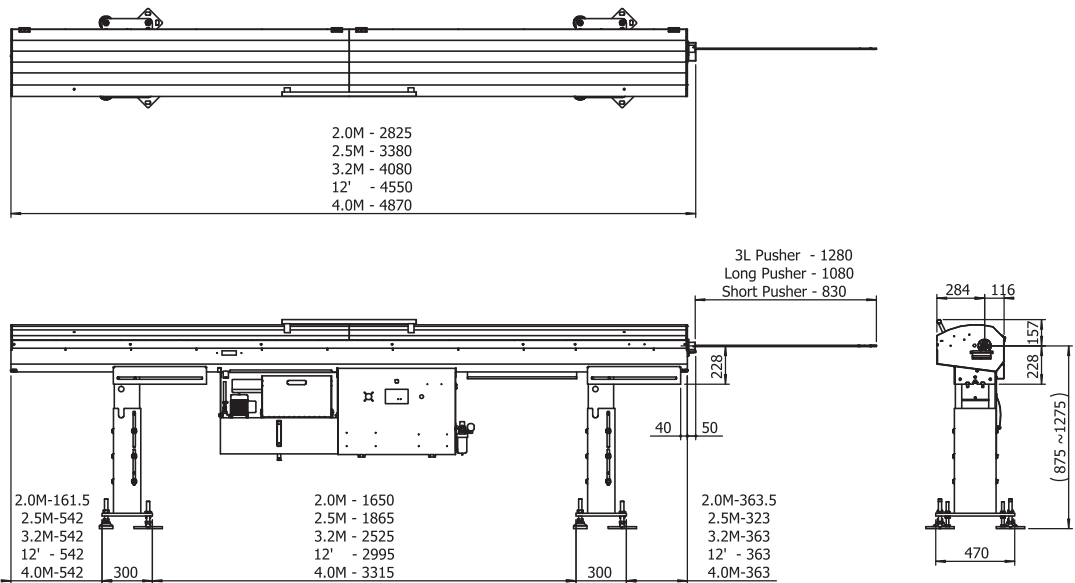


TECHNICAL SPECIFICATIONS 技術規格

GT 112						
Diameter 直徑	mm	(Ø 0.7) Ø 1 – Ø 12 (The specification may vary depending on application 視應用條件不同，此規格可能有所變更) (Bar end preparation will be required for some maximum diameters 部份規格須進行端面修料以達最大棒材直徑)				
Model 機型	M	2.0	2.5	3.2	12'	4.0
Magazine Capacity 棒材容量		30 pcs / 20 pcs / 14 pcs*				
Overall Length 機台長度	mm	2825	3380	4080	4550	4870
Overall Width 機台寬度	mm	432				
Max. Bar Length 最長棒材長度	mm	2060	2560	3260	3736	4056
Weight 重量	kg	333	375	414	433	455
Air Pressure 空壓	kg/cm ²	5 ~ 7				
Power Supply 電源供應		220V 3p (Varying power supply is available depending on applications 視應用條件，可選配不同電源供應)				
Spindle Height 主軸高度	mm	875 ~ 1275				
Headstock Type 車床型式		Fixed / Sliding 走刀 / 走心式				
Options 選配						
Telescopic Tube 伸縮套管 、 Synchronization Device 同步裝置 、 Z-axis Retraction System Z軸移動裝置						

* The magazine capacity is determined by bar diameter and program setting, please consult with LNS technical personnel.
可用棒材容量與棒材直徑、出機設定有關，請向LNS技術人員諮詢。

FLOOR PLAN 外部尺寸 (mm)



This product is completed operation and product liability insured.
本產品已投保瑞士法郎100萬（約新台幣3200萬）產品責任險，請安心使用。

Design and specifications are subject to change without prior notice.
本公司不斷研究創新，設計規格如變更恕不另行通知。



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Subject to modifications GT 112 / TCN&EN / 06-20



GT 112

AUTOMATIC BAR FEEDING SYSTEM FOR
FIXED AND SLIDING HEADSTOCK LATHES

Diameter Range 棒材適用直徑：(Ø 0.7) Ø 1 – Ø 12 mm



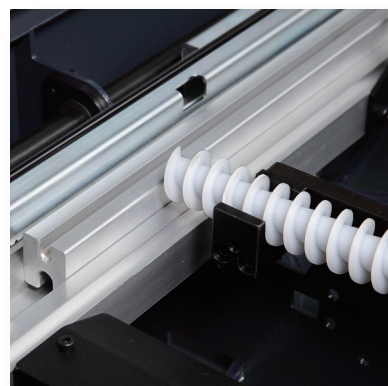
YOUR ONE-STOP-SHOP
FOR MACHINE-TOOL PERIPHERALS

Screw Loading System

Easy loading with additional storage platform for bar materials. The maximum bar capacity of the loading screw can be reach to 30 bar stocks. The replaceable screws with special pitches are served as an option to cater for particular applications.

螺桿式下料系統

置料平台設計方便使用者下料，標準的下料螺桿置料數最多可容納30支棒材，機構為可換式設計，當有特殊加工應用需求時，可加購並更換其他螺距規格之螺桿。



Dual Size Channel

Dual U shaped guiding channel meets the production runs or the diameter range of the machine tool. A choice of four specifications, 6, 8, 11 and 13 mm are available for various bar diameter ranges. With the diameters close to the channel size, bar preparation may be required. This unique design provides greater flexibility and optimum in bar guiding.

二合一送料料管

雙尺寸U形料管，由四種規格06、08、011及013mm搭配組成，能滿足工具機棒材直徑的加工需求。各規格分別有其建議的棒材使用範圍，針對棒材直徑與料管尺寸相近者，須透過端面修料來滿足應用。此獨特的設計，提供使用者更大的加工彈性並兼顧最佳的送料效能。

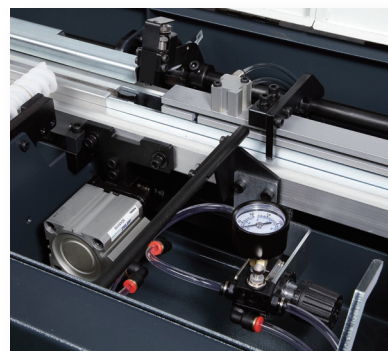
Easy Change Pusher and First Feed Accuracy

Thanks to the first feed pusher design reducing the overall length of the bar feeder and a reliable bar measuring system for reliable and accurate feeding.

A quick release pusher design allows its fast changeovers without tool.

簡易押棒更換與精準一次送料

一次送料設計可縮短料機的機台長度，此特殊的短推塊專為細小材料所設計，搭配可靠的棒材切端量測裝置，可精準定位材料。押棒更換簡易快速，無須使用任何工具，鬆開勾座旋鈕，即可輕易取出更換。



Self-Centering Bar Clamping Device

The self-centering vise efficiently clamps the bar during extraction and insertion operation covering the whole diameter range of the bar feeder without adjustment. The clamping device is enhanced by a pressure regulator optimizing the clamping force especially for very small diameter bar, soft material or thin wall tubing.

免調整式夾料裝置

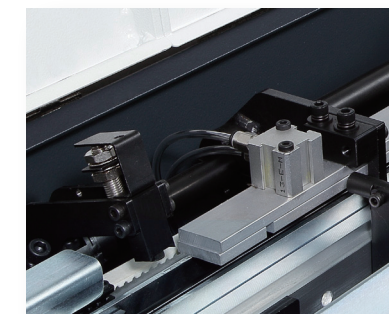
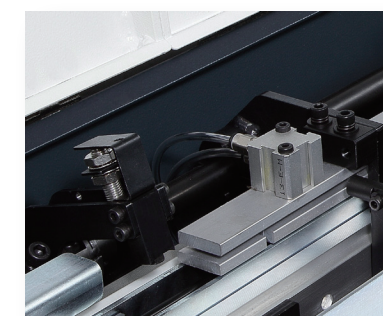
新式的夾料機構，不同直徑的棒材皆無須調整，於插拔料動作期間，可自行將材料定位於中心。另外，其夾料強度可透過調壓閥來調整，對於直徑較小或質地較軟的材料，給予適當的夾持力道。

Sectional Guiding Channel Cover

A multiple sectional guiding channel ensures ideal guiding system of small diameter bars in rotation at high RPM. As the pusher feeds through the channels, the upper section unlocks to open the passage of the flag of the pusher without interference.

分段式料蓋（專利）

多段控制的料蓋設計為確保細小棒材在高速加工運轉中，能有緊密的送料空間與及順暢的送料程序。當押棒送料到各段位置之前，料蓋將分段開啟，以利押棒順利通過，不受任何阻礙。

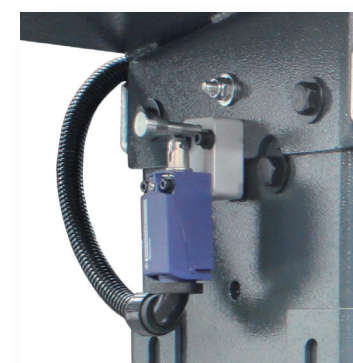


Reliable Headstock Synchronization

An electromechanical synchronization device is directly connected to the headstock of the machine allowing safe movements of the bar in perfect synchronization with the movements of the headstock. Safe and reliable on the full bar length.

可靠的主軸同步系統

機電式同步裝置直接連接車床主軸，透過皮帶輪的電磁鐵激磁作用，讓料機的傳動機構與主軸同步移動。主要應用於走心式車床，送料安全且動作可靠。



Bar Feed Retraction System - Option

The retraction mechanism permits easy access to the lathe components for diameter changeovers or routine maintenance. The design is precise ensuring accurate relocation of the bar feeder after retraction. A safety switch confirms the safe repositioning of the bar feeder.

移動式腳座 - 選配

移動式機構設計，方便操作人員將設備移開，更換車床部件或進行例行性的維護工作。特殊的機構設計搭配安全開關，能確保料機移位與定位準確。