



System performance	KT530-T
Control axis	X, Z, S
Joint axis	X, Z
Minimum input unit (mm)	0.001
Minimum resolution (mm)	0.001
Maximum programming size (mm)	± 8388.607
Parts storage capacity (KB)	32
Programming background	✓
Interpolation method	A straight line, arc
Cutting feed rate (mm / min)	1 to 24000
Maximum fast forward speed (mm / min)	24000
Automatic acceleration and deceleration control	✓
Public / inch single head, long straight thread, taper thread cutting	✓
Constant surface speed cutting	✓
Comb-like knife, four turret and turret rotation control	✓
Controlled chuck and tailstock	✓
Manual of the knife function	✓
Backlash compensation	✓
Pitch error compensation	✓
Power to protect data	✓
RS232 communication interface	✓

Operating	KT530-T
Shortcut keys work	✓
Soft function keys	✓
Cycle start / stop	✓
Manual Feed and fast-forward button	✓
Electronic handwheel and handwheel override	✓
Feedrate override override	✓
Override the spindle speed override	✓
Manual continuous feed	✓
Manual of quantitative feed	✓
Manual reference position return	✓
M01 / conditions of the program segment	✓
Manual tool	✓
Cooling, lubrication control signal	✓
Manual Spindle / anti / off control	✓
Emergency stop button	✓

Spindle function	KT530-T
Spindle analog output	± 10V
M03/M04/M05	✓
Spindle automatic shift control	✓
Analog output spindle gear	✓

Machine parameters and diagnostics	KT530-T
Axis parameter setting	✓
System parameter settings	✓
Self-diagnostic system	✓
Diagnosis input and output interfaces	✓
Diagnostic procedures	✓
Software limit	✓
Communication error diagnostics	✓

G code	KT530-T
Absolute value of the G90 / incremental value G91	✓
Cartesian / polar coordinate	✓
The original coordinate system preset G92	✓
Polar origin pre- G93	✓
And on an arc tangent G08	✓
Three-point arc set G09	✓
Absolute arc center coordinates G06	✓
Controlled corner G36	✓
Cut into G37 / tangential exit G38	✓
Chamfering G39	✓
Workpiece coordinate system G53 ~ G59	✓
Coordinates programming point of view +	✓
Two-point programming	✓
Automatic return to reference point G74	✓
Criteria / parameters subroutine G21/G23	✓
Parameters of operation, the program branches, loops	✓
Fixed cycle	Turning
Tool radius compensation G40, G41, G42	✓
Tool length offset	✓
Scaling G72	✓

Show	KT530-T
5.7 " Black and white high-brightness LCD, 320 x 240	✓
Processing and implementation status of the program shows	✓
Processing time and parts count display	✓
Real-time clock display	✓
Fault Display	✓
Operation message display	✓
Notes displays the machine parameters	✓

Accessibility and tool functions	KT530-T
M2 -digit programming	✓
T2.2 Programming	✓

Input / output signals	KT530-T
Hardware limit the input signal	✓
Axis reference signal	✓
Four rotating turret and turret control signal	✓
Tailstock chuck and control signals	✓
Cooling and lubrication control signals	✓
Servo alarm input signal fault	✓
± 10V analog output shaft	✓
Spindle encoder feedback input	✓

KT530-T CNC shape and installation dimensions

