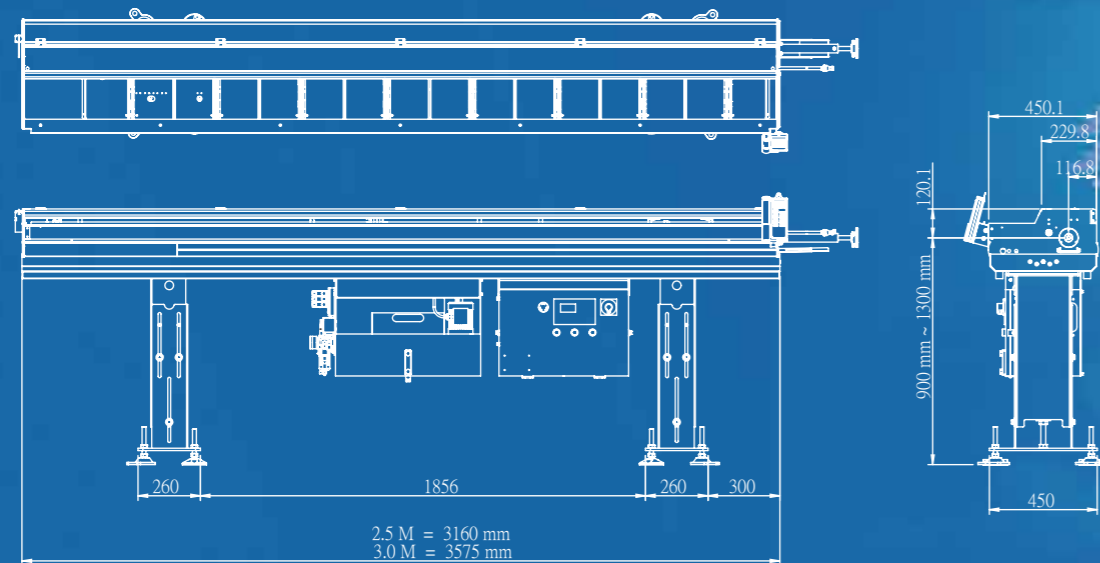


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MINI 系列

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TAIWAN BARLOAD MACHINE CO., LTD.



(示意图)

LED远程监控系统：(专利)

LED灯光视觉功能（使用者可远距离监控厂区内机台运行情况）：加工中棒材的长度、材料替换显示、送料机异常警示、车床异常警示等相关讯息，皆可由LED灯光闪烁变化来轻松辨识，方便厂区机台运行管理。

LED Remote monitoring system:(patents)

LED lighting visual function (user can monitor the operation of the machine in the factory): The length of the bar in the processing, the material replacement display, the abnormal warning of the barfeeder, the abnormal warning of the lathe, and other related information can be easily identified by the flashing LED light, which is convenient for the operation and management of the machine in the factory.

MINI - 4S 极细棒材送料机：

MINI- 4S是专用于极细棒材所设计的机型，针对直径 1mm 左右极细棒材的送料，在原有MINI机构上进行优化改良设计，使其更适合运用于高速、高精度的细小部件加工，有效的确保极细小材料在送料加工过程中，更稳定顺畅。（本机型的车床附件及相关软件编程的保护设计等，是针对极细小材料的送料特性所优化改良设计，与原有MINI- 7型 / 12型机款有所差异）。

MINI-4S barfeeder:

MINI-4S is specially designed for smallest capacity like 1mm in OD, optimizing and improving from the original MINI machine structure, making it more suitable for high-speed, high-precision machining of small parts, effectively ensure the processing of very small materials more stable and smooth. (This machine's lathe attachment and related software programming protection design is optimized for the feeding characteristics of very small materials, and is different from the original MINI-7/12 models).

选购品：

- MINI - 4S：专属极细棒料送料辅助零配件
- MINI - 4S：专属柔性送料保护软件编程
- MINI - 4S：车床附件（与MINI- 7型 / 12型不通用）
- 车床加工转速要求 8000rpm 以上需另选购高转速用中轴料夹
- MINI - 12型：车床侧主轴防震机构

Optional accessories:

- MINI-4S: Exclusive feeding auxiliary spare parts for small bars
- MINI-4S: Exclusive flexible feeding protection software programming
- MINI-4S: lathe attachment(not universal with MINI-7/12model)
- Lathe's RPM running higher than 8000 needs optional high-speed finger joints.
- MINI-12 model: spindle anti-vibration device.



平行齿排置料机构：

专为细小棒材的排置料及下料需求设计，置料多、体积小，在补给材料过程中确保不挤压叠料，亦不需调整，并具备定时运行排料功能，排放材料更简便、确实。

A parallel gear-drive loading device:

Designed for loading placement of small bars, it ensures that the stacking material is not squeezed during the replenishment process, and no need to be adjusted. It also has intelligent timing running function, and the discharge material is simpler and more reliable.

密闭式料管：

本机构利用伺服马达步序定位侦测功能，依据推杆运行位置的时序，准确的将料盖分阶段开启，以确保推杆能顺畅运行通过，材料加工时料管与料盖间完全密合，确保细小材料不会由料管缝隙跑出，造成材料折损故障停机。（MINI系列产品均采用密闭式料管设计）

A full-shut-guide-channel set:

The machine structure utilizes the servo motor's detection function of positioning, accurately open the cover in stage according to the timing of the pusher in running position, so as to ensure that the pusher can run through smoothly. The guide channel sets and the cover close tightly during the period of the processing, ensuring the small material running in place with no technical drawbacks. (MINI series products are designed with a particular guide channel sets.)

产品应用：

BARLOAD全系列送料机采用智能PLC控制器 + LED远程监控系统，高效能的通讯接口软件编程设计，可搭配任何品牌的数控车床，质量稳定、性价比高。

Production Applications:

The BARLOAD full range of barfeeders adopts the PLC controller + LED remote monitoring system, high-performance communication interface software programming design, can be compatible with any brand of CNC lathes, which is stable quality and cost-effective.



规格表 Specifications			
系列	SERIES	MINI (油膜缩短型)	
机型	MODEL	4S	7 12
送料向别	FEEDING DIRECTION	右向 RIGHT / 左向 LEFT	
规格	SPECIFICATIONS	2.5 M / 3.0 M	
棒材直径	BAR DIAMETER	0.8 - 4mm	2 - 7 mm 2 - 12 mm
		部分棒材规格需进行前后端面修倒角以达到最佳效果	
棒材容量	BAR CAPACITY	35pcs	1 - 7mm/35pcs ; 7.1 - 12mm/18pcs
棒材长度	BAR LENGTH	1000 - 2600mm	2600mm / 3100mm
机械总重	MACHINE WEIGHT	2.5M : 380KG / 3.0M : 410KG	
空气系统	AIR PRESSURE	6 kgf / cm ² ; 70psl	
传动系统	TRANSMISSION	SERVO MOTOR 伺服马达	
油箱容量	OIL TANK CAPACITY	26 L	
消耗功率	POWER CONSUMPTION	685 W	
电源供应	POWER SUPPLY	3P 220V 50 / 60HZ	

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