

# A&L Simonyan Company

Mr. Arman Simonyan

Großhandel mit den GUS Staaten /RUSSLAND/

\* Chemical and Oil industry \* Engineering \* Raw material \* Drive engineering



## RADIAL DRILLING MACHINE 2K550

Max conventional drilling diameter, mm	
In steel	50
In iron	60
Max thread cutting diameter in steel	M42
Spindle overhang (max/min), mm	1600/370
Spindle taper	Морзе 5 AT6
Distance from spindle nose to plate (max/min), mm	1600/580
Max. vertical travel of sleeve along the column, mm, not less than	720
Max. travel of drill head along the sleeve, mm	1280
Spindle travel, mm	300
Number of spindle speed	12
Spindle speed rate, Rpm	40...1730
The number of degrees of working feeds	9
The limits of the supplies of spindle, mm/turn	0,06...1,5
The greatest torque on the spindle, Nm	600
The greatest effort of the supply, N	20000
Effective area, mm:	
Length	1670
Width	900
Turning off of supply reaching of the assigned depth of drilling	manual, automatic
The start of the reverse of spindle reaching of the assigned depth of thread	manual, automatic
The clamp of sleeve on the column	automatic
Column clamp in the base	automatic
The removal of tool of the spindle	mechanized
Main motor power, kW	4
Accuracy class (GOST 8-82)	Normal
Overall dimensions, mm, not more,	
Length	2500
Width	900
Height	2700
Machine weight (net/gross), kg, not more	3500
Overall dimensions, mm, not more,	
Length	2840
Width	1240
Height	3000

The radial drilling machine tool is intended for wide application in the industry.

Wide technical opportunities of the machine tool allow processing of apertures both in repair shops, and in shops of a large works.

Using this machine tool it is possible to drill in a continuous material, to bore out, to cut threads and similar axial operation.

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Design features and advantages of the machine tool:

- The simple and reliable decision of mechanisms of a speed box and submissions;
- Directing sleeves and columns are heat treated;
- Submission switching-off when the set depth of drilling is achieved available in manual or automatic mode;
- Inclusion of a spindle reverser when the set depth of a groove is achieved available in manual or automatic mode;
- The clip of a sleeve on a column and a clip of a column in a socle are made automatically;
- Presence of the mechanized removal of the tool from a spindle.

Application on the machine of special work tools considerably raises productivity of the machine tool and expands the list of possible operations.

