



数控不落轮对车床

Underfloor Lathe For Wheelset Maintenance

数控不落轮对车床是当代专门用于加工、修整各种车辆不解体轮对的最佳手段。机床的集成化设计，使其可以全部安装在有限的区域内；机床所具有的高自动化和高生产效率使其在铁路车辆段得到越来越广泛的应用。

基本配置：

- 德国SIEMENS 840DSL数控系统
- 活动轨路
- 吸尘系统
- 操作平台、辅助操作平台
- 操作者防护
- 碎屑及排屑系统

选项：

- 内置轴承箱
- 内、外置轴承箱
- 双轴机床
- 双重轨距机床

These lathes are the up to date answer to the maintenance needs of the modern rolling stock. The compact design allows complete installation into limited areas. Thanks to the high automation and productivity of these machines, their use inside railway depots is constantly increasing.

Basic configuration:

- SIEMENS 840DSL CNC system
- Moveable rail
- Dust suction unit
- Operator platform, Two auxiliary platform
- Operator protection
- Crush and chip conveyor system

Other options:

- internal bearing box
- internal and external bearing box
- tandem lathe
- lathe with double track gauge

技术参数

Technical parameters

项目 ITEM	单位 UNIT	UGL-15D	UGL-30D
轨距 Track gauge	mm	1435	1435
轮对直径 Min. /Max. wheelset diameter	mm	Φ380-1100	Φ400-1400
最大轴负重 Max. wheelset load	tons	18	40
主轴电机总功率 Total power on friction rollers	Kw	4×15	4×15
最大切削量 Max. stock removal	mm ²	8	10
机床总重量 Machine weight	tons	20	25



数控门式车轮车床

Portal Lathes For Wheelset Maintenance

数控门式车轮车床针对铁路机车、车辆拆卸下的轮对和制动盘的快速加工和修整。门式结构可使轮对从机床的两侧装卸，形成流水作业。

主要技术特点：摩擦轮驱动、自动装卸系统、轮对型面的自动测量系统、确定最佳切削量的软件、用于轮对耦合减速器的提升装置、降底噪音的整体防护。

Portal lathe is suitable for high production maintenance requirements of disassembled wheelset. The portal structure permits wheelset loading and unloading from two sides of the machine, allowing a perfect wheelset flow process.

Technical features: driving through friction rollers; automatic loading and unloading systems; automatic measuring system of wheelset profile; software to optimize cutting removal; lifting device for reducer coupled with the wheelset; complete enclosure of the machine for noise reduction.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	
轨距 Track gauge	mm	900-1676
加工车轮直径范围 Min. / max. Wheel diameter	mm	Φ650-1050
车轮宽度 Wheel width	mm	80-150
加工制动盘数量 Number of disc brake		2/3/4
加工制动盘直径范围 Min. / max. Disc. brake diameter	mm	330-650
滚轮主轴的电机总功率 Total motor power of roller spindle	Kw	4×18.5
最大切削量 Max. stock removal	mm ²	18
机床重量 Machine weight	tons	60