

# RKS-36C/46C/52C

## Cutter Lathe With Power Head



### 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;
- ◆ Power head, achieving multi-functional processing such as turning, boring, drilling, tapping, end face off-hole drilling, side milling, drilling, 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 36/46/52mm, 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, power head optional



### MACHINE PARAMETERS

Item	Unit	RKS-36C	RKS-46C	RKS-52C	
Processing Capacity	Max rotation diameter of bed	mm	Φ360	Φ480	Φ480
	Max turning diameter of slide	mm	Φ100	Φ140	Φ140
	Max cutting length	mm	200	400	400
	X axis travel	mm	720/80	900	900
	Z axis travel	mm	250	450	450
Spindle	Spindle nose		A2-4	A2-5	A2-6
	Spindle through-hole diameter	mm	Φ45	Φ56	Φ66
	Max bar diameter	mm	Φ35	Φ45	Φ52
	Max rotation speed	r/min	6000	6000	4500
	Spindle motor power	kw	5.5	7.5	7.5/11
	Spindle drive power	kw	5.5	7.5	7.5/11
	Chuck diameter/size	inch	5 "	6"	6 "
Feed Axis	X/Z axis repeat positioning accuracy	mm	0.002/0.002	0.002/0.002	0.002/0.002
	X/Z axis positioning accuracy	mm	0.003/0.003	0.003/0.003	0.003/0.003
	X/Z axis fast-moving speed	m/min	24/24	24/24	24/24
	X/Z axis motor power	kw	1.1/1.7	1.7/2.4	2.4
Power Head	Max. processing length of power head	mm	200	400	400
	Max. speed of power head	r/min	4000	4000/5000	4000/5000
	Power head motor power	kw	1.1/1.7	1.7/2.3	1.7/2.3
	Power head drive power	kw	1.1/1.7	1.7/2.3	1.7/2.3
Cooling Lubricant System	Cooling pump motor power	kw	0.4/0.75	0.4/0.75	0.4/0.75
	Tank capacity	L	70L	70L	70L
Others	Dimension (L*W*H)	mm	1920*1512*1660	2230*1700*1825	2230*1700*1825
	Total Power	kva	10	12	17
	Weight	kg	2600	2950	3050