



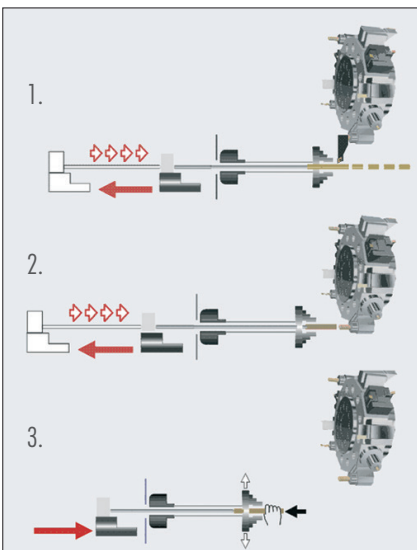
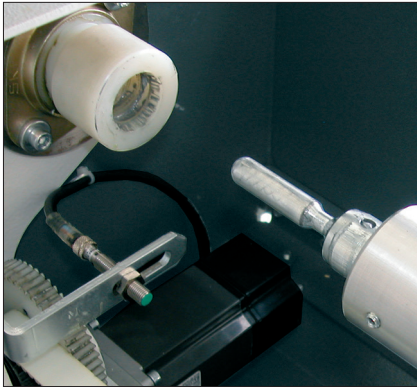
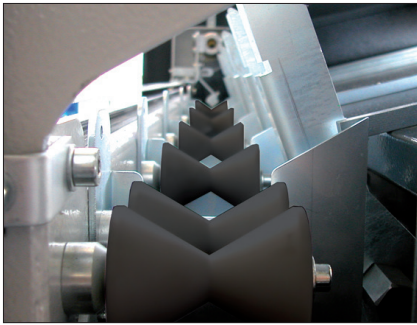
## QUICK LOAD SERVO 80 S2

SHORT AUTOMATIC BARFEEDER

Diameter range: 6 – 80 mm



YOUR ONE-STOP-SHOP  
FOR MACHINE-TOOL PERIPHERALS



## MINIMUM SURFACE – MAXIMUM PERFORMANCE

The Quick Load Servo 80 S2 is designed for the automatic loading of short bars. This bar feeder is designed to load bars up to 1600 mm long and 80 mm in diameter. The Quick Load Servo 80 S2 is equipped with automatic diameter changing and LNS servo motor technology.

## PERFORMANCE & RELIABILITY

Reliability and speed have become key factors in the quest for productivity. The Quick Load Servo 80 S2 was designed so as to perform all operations in record time.

The Quick Load Servo 80 S2 is equipped with LNS servo motor technology. The loading cycles have been reduced to a minimum. All the nonproductive movements of the pusher are extremely rapid to minimize idle time. In order to guarantee the reliability of performance, all the movements are electrically safeguarded with high-quality components.

## CHANGING DIAMETERS

Changing diameter is an element of production costs that needs to be closely monitored. The Quick Load Servo 80 S2 is equipped with automatic diameter changing. 10 seconds are all that is needed to configure the new diameter.

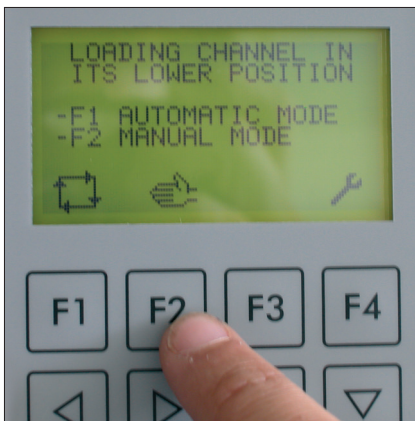
Start-up and diameter changing can be performed in record time thanks to the intuitive controls. Simply entering the new diameter, the bar profile and the length of the workpiece suffice to automatically control the barfeed.

## SMART POSITIONING THROUGH SERVO DRIVE

The LNS servo drive technology guarantees the Quick Load Servo 80 S2 an unrivalled bar positioning precision, and allows different feeding modes to prevent the bar from hitting the turret:

1. Without a bar stop on the turret:  
The barfeeder pushes and positions the material without any help from the lathe. The best accuracy is reached when the lathe uses a "pull-to-close" clamping device.
2. With a bar stop on the turret:  
The barfeeder pushes the bar against the turret stop, either in final position or as the turret moves into the feedout position, all while adapting the deceleration curve to create a "soft touch" effect against the stop and preserve the mechanical elements.
3. Manual loading of shafts or premachined parts\*:  
When the clamping device of the lathe opens, the pusher moves in position to create a mechanical stop inside of the clamping device that is used as a reference for accurate and repeatable positioning of the material by the operator.

\* This option cannot be used in lathes equipped with double channel safety interface.



## SIMPLICITY OF USE

No adjusting – everything runs automatically with the Quick Load Servo 80 S2. At LNS, we have put the focus on user-friendliness and ease of use.

- Easy-to-use and user-friendly HMI system

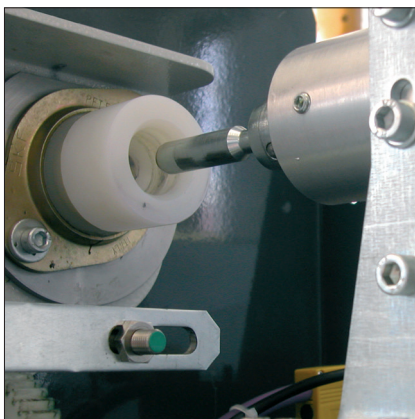


## MAKING MORE ROOM WITHOUT COMPROMISING ON PRECISION

The Quick Load Servo 80 S2 is equipped with either a lateral or longitudinal movement device, according to your needs.

The movement facilitates access to the lathe spindle, saving considerable time when installing spindle liners or other machine interventions.

The Quick Load Servo 80 S2 can be delivered with either back or front loading ramp.



## "EASY CLIC" PUSHING SYSTEM

LNS offers 3 pushers to cover the range of diameters. Thanks to the "Easy Clic" system, changing pushers is very easy and quick.



## PLUS SPINDLE LINERS

LNS offers spindle liners to improve guiding and assure rapid rotation speeds. A storage space for the spindle liners is provided on the barfeed.

## TECHNICAL SPECIFICATIONS

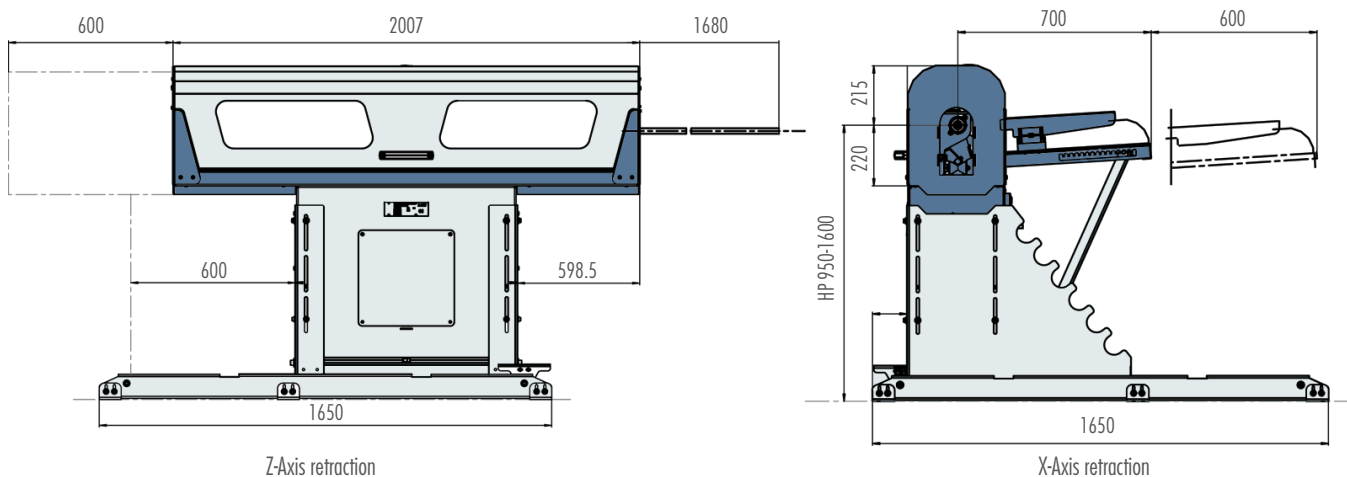
### YOUR ONE-STOP-SHOP FOR MACHINE-TOOL PERIPHERALS

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.

Capacity		
Diameter	mm	∅ 6 – 80 spindle
Bar length	mm	350 – 1605 (limited to spindle length)
Loading system		Lateral magazine
Loading capacity	mm	640
Loading side		Front/Rear
Applications		
Type of headstock		Fixed
X or Z axis retraction	mm	600
Diameter change		
Diameter set up	sec	10 (automatic)
Complete change	mins	2 (including pusher)
Driving system		
Motor		Servo
Drive		Notched belt
Options		
Kit for "One Shot" shaft loading		
Orientation kit for square stocks		

⚠ The bar length cannot exceed the spindle length.

### FLOOR PLAN (MM)



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