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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

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

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 (l x w x h), 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
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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