

RKS-46DY/52DY

Turning-Milling Compound Machine With Power Turret



MACHINE FEATURES

- ◆ One piece cast mold, large shocking proof damping and less deformation;
- ◆ 35 degree slant bed design, easy to get on and off workpieces, convenient to remove chip, assured of processing accuracy and smoothness;
- ◆ 12/15 station servo turret, higher rigidity to process heavy parts in one time by turned, milled, drilled and tapped in one clamping on end and side surface;
- ◆ More position 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 46/52mm, which requires turning and milling integrated, 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, drones, optical instruments, medical equipment, oil pipelines, hydraulic and pneumatic engineering and other industries.

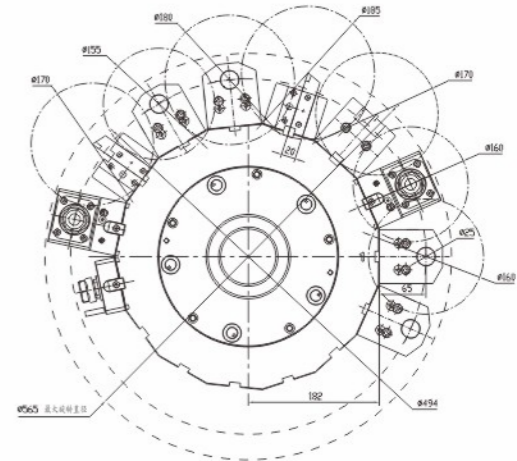


STANDARD ACCESSORIES

1 pc user manual, 4 pcs power turret tool holders, 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 turret optional



MACHINE PARAMETERS

Item		Unit	RKS-46DY	RKS-52DY
Processing Capacity	Max rotation diameter	mm	Φ420	Φ420
	Max turning diameter	mm	Φ100	Φ100
	Max cutting length	mm	230	230
	X axis travel	mm	220	220
	Y axis travel	mm	70	70
	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
	Y 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
	Y axis repeat positioning accuracy	mm	0.002	0.002
	Z axis repeat positioning accuracy	mm	0.002	0.002
	X/Y/Z axis fast-moving speed	m/min	24	24
Power Head	X/Y/Z axis motor power	kw	1.7	2.4
	Number of forward milling axes	pcs	2	2
	Number of side milling axes	pcs	2	2
	Max. processing length of power head	mm	230	230
	Max. speed of power head	r/min	5000	5000
	Power head motor power	kw	2.3	2.3
Power Turret	Power head drive power	kw	2.3	2.3
	Specification		15 station	15 station
Cooling Lubricant System	Tool changing speed	s	0.1	0.1
	Turret motor power	kw	1.0	1.0
	Turret drive power	kw	1.0	1.0
Others	Cooling pump motor power	kw	0.75	0.75
	Tank capacity	L	100L	100L
Others	Dimension (L*W*H)	mm	2200*1400*1830	2200*1400*1830
	Total Power	kva	17	19
	Weight	kg	3200	3300