

## SKH-A2030 deep hole honing machine tool

### 1. Main technical specifications of machine tool

Honing diameter range ..... $\phi$  40-  $\phi$  300mm  
 Maximum honing depth.....2000mm  
 Diameter range of clamping workpiece ..... $\phi$  60-  $\phi$  450mm  
  
 Motor power of rod grinding box.....7.5kW (variable frequency motor)  
 Spindle speed range of rod grinding box ..... 5-250r / min stepless  
 Reciprocating motor power..... 5kW (servo motor)  
 Servo expansion motor..... 1.5kW (for hydraulic station)  
 Reciprocating speed range.....1-30m / min (servo motor)  
 Cooling pump flow rate..... 45L / min  
 Cooling tank volume..... 200L  
 Cooling pump motor power.....450w  
 Surface roughness .....Ra0.2 $\mu$ m $\sim$ Ra0.4 $\mu$ m

### 2. List of machine tool parts

No.	name	unite	qty	note
1	Bed	set	1	
2	Grinding rod box	set	1	
3	Grinding rod support	set	1	
4	Carriage feeding system	set	1	
5	Cooling filtration system	set	1	
6	Workpiece clamping device	set	2	
7	Protective chip removal system	set	1	
8	electric control system	set	1	
9	Electric box	set	1	
10	Accessories and wrenches	set	1	

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3. Honing rod and accessories (need special order)

1	product name	model	Machining range (mm)	quantity	note
2	Honing bar	MGA2032	Φ40-59-L2000	1	
3		MGA2050	Φ60-180-L2000	1	
4		MGA2080	Φ180-300-L2000	1	
5	Honing head	MTA0040-44	40-44	1	
6		MTA0045-49	45-49	1	
7		MTA0050-54	50-54	1	
8		MTA0055-59	55-59	1	
9		MTA0060-69	60-69	1	
10		MTA0070-80	70-80	1	
11		MTA0085-105	85-105	1	
12		MTA0120-140	120-140	1	
13		MTA0140-160	140-160	1	
14		MTA0160-180	160-180	1	
15		MTA0200-250	200-250	1	
16	MTA0250-300	250-300	1		