

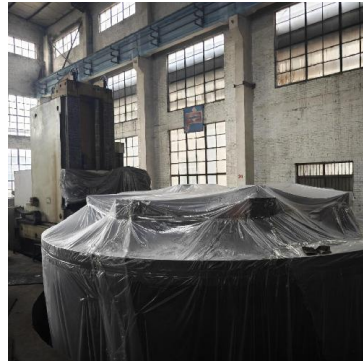
Machine Name : CNC gear hobbing machine

Brand : YINGKOU

Machine Model : YK311000-6

Stock No. : 88777

Ex-factory Date : Lost Ex-factory date



Main Technical Parameters:

CNC CNC System: Siemens 840d

The diameter of the external teeth of the machining workpiece: 3000-10000mm

The maximum module for machining workpiece: 42mm

The maximum travel length of the slide plate: 2000mm

Maximum machining helix Angle: $\pm 45^\circ$

The maximum diameter of the installable hob is 550mm

The maximum length of the installable hob is 550mm

The maximum travel of the hob: 490mm

The taper of the hob spindle: 100mm

The horizontal distance from the center of the hob to the center of worktable: 1600-5900mm

The vertical distance from the center of the gear Tool to worktable surface: 645-2645mm

tool holder speed (A-axis) : 0-2.4d/s

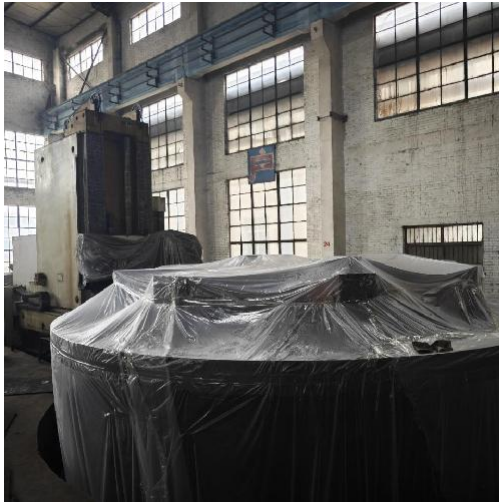
spindle speed of the gear Tool (B-axis) : 10-100 RPM

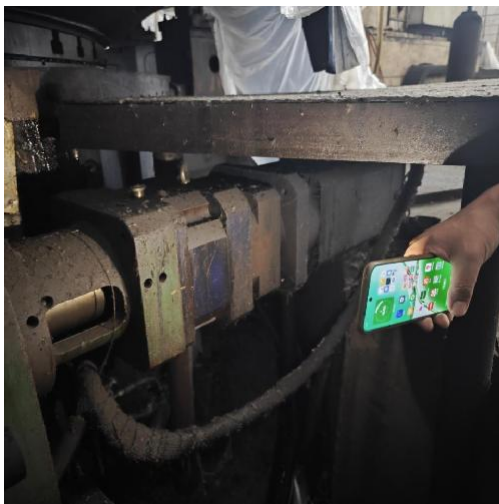
The maximum rotational speed of worktable (C-axis) : 0.2rpm

3 axes rapid shift: 2000*2000*1000mm/min

Worktable load: 100,000 kg

The external Footage of machine tool (length/width/height) : 18415*1100*5300mm





主要技术参数	单位	YK311000 六轴数控滚齿机	备注
最大加工工件外径直径	mm	φ10000	
最小加工工件外径直径	mm	约φ3000	
加工工件最大吨数	mm	42	
滑板最大行程长度	mm	2000	
最大加工螺旋角	deg	±45°	
可装夹滚刀最大直径	mm	φ550	
可装夹滚刀最大长度	mm	550	
滚刀最大滚刀行程	mm	400	
滚刀主轴锥孔	mm	100 (1:10)	
滚刀中心到工作台面水平距离	mm	1600~5900	
滚刀中心到工作台面垂直距离	mm	645~2645	
工作台面直径(孔径)	mm	φ4950(φ800)	
附加工作台面直径(孔径)	mm	φ8500(φ2360) φ6500(φ2300)	
刀架回转速度(A轴)	deg/s	0~2.4	
滚刀主轴转速(B轴)	r/min	10~100	
工作台面高转速(C轴)	r/min	0.2	
塔内进给速度(X轴)	mm/min	0~3200	
纵向进给速度(Y轴)	mm/min	0~2000	
纵向进给速度(Z轴)	mm/min	0~1000	
主电机功率	kW	105	
工作台承重	kg	100000	
机床总功率	kW	280	