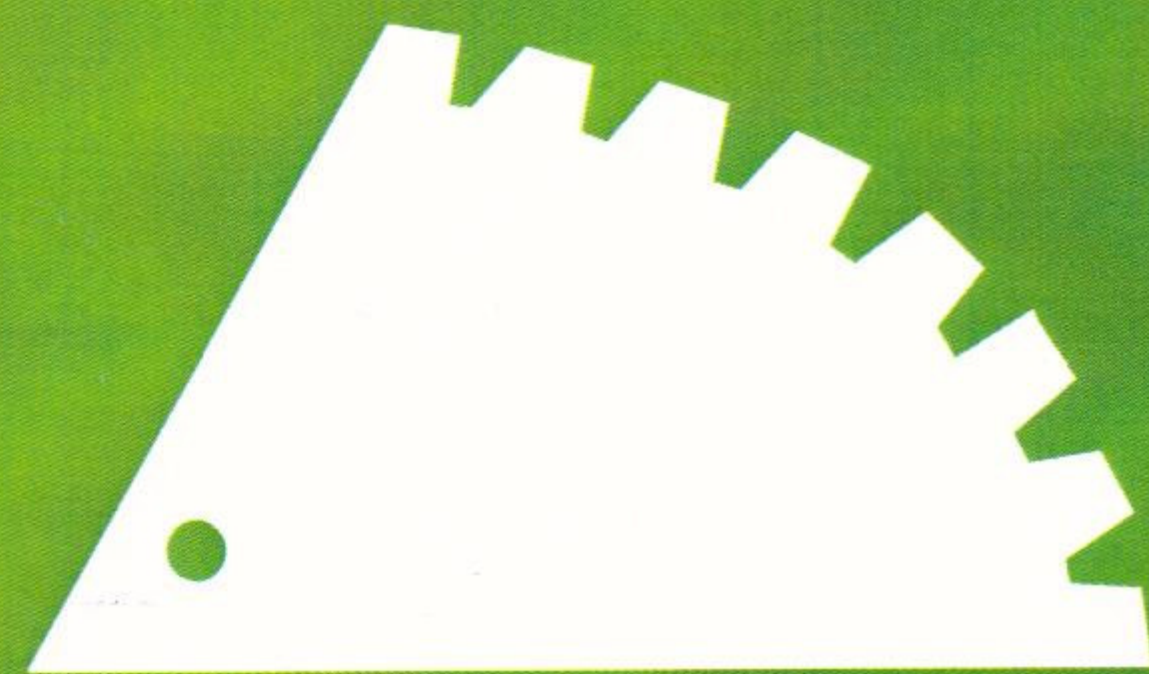
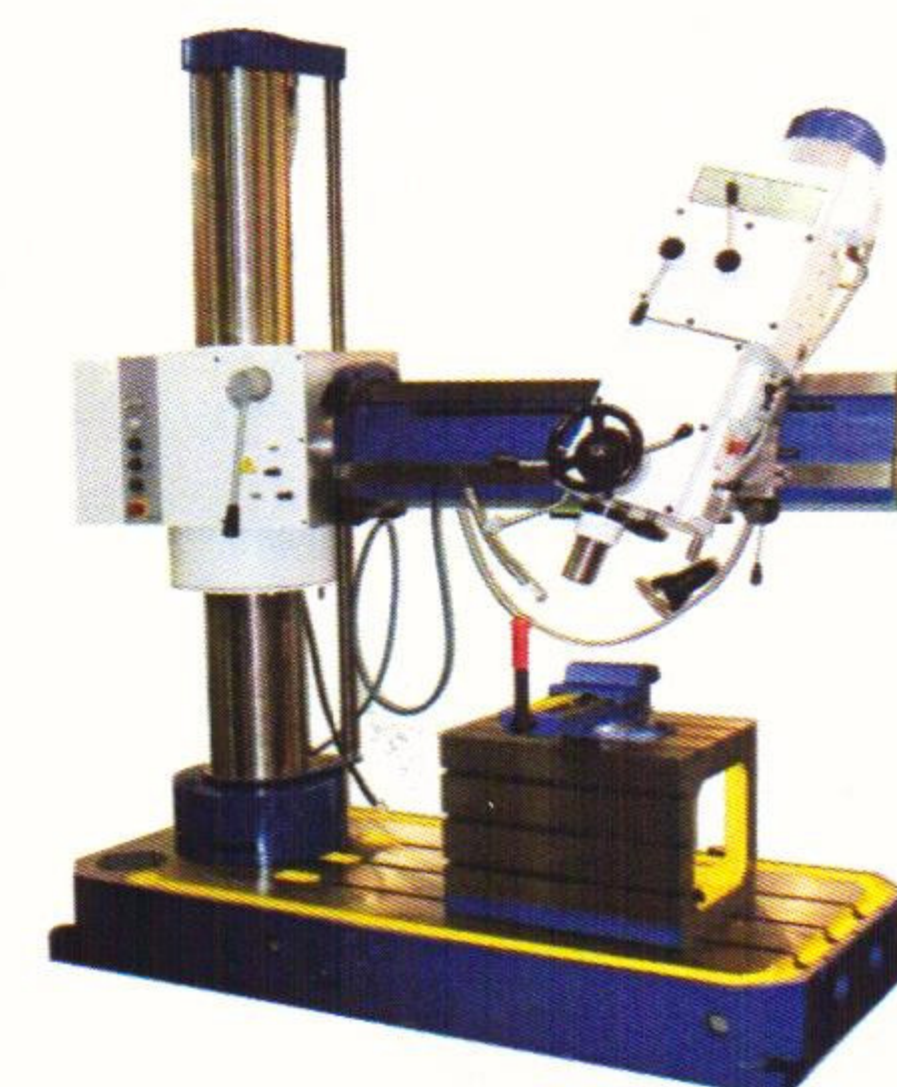
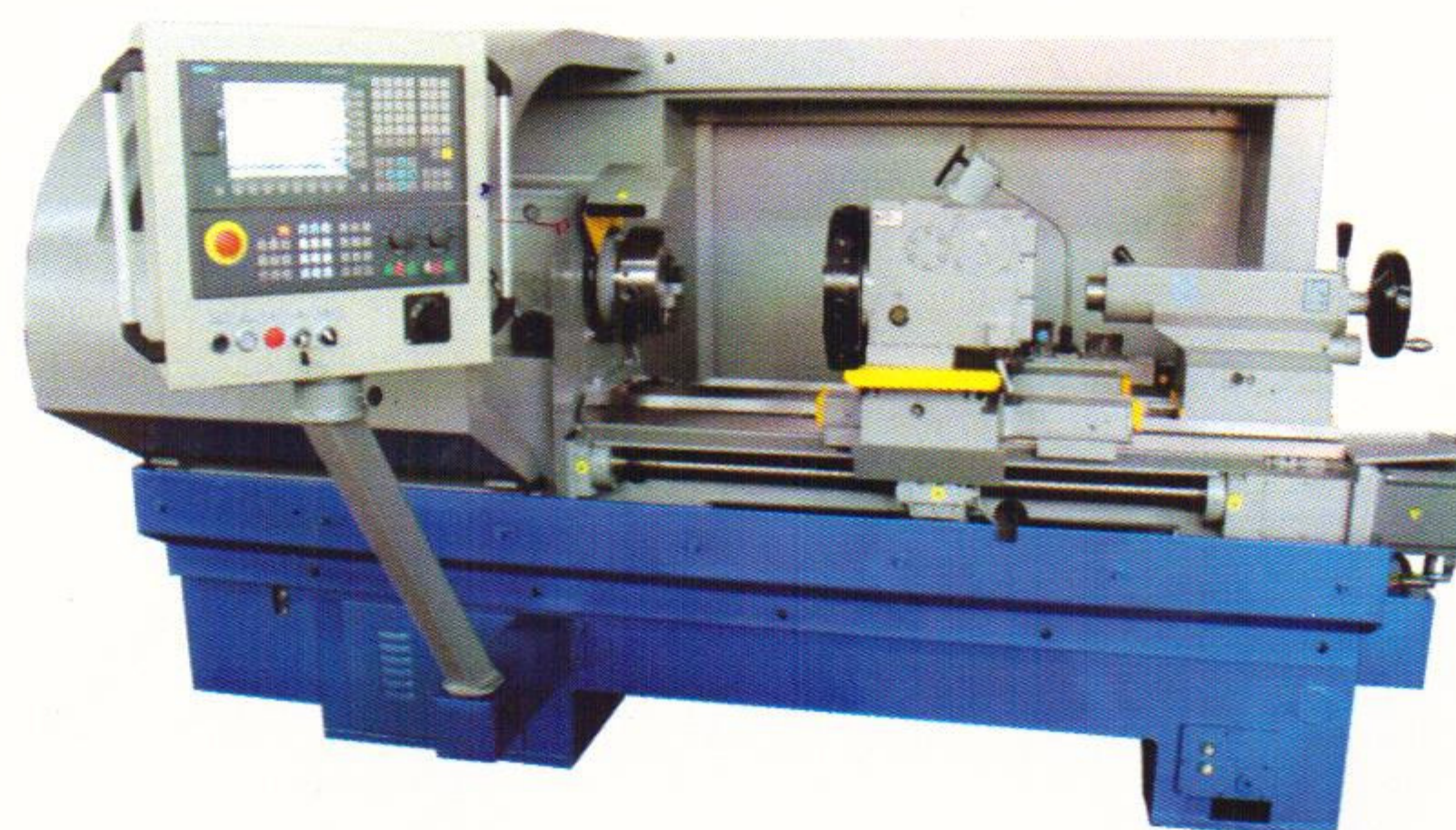


JOINT STOCK COMPANY
"GOMEL MACHINE TOOL UNITS PLANT"



WWW.GZSU.BY

- LATHES WITH CNC;
- LATHE-CUTTING MACHINES;
- DRILLING MACHINES;
- UNITS OF MACHINES.



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GOMEL MACHINE TOOL UNITS PLANT

BENCH DRILLING MACHINES GS2112, GS2116K

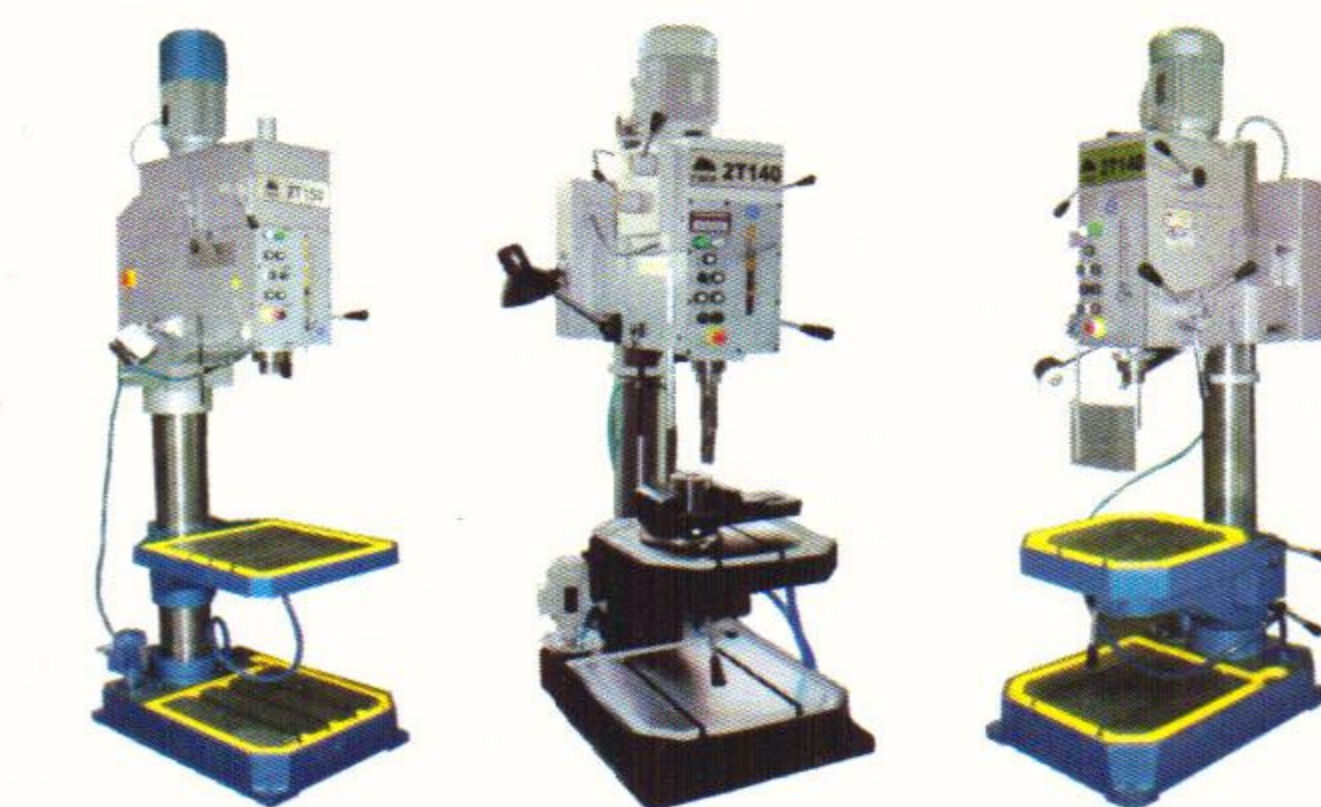
DRILLING MACHINES 2T118 and 2T118-01 (with system of cooling of the tool)



* when ordering

	GS2112	GS2116K	2T118	2T118-01
Maximum nominal drilling diameter in steel, mm	12	18	18	
The range of the thread cutting	-	M4...M12	M4...M16	
Overhang (distance from the spindle axis to the forming column), mm, not less	190		195	
Maximum stroke of the drill head, mm	250	200	300	
Maximum spindle stroke, mm	100		110	
The size of the spindle, mm: external internal	B18 -	Morse 2 or B18*	Morse 2	
Size of the working surface of the plate, mm, LxB	250 x 250		250x250	
Number of spindle speeds	5	6	6	
Limits of the spindle speed, rpm.	450, 800, 1400, 2500, 4500	200, 320, 560, 800 1200, 2100	200...2100	
Drive power, kW	0,55	0,75	0,75	0,93
Overall dimensions of the machine, mm max, LxBxH	780x420x982	640x460x1260	665x465x1285	
Weight of machine (net/gross), kg, not more	100 / 135	140 / 175	150 / 180	160/195

VERTICAL DRILLING MACHINES 2T125, 2T140, 2T150



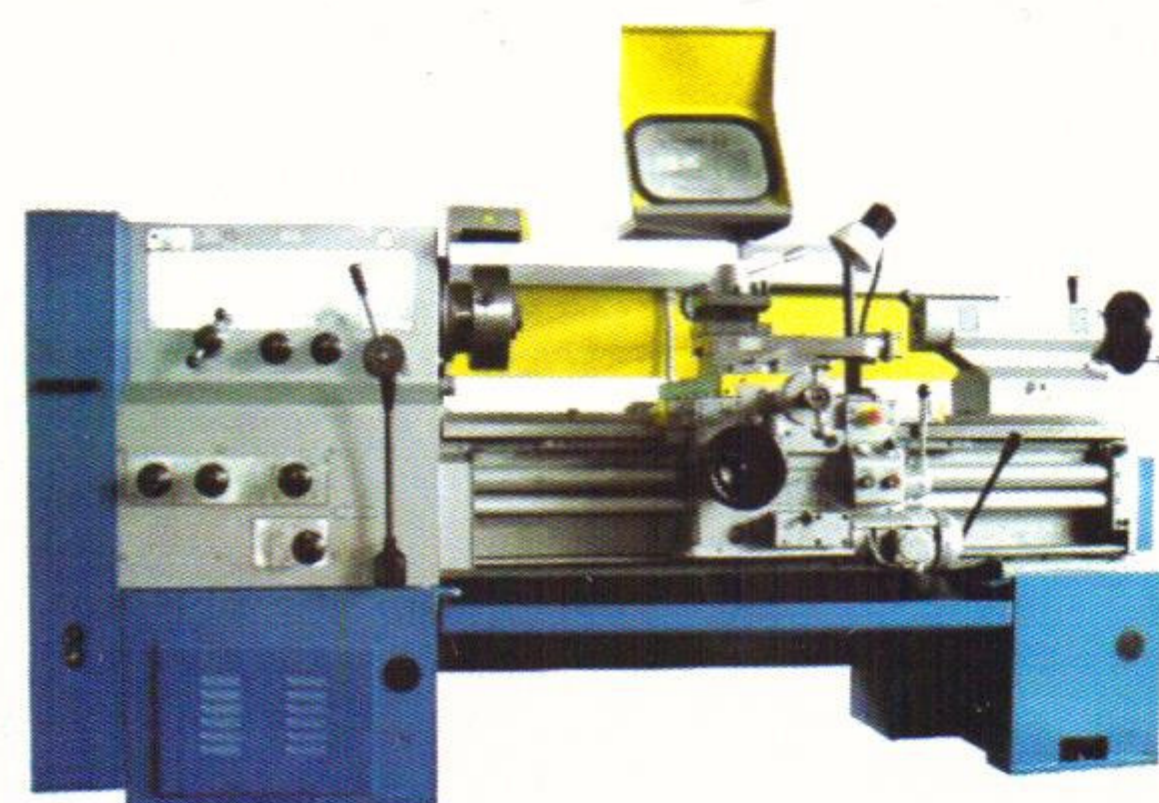
	2T125	2T140	2T150
Maximum nominal drilling diameter, mm In steel / cast iron	25 / 32	40 / 45	50 / 60
Maximum diameter of the thread to be cut, mm, in steel	M20	M24	M42
Spindle taper	Morse 3	Morse 4	Morse 5 AT6
Maximum spindle stroke, mm	160	160	260
Distance from the end of the spindle to the table, mm	0-810	0-700	0-1200
Size of the working surface, mm,: table (LxB) plate (LxB)	400x500 500x525	500x500 560x560	610x605 615x630
Number of spindle speeds	8	8	12
Limits of the spindle speed, rpm.	80...2000	75...1800	40...1730
Spindle feed, mm/Rev	3 (0,1...0,3)	3 (0,1...0,3)	9 (0,06...1,5)
Total power of electric motors, kW	1,68	2,38	4,18
Overall dimensions of the machine (LxBxH), mm, no more	770x540x2140	950x560x2200	960x630x2590
Weight of machine (net/gross), kg, not more	430 / 580	575 / 760	850 / 1040

RADIAL DRILLING MACHINES 2K522-03, GS545, 2K550V



	2K522-03	GS545	2K550V
Maximum nominal drilling diameter, mm In steel	32	45	55
Maximum diameter of the thread to be cut, mm, in steel	M16	M24	M48
Overhang (distance from the spindle axis to the forming column), mm, (max/min)	800 / 300	1100 / 320	1600 / 370
Distance from the end of the spindle to the working surface of plate, mm (max/min)	960 / -220 (-220 below the plane of the plate)	1250 / -60 (-60 below the plane of the plate)	1600 / 580
Maximum vertical movement of the arm along the column, mm, not less	930	1060	1280
The size of the spindle	Morse 4 AT6		Morse 5 AT6
Number of spindle speeds	12	12	12
Working feed rate, mm/Rev	0,056; 0,1; 0,18; 0,32		0,06...1,5
Main drive power, kW	1,5	3	4
Overall dimensions of the machine (LxBxH), mm, no more	1720x940x1990	1800x925x2260	2540x900x2720
Weight of machine (net/gross), kg, not more	1100 / 1270	1480 / 1800	3500 / 4000

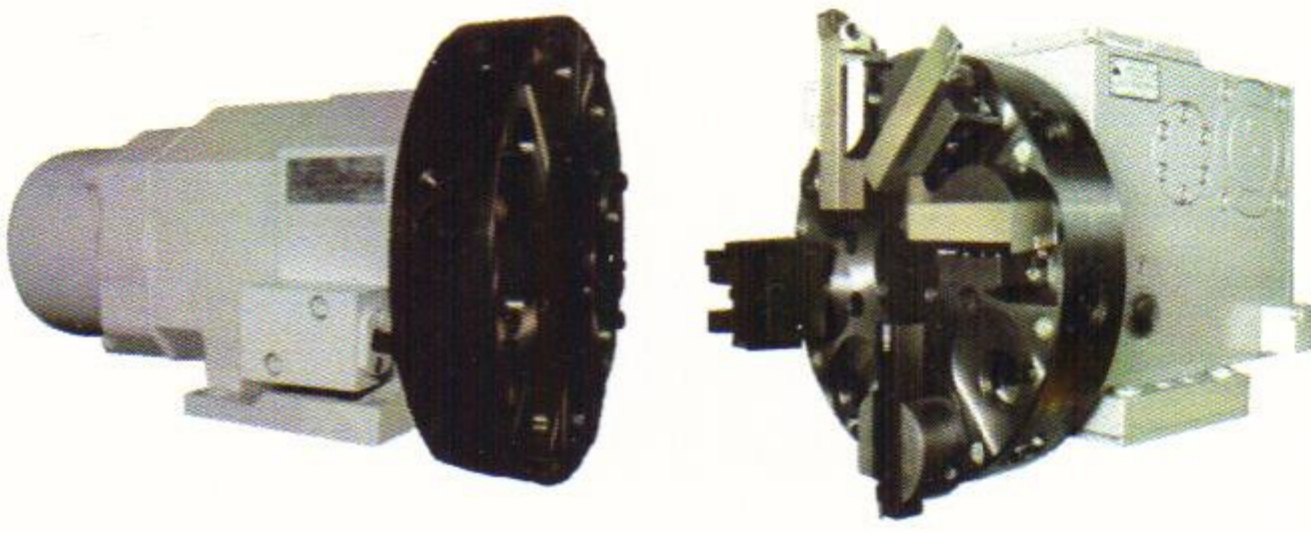
SCREW-CUTTING LATHE GS526U (C)



The largest diameter of the workpiece above: bed /cross slide, mm	500 / 275 (420 ¹⁾)
Maximum length of the workpiece to be installed (when installed in the centers), mm, not less over the gap in the bed, mm, not less	1000 ³⁾ / 1500 ³⁾ / 2000 ³⁾ / 3000 ³⁾ 235 ²⁾
Maximum height of the cutter installed in the tool holder, mm	25
Number of spindle speeds: forward rotation / reverse rotation	22 / 11
The range of frequencies of the spindle, rpm	16 – 2000
The number of submissions caliper: longitudinal / transverse	24 / 24
Caliper feed limits, mm/Rev: longitudinal / transverse	0,05...2,8 / 0,025...1,4
Limits of steps of threads to be cut metric, mm / modular, module inches, number of threads / pitches, pitch	0,5...112 56...0,5
Maximum torque on the spindle, kNm	1
Overall dimensions of the machine, mm, no more: length: the distance between centres 1000/1500/2000/3000 width: height:	2800 / 3380 / 3880 / 4880 1265 1360,1430 ¹⁾
Machine weight, kg, no more, the distance between centres 1000/1500/2000/3000	3100 / 3500 / 3680 / 4400
Accuracy class of the machine	heightened

- ¹⁾ For machines with index B.
²⁾ For machines with the index G.
³⁾ When the tailstock moves 70 mm beyond the end of the frame.
 «C» - with digital display on the x/z axes.

AUTOMATIC MULTI-POSITION HEADS UG9321, UG9326-06, UG8



	UG9321	UG9326	UG8
Distance from the base plane to the axis of the automatic head, mm	121	121	121
Number of positions	6	8	8
The size of the hole for the tool post, mm	Ø50H7	Ø40H7	Ø40H7
Maximum permissible cutting torque, kH x m	2,6	2,8	2,8
Tool fixation stability, microns in the radial direction / in the axial direction	5 / 10	5 / 10	3 / 6
Electric motor power, kW	0,37	0,37	0,37
Overall dimensions of the head without tool blocks, mm max: LxBxH	585 x 325 x 325	500 x 335 x 335	421 x 335 x 351
Weight (net/gross), kg, max	122 / 142	115 / 140	165 / 185
Direction of rotation	Unilateral	Unilateral	Reverse

CNC LATHE 16GS25F3



The largest diameter of the workpiece above: bed /cross slide, mm	320 / 200
Maximum processing length, mm, not less	735
Maximum height of the cutter installed in the tool holder, mm	25
Number of tool head positions	8
The range of frequencies of the spindle, rpm	20 – 2500, 16-1600*
Total power consumption of the machine, (maximum), kW	17
Overall dimensions of the machine, mm, no more: length	3060, 3360** / 3285***
width	1775
height	1675
Machine weight, kg, no more	3800
Accuracy class of the machine	heightened

* For a machine with the index "D".

** For a machine with the index "M".

*** For a machine with the index "P".

CNC LATHE GS1725F3



	B	B1
The largest diameter of the workpiece installed above the bed/ processed over the bed / processed over the support, mm	500 320 / 200	-
The largest diameter of the bar of the workpiece, mm	-	52
Diameter of the cylindrical hole in the spindle, mm	72	
Maximum processing length, mm, not less	750	150
Number of tool head positions: Ug8	8	
The range of frequencies of the spindle, rpm	5 – 4000	
Limits of steps of threads to be cut	0,25-40	
Total power consumption of the machine, (maximum), kW	20,1	17
Overall dimensions of the machine, mm, no more: length	3160 / 3240	
width / height	1800 / 1750	
Machine weight, kg, no more	3500	3550
Accuracy class of the machine	heightened	

CNC LATHE (WITH OPERATIONAL CONTROL SYSTEM) mod. 16GS32SU1 and mod. 16GS32SU1D



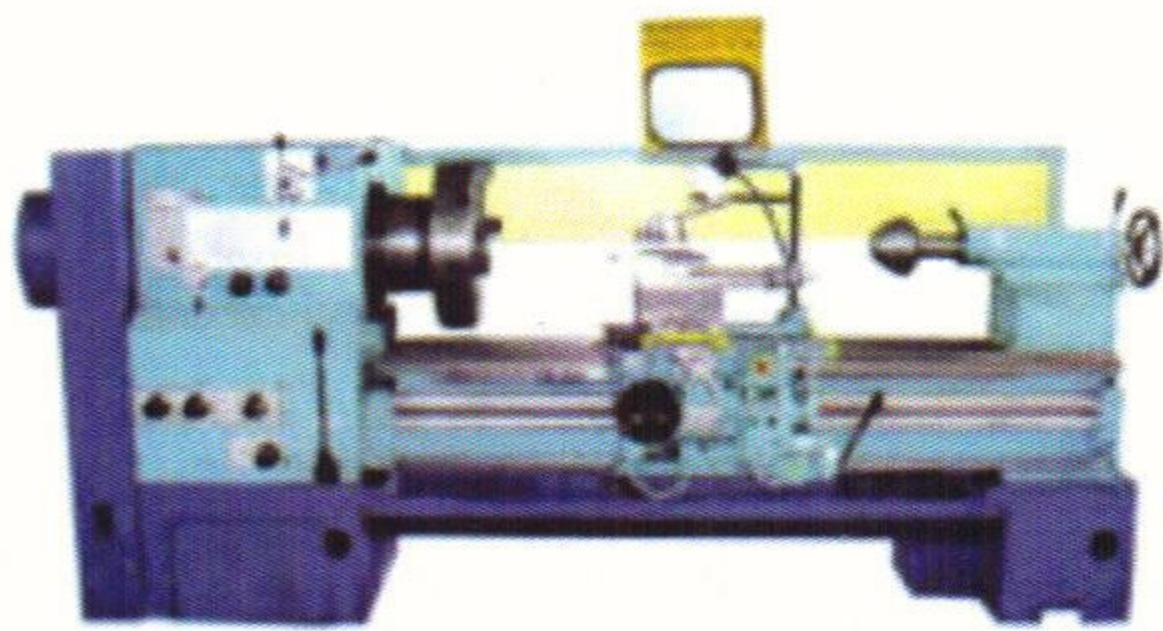
	16GS32SU1	16GS32SU1D
The largest diameter of the workpiece installed above the bed/ processed over the bed / processed over the support, mm	630 / 430 / 325	
The largest diameter of the workpiece passing through the hole in the spindle, mm	55	89
The largest turning length, mm, not more: distance between centres - 1000mm	810	760
distance between centres - 1500/ 2000 mm	1310 / 1810	1260 / 1760
Maximum height of the cutter installed in the tool holder, mm	25	
The range of frequencies of the spindle, rpm	20 – 2500	16-1600
Limits of steps of threads to be cut	0,25 – 40	
Total power consumption of the machine, (maximum), kW	18,3	
L – length, mm, when the distance between centres = 1000 / 1500 / 2000	3050 / 3630 / 4120	
BxH - width / height	1900 / 1675	
Machine weight, kg, no more, when the distance between centres = 1000 / 1500 / 2000	3630 / 4000 / 4500	
Accuracy class of the machine	heightened	

BCNC LATHE 16GS40SU-01



The largest diameter of the workpiece installed above the bed, mm	840
The diameter of the workpiece processed over the bed/support, mm	600 / 450
Maximum length of the workpiece to be installed, mm	1500
Diameter of the cylindrical hole in the spindle, mm	80
Height of the centers above the bed guides, mm	400
Maximum torque on the spindle, Nm	1900
The range of frequencies of the spindle, rpm	16-1600
Main drive power, kW	22,93
Overall dimensions of the machine, mm, no more: length / width / height	4400 / 2200 / 1700
Machine weight, kg, no more	5500
Accuracy class of the machine	heightened

SCREW-CUTTING LATHE GS526UD



1) for machines with index B.

The largest diameter of the workpiece processed over the bed/support, mm	500 / 275, 420 ¹⁾
The maximum length of the workpiece to be installed (when installed in the nter), mm, when the distance between centres 1000 / 1500 when the distance between centres 2000 / 3000	1000 / 1500 2000 / 3000
Maximum height of the cutter installed in the tool holder, mm	25
The range of frequencies of the spindle, rpm	16 – 2000
Caliper feed limits, mm/Rev: longitudinal / transverse	0,05...2,8 / 0,025...1,4
Total power consumption of the machine, (maximum), kW	12,12
Overall dimensions of the machine, mm, no more: length width height	2800 / 3380 3880 / 4880 1265 1460,1530 ¹⁾
Machine weight, kg, no more ,when the distance between centres = 1000 / 1500 / 2000 / 3000	3100 / 3500 3680 / 4400
Accuracy class of the machine	heightened

CNC TURNING CENTER GS1750



	WITH COUNTER SPINDLE	WITH TAILSTOCK
The largest diameter of the workpiece installed above the bed, mm	550	
The largest diameter of the workpiece processed over the bed, mm	360	
The maximum length of the workpiece including the length of the clip in the Chuck, mm	445	
Maximum bar diameter, mm	65*	
Number of tool head positions	12 / 8	
Number of controlled coordinate axes/ number of simultaneously controlled coordinate axes	3 / 3	4 / 3
The limits of rotation frequencies, Rev/min: spindle the counter spindle	20 / 4000 20 / 5000	-
Overall dimensions of the machine, mm max: length (without conveyor) width / height	3330 2000 / 1950	
Machine weight, kg, no more	5000	
Accuracy class of the machine	heightened	

SCREW-CUTTING LATHE GS526B



The largest diameter of the workpiece installed above the bed, mm	700
The largest diameter of the workpiece, mm, not less: – over the bed / over the caliper – in a fixed lunette (limits)	630 / 350 20...350
Maximum length of the workpiece, mm, not less (when the distance between centres – 1500/ when the distance between centres – 3000)	1500/3000
End of the spindle according to GOST 12593	11
The range of frequencies of the spindle, rpm	10...1250
Main drive power, kW	15
Overall dimensions of the machine, mm max: length (for 1500/3000mm) width / height	3740 / 5240 1780 / 1550
Machine weight, kg, no more	4840 / 5970
Accuracy class of the machine	Normal