

4 数控刮齿机

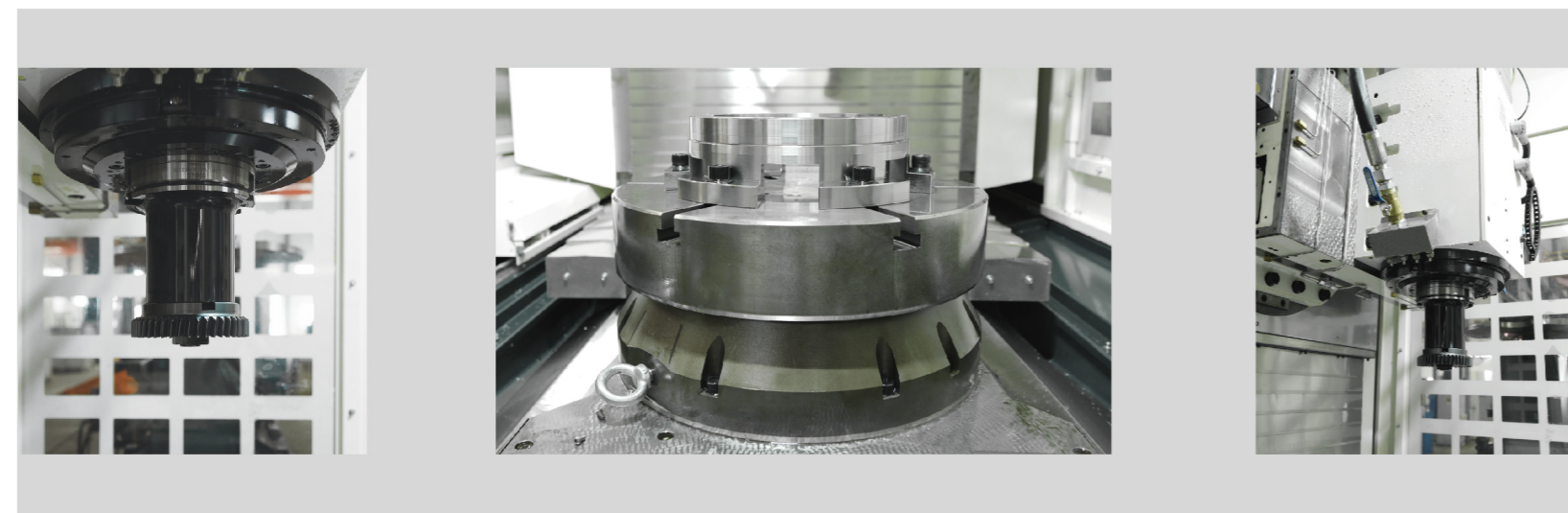
CNC GEAR SKIVING MACHINE

高精高效高柔性的加工优势 由我们来呈现

用于直齿、斜齿、鼓形齿、锥度齿、多联齿等加工,可实现齿形齿向修形、无退刀槽加工、圆柱刀具加工、硬齿面加工、自动对齿和对刀、温度自动补偿等功能,是汽车行业、减速机行业、工程机械行业的首选。

The advantages of high-precision and efficient machining will be presented by us

The machine is used for a variety of internal and external cylindrical gears, the advantage is obvious:it is more flexible than broaching, the cutter return distance is smaller than hobs,and the processing efficiency is higher. It becomes the first choice for the automobile, reducer and engineering machinery industry industries.



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数控刮齿机

CNC GEAR SKIVING MACHINE

机床特点

- 1、高精度:工作台和刀具主轴采用直驱技术,回转精度高,加工精度可达GB5级,表面粗糙度可达Ra1.6。
- 2、高效率:约比插齿快3~5倍,大批量加工更有经济性。
- 3、高柔性:可加工任意螺旋角齿轮,对齿形、齿向进行修形。
- 4、高刚性:径向进给轴和切向进给轴采用镶钢导轨和滚动体消除技术,消除机床加工时的间隙。
- 5、高可靠性:具备刀具自动保护功能,避免刀具意外损坏。

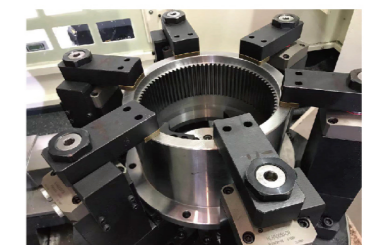
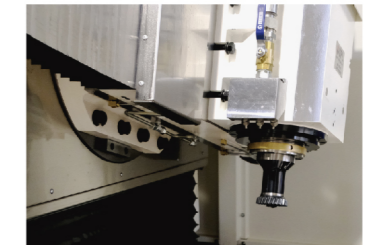
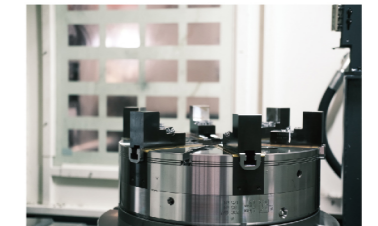
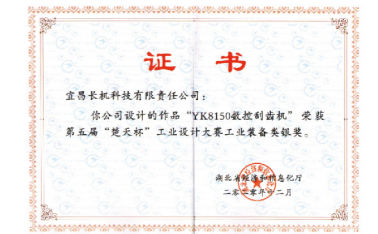
MACHINE TOOL FEATURES

- 1.High precision: Table and spindle are driven directly with high rotation accuracy,the machining accuracy can reach GB5,and the surface roughness can reach RA1.6.
2. High efficiency, faster 3 ~ 5 times than Shaping, and more economical for the mass machining.
3. High flexibility.Any helical angle gear can be machined, teeth profile & lead can be corrected.
4. High rigidity, Radial feed shaft adopts steel-inlaid guideway and rolling body clearance technologies to eliminate the clearance in machine machining.
5. High reliability, Automatic cutter protection function to avoid cutter damage.



技术参数 THE MAIN PARAMETERS

名称 Description		型号 Type			
		YK8115	YK8132	YK8150	YK8165
最大加工直径 Max. workpiece diameter	mm	150	320/320	600/600	600/600
最大加工模数 Max. module	mm	2	4	8	8
刀架主轴端面到工作台面距离 Surface distance spindle/worktable	mm	180~430	200~850	180~830	180~830
刀柄接口 The handle interface	mm	HSK-C100	HSK-C100	HSK-B160	HSK-B160
工作台面直径 Diameter of worktable	mm	220	400	600	650
工作台最高转速 Max.speed of the worktable	r/min	3000	2000	1000	500
工作台电机功率 Worktable power	kW	31	29.3	58	52
主轴最高转速 Max.speed of the spindle	r/min	3000	3000	2200	1600
主轴电机功率 Spindlepower	kW	29.3	29.3	58	58
刀架旋转角度 Rotation angle of head	°	±25	±25	±25	±25
X轴最大行程 Max. stroke of X-axis	mm	190	350	500	500
Y轴最大行程 Max. stroke of Y-axis	mm	200	400	400	450
Z轴最大行程 Max. stroke of Z-axis	mm	约250	约650	约650	约650
机床总重量 Total weight	t	约8	约16	约16	约16
主机外形尺寸(长×宽×高) Main Machine Dimension	m	2.75x2x2.89	3.43x3x3.36	3.75x2.1x3.26	2.7x1.8x3.3



- 注:
1. 重量仅供搬运起重参考,具体以实物为准;
 2. 外观防护分半防护、全防护,用户可根据实际需要进行选择;
 3. 公司持续创新机床设计,本手册中各系列产品参数将持续优化。

Note:

1. The weight is for reference only, and the actual product shall prevail;
2. The appearance protection of this machine tool has two options: semi-protection and full protection, which can be selected according to actual needs;
3. We continue to innovate machine tool design. The parameters of each series of products in this manual are for reference only. If you have any inquiry, please contact us for the update.