

RKS-46D/52D

Turret Lathe



MACHINE FEATURES

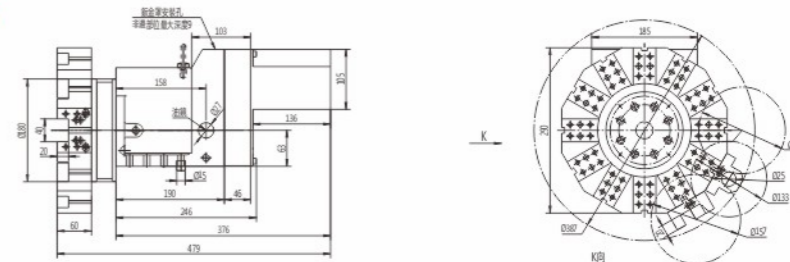
- ◆ One piece cast mold, large shocking proof damping and less deformation;
- ◆ 45 degree slant bed design, easy to get on and off workpieces, convenient to remove chip, assured of processing accuracy and smoothness;
- ◆ 12-station servo turret, more knives positions, achieving multi-functional processing such as turning, boring, drilling, tapping, less processing interference;
- ◆ Simple operation interface and programming system, easy to operate, and production efficiency highly improved;

APPLICATION

The machine is suitable for processing batch continuous heavy parts within a diameter of 46/52mm, with high-precision, high-efficiency, and multi-functional requirements, and widely used in motorcycles, optical instruments, medical equipment, oil pipelines, special motors, hydraulic and pneumatic engineering and other industries.

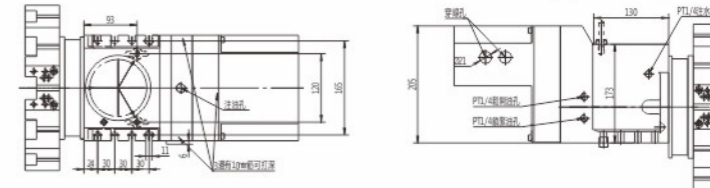
STANDARD ACCESSORIES

1 pc user manual, 5 pcs turret tool holders, 4 pcs row knife holders, 1 pc foot switches, 1 set hex wrench, 1 pc collect, 1 pc stop nut



OPTIONAL ACCESSORIES

Chuck, feeder, chip conveyor, manipulator, turret optional



MACHINE PARAMETERS

Item		Unit	RKS-46D	RKS-52D
Processing Capacity	Max rotation diameter	mm	Φ420	Φ420
	Max turning diameter	mm	Φ100	Φ100
	Max cutting length	mm	230	230
	X axis travel	mm	280	280
	Z axis travel	mm	300	300
Spindle	Spindle nose		A2-5	A2-6
	Spindle through-hole diameter	mm	Φ56	Φ66
	Max bar diameter	mm	Φ45	Φ52
	Max rotation speed	r/min	6000	4500
	Spindle motor power	kw	7.5	11
	Spindle drive power	kw	7.5	11
Feed Axis	Chuck diameter/size	inch	6"	8"
	X axis positioning accuracy	mm	0.005	0.005
	Z axis positioning accuracy	mm	0.005	0.005
	X axis repeat positioning accuracy	mm	0.002	0.002
	Z axis repeat of positioning accuracy	mm	0.002	0.002
	X/Z axis fast-moving speed	m/min	24/26	24/26
Turret	X/Z axis motor power	kw	1.7	2.4
	Specification		12 Station	12 Station
	Tool changing speed	s	0.2	0.2
	Turret motor power	kw	1.0	1.0
Cooling Lubricant System	Turret drive power	kw	1.0	1.0
	Cooling pump motor power	kw	0.75	0.75
Others	Tank capacity	L	70L	70L
	Dimension (L*W*H)	mm	2230*1950*2150	2230*1950*2150
	Total Power	kva	13	16
	Weight	kg	2800	2900