



## 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

## TARGETED APPLICATION

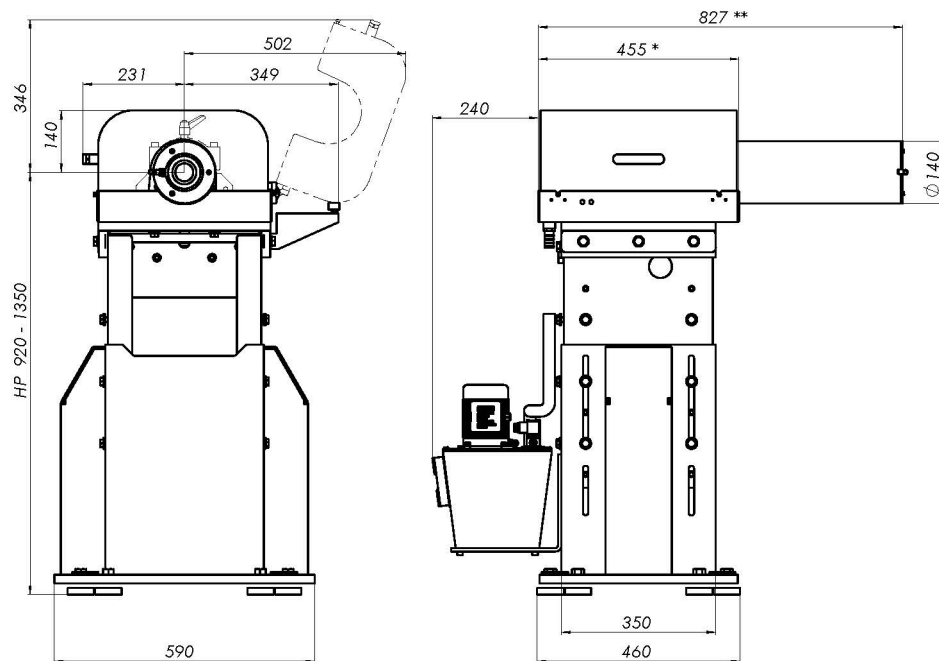
The length of the SE 880 spindle extension is determined by the position and length of the spindle on each type of lathe.  
This configuration must be determined before an offer can be made or an order confirmed. The use of this extension therefore depends on the configuration of the lathe and its spindle.

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 bis 1350
Specifications		
Guide		Hydrodynamic/guiding tube
Oil		10L, ISO VG 100
Control		Via the QLSIII or QLS80 S2

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

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

LNS provides a full range of bar feeders, 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 technical support. This support is ensured by highly qualified technicians who are available at key locations throughout Europe.



\* Min. guiding length  
\*\* Max. guiding length



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