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QUICK LOAD SERVO 80 S2

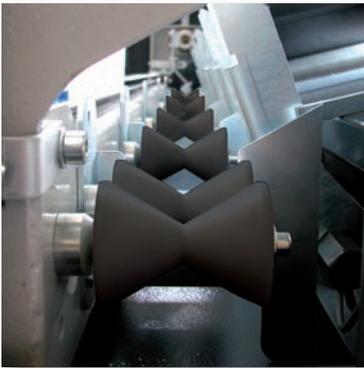
Short automatic barfeeder

Diameter range: 6 - 80 mm



LNS SA
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Minimum surface – maximum performance

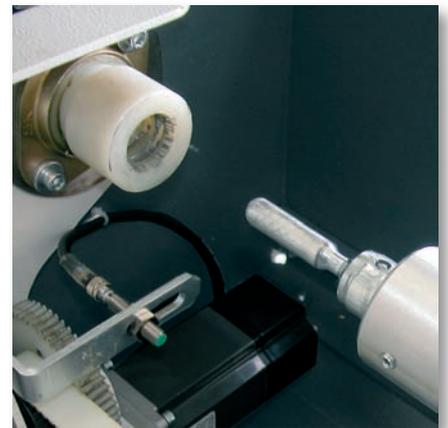
The Quick Load Servo 80 S2 is designed for the automatic loading of short bars. This bar feeder is designed to load bars up to 1600 mm long and 80 mm in diameter.

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 so as 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 registering the new diameter, the bar profile and the length of the workpiece suffice to automatically control the loader.

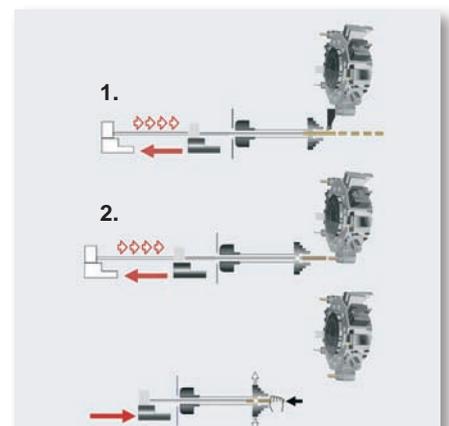
Servo motor

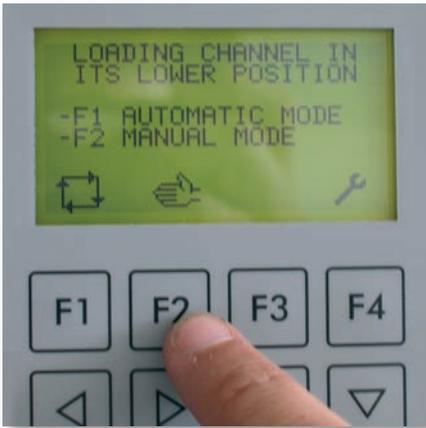
The LNS servo motor control technology affords the Quick Load Servo 80 a bar positioning precision that is unrivalled on the market. It guarantees accurate bar control and prevents them from hitting the turret. This is called "soft touch" positioning.

Two working modes:

1. Without a bar stop on the turret:
By means of a traction tightening device, the infeed of the material is controlled by the loader.
2. With a bar stop on the turret :
The infeed of the material is determined by the lathe; the bar is pushed against the turret stop. "Soft touch"

When changing manually, the pusher can be used as a stop.





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 IT 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. Considerable time saving 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. They improve guiding and assure rapid rotation speeds. Housing is provided for arranging the spindle liners.



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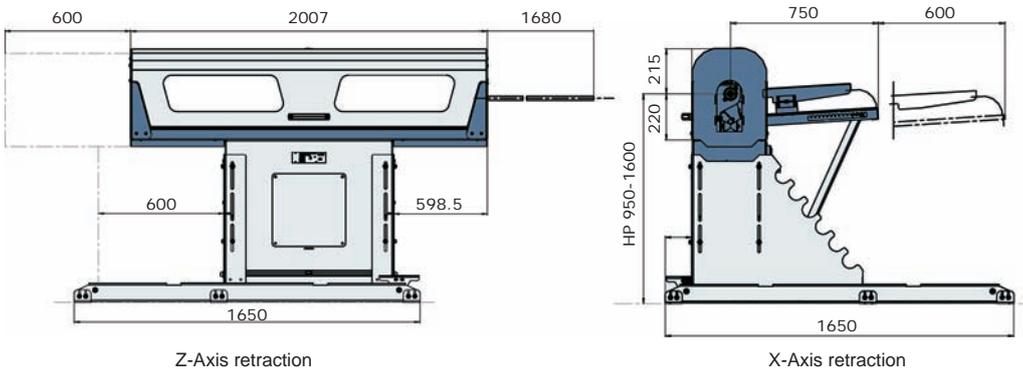
Technical specifications

| | |
|---|----------------------------|
| Diameter | ø 6 - 80 mm |
| Bar length (limited to headstock length) | 350 - 1605 mm |
| Loading system | Side load rack |
| Loading capacity | 650 mm |
| Loading | Front/rear |
| Headstock type | Fixed |
| X or Z axis retraction | 550 mm |
| Diameter set up | 10 sec. (fully automatic) |
| Total changeover | 2 mins. (including pusher) |
| Motor | Servo |
| Drive | Notched belt |
| Options | |
| Shaft loading kit | |
| Orientation kit for square bar stocks | |



The bar length does not exceed the spindle length

Floor plan (mm)



Your "One-Stop-Shop" for machine-tool peripherals

LNS is your one-stop resource for industry leading bar feeding equipment and accessories, chip conveyors and coolant management systems. So you get unmatched product range, applications experience, service and support. The LNS customer service and technical support teams are the industry's most experienced. Together, they provide expert product selection and application assistance, professional installation and comprehensive training.

We support every product we sell with replacement parts, and both field and factory service. We provide this expert service through trained technicians who are strategically positioned throughout the world. And because we design every bar feed, chip conveyor and coolant system we sell, we can provide parts and service for all LNS equipment – even chip conveyors and bar feeds that have been in service for over twenty years.



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