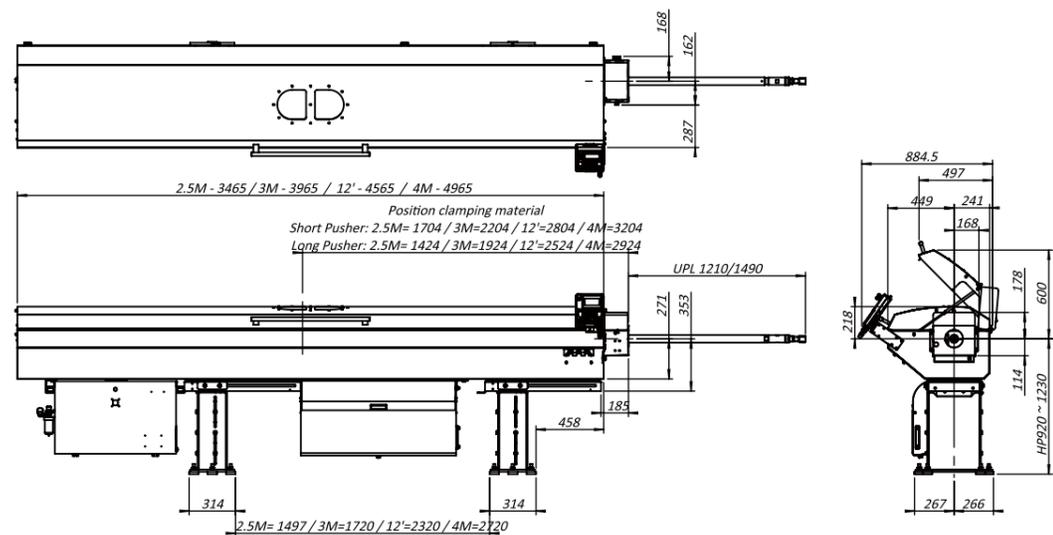


TECHNICAL SPECIFICATIONS 技術規格

XH552					
Diameter 直徑	mm	ø 5 - 52 (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	2.5	3.0	12'	4.0
Magazine capacity 棒材容量		ø10 mm x 30 pcs			
Overall length 機台長度	mm	3650	4130	4730	5130
Overall width 機台寬度	mm	893			
Max. bar length 最長棒材長度	mm	2700	3200	3800	4200
Weight 重量	kg	850	900	950	1000
Air pressure 空壓	kg/cm <sup>2</sup>	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	920 - 1230			
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					

FLOOR PLAN 外部尺寸 (mm)



(Left to Right Front Bar Loader)

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

AUTOMATIC BAR FEEDING SYSTEM FOR FIX AND SLIDING HEADSTOCK LATHES

Diameter range 棒材適用直徑: 5 - 52 mm



YOUR ONE-STOP-SHOP  
FOR MACHINE-TOOL PERIPHERALS



### Smoothing and accurate loading

Easily adjusted vertical loading fingers along with the buffering mechanisms ensures accurate and soft bar loading. The device gently swings down, reducing the impact of bar dropping on the channel and prolong the longevity of the components.

#### 下料平順且精確

下料系統易於調整且精確，其設計為垂直式下料並輔以緩衝機構，以減少棒材落料時之衝擊力道，使下料更為平順，進而能延長內部元件的使用壽命。

### Quick and easy diameter changeover

LNS XH552 is equipped with a side load rack fitted with loading fingers controlled by a central, manually operated system. The scale provides a visual reference for rapid and precise adjustment.

#### 換料調整快速

LNS XH552的特殊下料裝置設計，於置料機架旁裝配一控制桿及輔助量尺，由下料系統統一控制勾料機構，使用者參照量尺調整棒材直徑範圍，手動調整控制桿，快速更換材料。



### Locking system of the channel

Securing points along the upper channels provide additional rigidity and stability for material during operation, diminishing the vibration and thus improving the quality of the machining part.

#### 鎖固式料管系統

料管上蓋卡榫的設計，增加了棒材在料機內部旋轉的穩定性，使其運轉時的震動及噪音降到最低，以提高零件的加工品質。



The guiding system is made up of pushers and guiding elements. In the case of a full change of diameter, all these elements are easily and rapidly replaced without any tools. It will reduce the downtime to a minimum.

送料系統由押棒及料管所組成，廣泛的料管規格選擇能滿足客戶各種棒材尺寸的加工需求，其更換簡易迅速，無須使用任何工具，縮短設備停機時間。

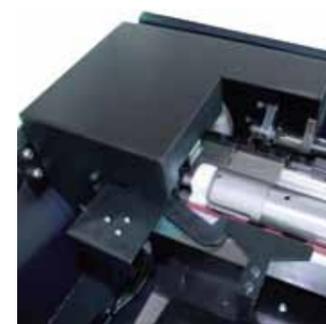


### Greater bar stock stability and less oscillation inside the lathe

The 2-position hydrostatic front stabilizer is set to the bar diameter and automatically opens to the pusher diameter as it feeds through to provide hydrostatic support from start to finish. It is especially adapted for profiled material (hex) where the guiding element diameter is critical for best performance.

#### 前端防震提高送料穩定性

防震裝置能有效降低棒材轉動時之震盪幅度，並藉由流體靜力學之概念，以油膜來維持送料中心，加強棒材送料之穩定性。除圓形棒材外，其防震夾塊亦適用於異形材之加工，而使用者須依據加工棒材大小，選擇適合的夾塊尺寸，防震裝置便可發揮其效能，使加工產能最佳化。



### Power booster for bar insertion / remnant extraction

Servo driven bar insertion and remnant extraction is assisted by a mechanical power booster to overcome challenges with out of tolerance bar stock and tight pusher collets.

#### 插拔料力矩助推器

機械式插拔料裝置用以輔助伺服馬達進行插拔料動作，克服棒材尺寸誤差或夾頭太緊的狀況，適時地增強必要之力矩大小。

### User-friendly remote control

Hand hold remote control combined with HMI provides easy parameter setting, ensuring the interaction between bar feeder and lathe. It allows operator to manage all the functions with bilingual HMI display.

#### 人性化的手持式控制器

移動式操控盒搭載人機介面顯示，提供雙語設定功能，便於使用者管理所有參數，使送料機與車床的連線更為順暢。



### 3S Synchronization (Option)

The headstock is directly connected to the servo drive eliminating transmission delay with sliding headstock machines and guarantees perfect synchronization between the pusher and the headstock with added safety.

#### 3S 同步裝置(選配)

主要應用於搭配走心式車床，以裝置連接料機與車床主軸，偵測車床夾頭的移動位置，使伺服馬達能同步運行，並有效地控制壓棒移動距離，來提高送料位置精準度。

