

RKS-20H/30H/36H/46H/52H Cutter Lathe



MACHINE FEATURES

- ◆ One piece cast mold, large shocking proof damping and less deformation;
- ◆ 30/45 degree slant bed design, easy to get on and off workpieces, convenient to remove chip, assured of processing accuracy and smoothness;
- ◆ Long stroke, achieving multi-functional processing such as turning, boring, drilling, tapping etc.;
- ◆ Bigger space for knives, larger rotary processing diameters to realize continuous automatic processing of most entire bars;
- ◆ Simple operation interface and programming system, easy to operate, and production efficiency highly improved;

APPLICATION

The machine is suitable for processing batch continuous parts within a diameter of 20/30/46/52mm, as well as processing clamping large-diameter single-piece, with high-precision, high-efficiency, and multi-functional requirements, and widely used in new energy vehicles, motorcycles and other industries.

STANDARD ACCESSORIES

1 pc user manual, 8 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 optional



MACHINE PARAMETERS

Item	Unit	RKS-20H	RKS-30H	RKS-36H	RKS-46H	RKS-52H	
Processing Capacity	Max rotation diameter of bed	mm	Φ240	Φ100	Φ360	Φ480	Φ480
	Max rotation diameter of bed of slide	mm	Φ110	Φ110	Φ100	Φ140	Φ140
	Max cutting length	mm	100	100	200	400	400
	X axis travel	mm	520	500	720/800	900	900
	Z axis travel	mm	220	180	250	450	450
Spindle	Spindle nose		Spring collet	Spring collet	A2-4	A2-5	A2-6
	Spindle through-hole diameter	mm	Φ24	Φ35	Φ45	Φ56	Φ66
	Max bar diameter	mm	Φ20	Φ25	Φ35	Φ45	Φ52
	Max rotation speed	r/min	6000	6000	6000	6000	4500
	Spindle motor power	kw	3.7/5.5	3.7/5.5	5.5	7.5	7.5/11
	Spindle drive power	kw	3.7/5.5	3.7/5.5	5.5	7.5	7.5/11
	Chuck diameter/size	inch	N/A	N/A	5"	6"	6"
Feed Axis	X/Z axis repeat positioning accuracy	mm	0.003/0.003	0.003/0.003	0.002/0.002	0.002/0.002	0.002/0.002
	X/Z axis positioning accuracy	mm	0.005/0.005	0.005/0.005	0.003/0.003	0.003/0.003	0.003/0.003
	X/Z axis fast-moving speed	m/min	20	20	24	24	24
	X/Z axis motor power	kw	1.0	1.0	1.1	1.7	2.4
	X/Z axis motor power	kw	1.0	1.0	1.1	1.7	2.4
Cooling Lubricant System	Cooling pump motor power	kw	0.13	0.13	0.4/0.75	0.4/0.75	0.4/0.75
	Tank capacity	L	70L	70L	70L	70L	70L
Others	Dimension (L*W*H)	mm	1200*900*1500	1300*1000*1500	1920*1512*1660	2230*1700*1825	2230*1700*1825
	Total Power	kva	6	6	9	11	15
	Weight	kg	1100	1100	2600	2900	3000