

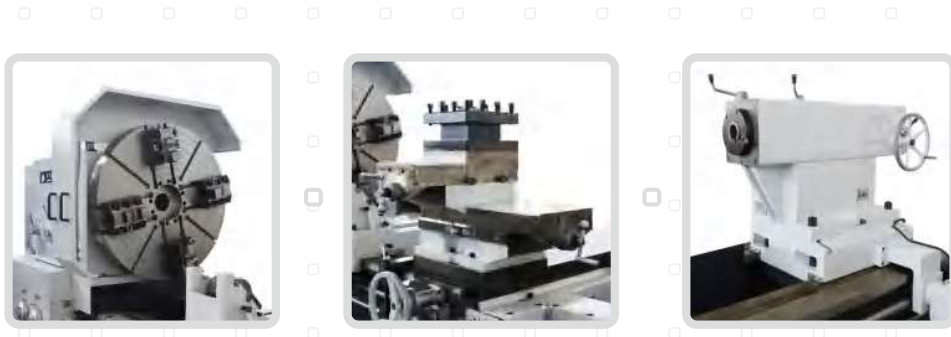
C61160/6000

C61125/61160/61180/61200重型机床, 最大承重16吨, 采用矩形导轨, 稳定性好, 刚性好, 床身导轨面进行中频淬火磨削加工, 主轴采用精密滚动轴承组合, 三支撑结构。床鞍导轨粘聚四氟乙烯软带, 尾座芯轴为可转结构, 减少了顶尖的磨损及发热。

本机床主要用来承担各种车削工作, 它能够车削各种零件的断端面、外圆、内孔及公制、英制、模数、径节螺纹。可用上刀架单独机动车削短的锥度, 还可用上大刀架与纵向进给配和机动车削长锥度。此外还可以承担钻孔、套料、镗孔等工艺。本机床功率大, 刚性强, 可以利用硬质合金刀具进行螺纹切削, 来加工各种黑色和有色金属。

This series heavy duty lathes adopt 1,100mm wide rectangular induction hardened and ground bed guide-ways, so of excellent stability, high rigidity, and with maximum bearing of 12 tons between centers. The main spindle is of precision roller bearings' 3-point supporting structure. Saddle guide-ways with Teflon belt coated. Rotating tailstock quill structure to minimize friction and heat generation.

These machines are suitable for various turning works, such as turning of external and internal cylindrical surfaces, end faces, and turning of metric or inch threads, modular threads and diametrical pitch threads, etc. Motorized short taper turning could be done by the top slide independently, and long taper's motorized turning could be done by top slide combined with longitudinal feed. Further more, these machines can also carry out drilling, trepanning and boring processes, etc.



技术参数

C61125/160/180/200重型普车系列

项目 Item	单位 Unit	C61125	C61160	C61180	C61200				
加工范围 Capacities	床身上最大回转直径 Swing over bed	mm	1250	1600	1800	2000			
	过滑板回转直径 Swing over carriage	mm	900	1250	1450	1650			
	最大工件长度 Max.length of workpiece	mm	3000	4000	5000	6000	8000	10000	12000
	最大切削长度 Max.turning length	mm	2800	3800	4800	5800	7800	9800	11800
主轴 Spindle	床身导轨宽度 Pan of guideway	mm	1100						
	主轴端部代号 Spindle nose	mm	A2-15						
	主轴通孔直径 Spindle bore	mm	100						
	主轴前端锥孔 Taper hole of spindle		公制140						
	主轴转速范围 Range of spindle speeds	r/min	正转: 3.15~315; 反转: 3.5~291						
进给 Feed motion	主轴转速种数 No.of spindle speeds		正转: 21种; 反转: 12种						
	纵横进给量种数 No.of Longitudinal and cross		56/56						
	进给量范围 Feed per revolution	mm	纵向: 0.1~12; 横向: 0.05~6; 上刀架: 0.025~3						
	公制螺纹种数范围 No. and range of metric thread	mm	44; 1~120						
	英制螺纹种数范围 No. and range of inch thread	mm	31; 28~1/4						
	模数螺纹种数范围 No. and range of module thread	mm	45; 0.5~60						
刀架和尾座 Tool post&tailstock	径节螺纹种数范围 No. and range of dia. thread	mm	38; 1/2~56DP						
	主轴中心至刀具基面垂直距离 Distance of centerline and tool resting plane	mm	53						
	刀架回转角度 Tool post swing range	°	±90°						
	下刀架最大横向行程 Max.travel of cross slide	mm	740	850	900	900			
	上刀架最大行程 Max.travel of top slide	mm	360						
	刀杆截面 Section of tool shank	mm	50 (刀架尺寸320x320)						
	刻度盘一格刀架行程 Travel of tool post (per turn of dials)	mm	0.05(0.002")						
	尾座套筒直径/行程 Dia./Travel of tailstock	mm	260/300(12")						
	尾座套筒锥孔 Taper hole of tailstock quill	mm	公制80						
	其他 Others	主电机功率 Main motor power	kw	30					
机床长度 Length		mm	6120	7120	8120	9120	11120	13120	15120
机床宽度/高度 Width/Height		mm	2058	2130	2330	2330/2200	2380	2480	2580
承载工件最大重量 Max.weight of workpiece		t	16						

标准配置:

- 1、重型四爪卡盘;
- 2、中心架;
- 3、公制80#/75°顶尖;
- 4、照明及冷却装置;
- 5、地脚螺栓及刀架工具。

STB equipment:

1. Heavy-duty four-jaw chuck;
2. Steady rest;
3. 80#/75° center;
4. Lighting and cooling device;
5. Anchor bolts and tools.

特殊配置:

- 1、特殊尺寸卡盘;
- 2、特殊尺寸中心架;
- 3、加装托架;
- 4、选配顶尖和顶尖套。

Special configuration:

1. Special size chuck;
2. Special size steady rest;
3. Roller support;
4. Special center and center sleeve.