



SE 880 - SPINDLE EXTENSION



THE PERFECT ACCESSORY

The LNS SE 880 spindle extension can be used to load and guide bars up to 1600 mm in length, making it the perfect accessory to a short bar feeder. Thanks to the spindle length of the lathe and the additional spindle extension, 3m bars can be loaded and guided in half length. This reduces the number of remnants, extends autonomy and increases productivity.

BAR GUIDING

The stability of the spindle extension SE 880 and its guiding tubes, for the diameter range of 8 to 80 mm, allow the system (hydrodynamic guiding tube) a low-noise and low-vibration guiding of the bar to machine parts with optimal cutting speeds.

The guide tube is supplied with a continuous flow of oil. The rotation of the bar creates the hydrodynamic effect which centres and supports the bar. The oil supply is interrupted when the bar exits the SE 880 spindle extension. At the guide exit, an air blower removes the oil residue before the bar enters the spindle. The oil supply and activation of the blower are controlled by the LNS short bar feeder PLC.

CHANGING THE GUIDE TUBE

Changing is quick and easy. The LNS short bar feeder retraction system, which is supplied as standard, frees up the necessary space around the SE 880 spindle extension to allow the guide tube to be accessed and changed very easily.



YOUR "ONE-STOP-SHOP"
FOR MACHINE-TOOL PERIPHERALS



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TECHNICAL SPECIFICATIONS



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LNS provides a full range of barfeeders, chip conveyors, coolant management systems and air filtration systems which is second to none on the market. We are known in the industry for the solid expertise we have gained over several decades in an exceptionally wide range of applications, our excellent customer service and our technical support. This support is ensured by highly qualified technicians who are available at key locations throughout Europe.

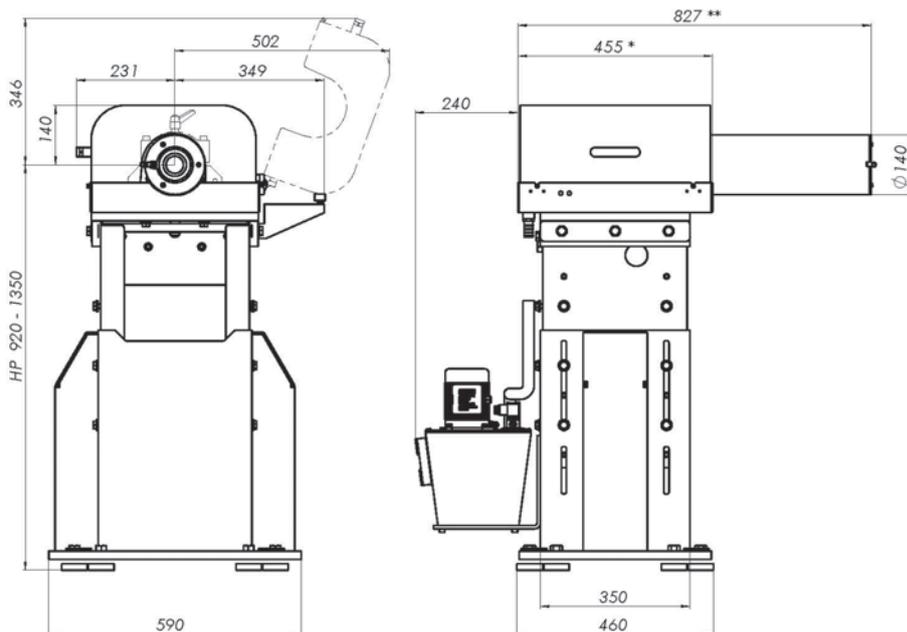
TARGETED APPLICATION

The length of the SE 880 spindle extension is determined by the position and length of the spindle on each type of lathe.

This configuration must be determined before an offer can be made or an order confirmed. The use of this extension therefore depends on the configuration of the lathe and its spindle.

| Capacity | | SE 880 - SPINDLE EXTENSION |
|----------------------------|----|----------------------------|
| Diameter | mm | ø 8 - 80 |
| Bar length maximum | mm | up to 1600* |
| Permissible spindle length | mm | 750 to 1200 max. |
| Spindle height | mm | 920 to 1350 |
| Specifications | | |
| Guide | | Hydrodynamic/guiding tube |
| ISO 100 oil | Lt | 10 |
| Control | | Via the QLSIII or QLS80 S2 |

* Depends on the lathe's configuration, to be confirmed when ordering



* Min. guiding length
** Max. guiding length

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