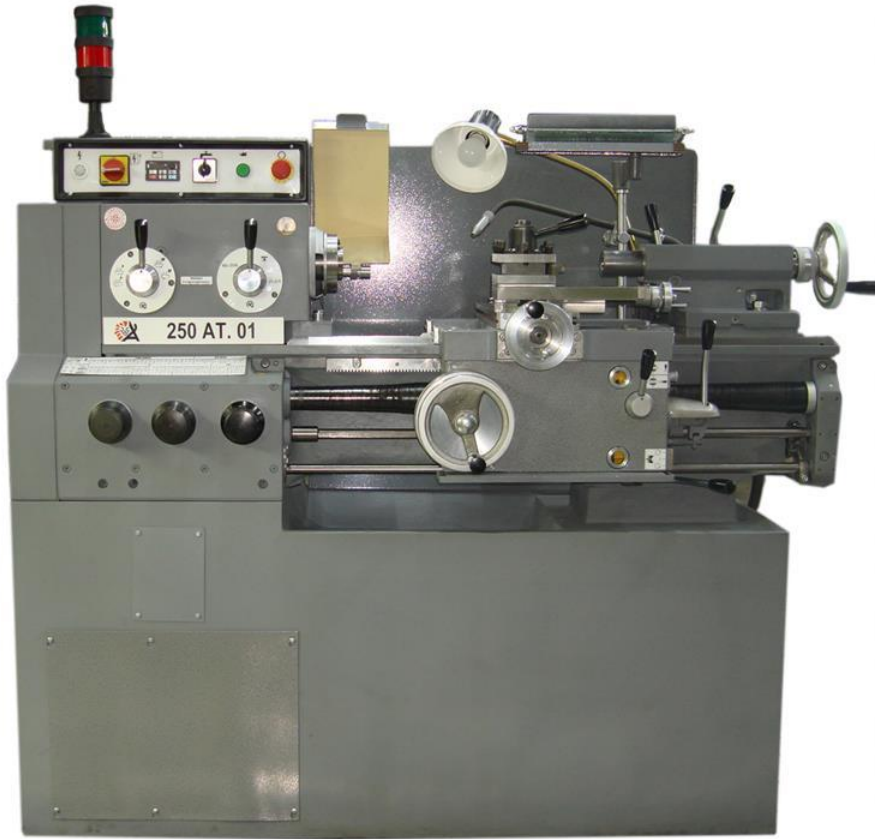
Screw-cutting lathe 250 AT.F1

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|---|-------------------|
| Center-to-center distance, mm | 710 |
| The largest diameter of the workpiece, mm: over bed / over support | 320 / 170 |
| Spindle bore, mm | 32 |
| Max. the size of the cutter , mm | 20 |
| Spindle taper | Morse 5 |
| Tailstock Quill | Morse 3 |
| Tailstock Quill stroke, mm | 100 |
| Spindle speed, RPM | 25 - 2500 |
| Number of spindle speeds | steplessly |
| Metric thread, mm | 0,1...56 |
| Inch thread, 1" | 3...60 |
| Modular thread | 0,1...28 |
| Main drive motor, kW | 7,5 |
| Longitudinal feed, mm/Rev | 0,01...1,1 |
| Cross feed range, mm/Rev | 0,01...0,6 |
| Accuracy class according to GOST 8-82 | "II" |
| Dimensions (lxwxh), mm | 2000 x 880 x 1550 |
| Mass, kg | 1700 |



Screw-cutting lathe T250-750AT.01



| | |
|---|-------------------|
| Center-to-center distance, mm | 500 |
| The largest diameter of the workpiece, mm: over bed / over support | 240 / 168 |
| Spindle bore, mm | 25 |
| Max. the size of the cutter , mm | 16 x 16 |
| Spindle taper | Morse 4 |
| Tailstock Quill | Morse 3 |
| Tailstock Quill stroke, mm | 85 |
| Spindle speed, RPM | 25-2500 |
| Number of spindle speeds | steplessly |
| Longitudinal feed, mm/Rev | 0,01 ... 1,8 |
| Cross feed range, mm/Rev | 0,005... 0,9 |
| Metric thread, mm | 0,2 - 48 |
| Inch thread, 1" | 24 - 0,5 |
| Modular thread | 0,2 - 12 |
| Main drive motor, kW | 5,5 |
| Accuracy class according to GOST 8-82 | "B" |
| Dimensions (lxwxh), mm | 1790 x 810 x 1590 |
| Mass, kg | 1290 |

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| | |
|---|-------------------|
| Center-to-center distance, mm | 500 |
| The largest diameter of the workpiece, mm: over bed / over support | 240 / 168 |
| Spindle bore, mm | 25 |
| Max. the size of the cutter , mm | 16 x 16 |
| Spindle taper | Morse 4 |
| Tailstock Quill | Morse 3 |
| Tailstock Quill stroke, mm | 85 |
| Spindle speed, RPM | 25 - 2500 |
| Number of spindle speeds | 12 |
| DRO on 2 axes, graduation X / Z , mm | 0,001 / 0,005 |
| Longitudinal feed, mm/Rev | 0,01 ... 1,8 |
| Cross feed range, mm/Rev | 0,005...0,9 |
| Metric thread, mm | 0,2 - 48 |
| Inch thread, 1" | 24 - 0,5 |
| Modular thread | 0,2 - 12 |
| Main drive motor, kW | 3 |
| Accuracy class according to GOST 8-82 | "B" |
| Dimensions (lxwxh), mm | 1790 x 810 x 1590 |
| Mass, kg | 1290 |



Screw-cutting lathe 250 AT.F1