

Machine Name : gear shaping machine

Brand : CIMT

Machine Model : YK51160

Stock No. : 65629

Ex-factory Date : To be supplemented



Main Technical Parameters:

Maximum machining workpiece external diameter: 1600mm

Maximum machining workpiece Internal diameter: 2100mm

Maximum machining workpiece module: 16mm

Maximum machining workpiece tooth width: 330mm

The maximum travel length of the gear shaping Tool is 350mm

The reciprocating travel number of spindle of the gear shaping Tool: 15 to 150 RPM

Circular feed rate: 3.9-21.45mm/min

gear shaping Tool travel position adjustment amount: 50mm

The diameter of the end face of workWorktable spindle: 1400mm

The diameter of spindle through hole of workWorktable is 320mm

The total power of machine tool is 35kw

The total weight of machine tool is 40,000 kg

Overall Footage: 4440x2260x4000mm





1600 毫米系列普通机床主要技术参数表 表 3-1

最大加工工件外径 (mm)	1600
最大加工工件内径 (mm)	2130
最大加工工件长度 (mm)	16
最大加工工件重量 (mm)	330
插齿刀最大行程高度 (mm)	350
剃齿刀齿顶圆直径 (mm)	15~150
进给速度 (mm/min)	3.9~21.45 mm/min
纵向进给量 (mm/每齿)	0.005~0.5
工作台快速移动速度 (mm/s)	444
工作台快速进给 (mm/s)	0.18
插齿刀行程位置调整量 (mm)	50
工作台总行程高度 (mm)	1400
工作台总行程长度 (mm)	320
工作台中心到刀具主轴中心距离 (mm)	950~0 不等加工工件时
	850~320 精加工工件时
工作台面到刀具主轴距离 (mm)	750~350 不等加工工件时
	650~250 精加工工件时
机床总功率	35kW
机床总重量	40000kg
主机外形尺寸 (长X宽X高) (mm)	4440X2260X4000mm