



GMD/h 16020

龙门移动式数控三维钻床 CNC Gantry Moveable 3D Drilling Machine

[设备描述]

■ 本机床主要用于对大型H型钢及箱型梁三个面上钻孔，代替人工划线钻孔及钻模钻孔，大大提高了制件精度和劳动生产率，降低了劳动强度，缩短了生产准备周期。

[Machine Description]

■ The machine is mainly used for drilling holes at three sides of big H beams and box beams, replaced the manual lineation drilling and jig drilling, improved the process accuracy and production efficiency greatly, reduce the labor intensity, shorten the production prepare time.

技术参数 Technical Parameter

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工件尺寸 Work piece size	长度	Length	2000~16000mm
	宽度	Width	1250~2000mm
	高度	Height	600~1000mm
滑台式钻削动力头 Sliding board type drilling head	数量	Qty.	3
	主轴型号	Spindle model	BT50
	最大钻孔直径	Max. drilling diameter	Ø40mm
	主轴转速	Spindle RPM	0~2800r/min
	主轴电机功率	Spindle motor power	about 3×15kW
	进给伺服电机功率	Infeeding servo motor power	about 3×3kW
龙门纵向移动(X轴) Gantry longitudinal moving(X axis)	有效行程	Stroke	16000mm
	移动速度	Moving speed	0-10m/min
	伺服电机功率	Servo motor power	about 2×3kW
上动力头横向移动(Y轴) Gantry upper sliding table transverse moving(Y axis)	有效行程	Stroke	2000mm
	移动速度	Moving speed	0-10m/min
	伺服电机功率	Servo motor power	about 2kW
侧动力头上下移动(W、R轴) Side drilling head up-down moving(W、R axis)	有效行程	Stroke	1000mm
	移动速度	Moving speed	0-10m/min
	伺服电机功率	Servo motor power	about 2×2kW
排屑器 Chip remover	排屑器型式	Type	平板链式 Flat chain
	排屑速度	Speed	1m/min
	排屑器电机功率	Motor power	about 2×0.75kW
电气系统 Electric system	控制系统	Control system	PLC+上位机 PLC + upper computer
	数控轴数	CNC Axis number	8
	机床电机总功率	System total power	约73kW
机床外形尺寸	长×宽×高	Machine overall size	about 21000×6544×4100mm
机床重量		Weight	about 60t