

# Quick Load Servo 80 - S2

## Automatic Magazine Loader for short bars

For fixed or traveling headstock lathes  
Ideal solution for 1-5/8", 2", 2-1/2", 3" bar capacity turning centers. **One model fits all!**



**Capacity:** Bar Diameter: **1/4" to 3-1/8"** ( 5mm to 80 mm)  
Bar Length: 14" to 63" \* (\*Not to exceed overall length of spindle)

### Concept Features:

- Patented loading mechanism and proven smooth bar loading in "V" roller supports
- All electric
- Servo drive with absolute encoder
- Pusher feeding and table loading mechanism on rigid and high accuracy linear ways
- Automatic torque and speed adjustment
- "V" roller supports for friction free bar stock loading
- 23" (580 mm) X- or Z- axis retract for E-Z spindle liner changeover and convenient access to the back of the spindle
- Spindle liners and pusher storage area
- Front access cover has transparent windows for operational view
- Front or rear load available (specify when ordering)

### New!

Added value for Increased  
Productivity, Production Flexibility!

**Advanced  
Technology  
500 parts library,  
Optional Ethernet  
LNS E-Connect  
Interface  
connection**

### Productivity Features:

- 15 seconds for partial changeover within the pusher range by direct data entry
- 1 minute or less for complete changeover
- 23" (580 mm) wide magazine tray capacity (stores 100 bars of 1/4" in diameter or 8 bars of 3-1/8")
- Includes three pushers to cover entire range of the barfeed (6mm, 12mm, 20mm)
- Automatic bar diameter adjustment for bar selection fingers **and** centerline alignment by direct data input
- Feed to part length with or without turret assistance
- Sub-spindle and traveling spindle applications
- Prompting remote control, menu driven, guides you through setup, 15 seconds complete production change
- 15 seconds bar reload time preloads while machining the last part for increased productivity
- State of the art Advanced PLC technology with embedded web server for easy Ethernet Interface
- Parts Library, 500 parts, faster and easier repeat job changeovers