Specifications and Floor Plans

Quick Six S2
Compact, hydrostatic, automatic short loader for 6-foot long bar stock from 3/8” to 3-1/8” diameter

- Servo Drive with Absolute Encoder provides full flexibility for bar feeding
- Hydrostatic support pressurized hydrostatic oil film supports the rotating bar and permits high spindle speeds
- Rugged compact design withstands the abuse of large bar stock turning at high RPM
- Standard Chain Magazine holds 7 pieces of bar stock for unattended operation
- 4 Minutes or less for Complete Changeover fast and easy reduces downtime and increases production
- Automatic Torque and Speed Adjustment by easy programming of diameter and part length
- Feed to Part Length with or without turret assistance
- 15 Seconds Bar Reload time preloads while machining last part
- Promoting Remote Control, menu driven, guides you through setup
- Program Data Stored on Smart Media Card for easy software upgrades or data changes
- 19” Z-axis Retraction System permits easy access to the lathe for spindle liner changeover and/or machine maintenance
- Air Blast System prevents oil on the bar stock from leaving bar feed and entering lathe
- Integrated Hydraulic System constant oil pressure and adjustable flow, gear pump and washable filter
- Optional Horizontal Floor Mounted Storage provides additional storage capacity and also permits safe large diameter bar stock handling.
- Front Load for optimum utilization of floor space when loading chain magazine

*Barstock Straightness Specifications

For optimum rotational performance, bar stock straightness needs to be .020” per 3.25 feet, non accumulative. Barstock out of this tolerance will not run at optimum RPM capability. Other factors such as material type (brass, copper, bronze and other malleable materials), clamping efficiency of the machine workholding, alignment of the barfeed, oil type, bar preparation and spindle liners will affect optimum RPM capability of the system.

Bar Diameter: 3/8” - 3-1/8”
Bar Length: 27.5” - 74.8”
Loading System: Chain Load Rack (7 pieces)
Z Axis Retraction: 19”
Maximum bar stock length: 6’ 3”
Minimum length: 27.5”

Option: Lower horizontal rack magazine to increase total loader capacity
The 6-Foot Advantage

The Quick Six pushes productivity to new limits by quickly and efficiently loading 6-foot bar stock into your turning machine. This optimum length bar stock can safely turn faster than 12-foot length while minimizing bent bar issues. The Quick Six's compact design takes up less valuable floor space. Best of all, one person can easily load the 3/8" to 3-1/8" diameter 6-foot bar stock thus reducing labor cost. What about headstock length bar feeding systems? The Quick Six deep sixes them too with fewer bar cuts and remnants, and longer unattended operation.

Hydrostatic Support System
Guiding bar stock precisely with no vibration and friction is essential to achieve the highest quality production.

Lost Space Without Compromising Precision
While changing spindle liners, space must be created between the magazine bar loader and the headstock. The magazine bar loader moves without compromising its stability and, therefore, its precision.

Unattended Operation
Continually loading new bar stock increases your production time and is costly. Your competition could be a step ahead by reducing their production time with a bar feed that loads bar stock simultaneously.

Efficient Diameter Changeover
Complicated and time consuming diameter changeover can hinder your production increasing unnecessary cost.

The Quick Six offers the industry’s widest range for a 6-foot automatic magazine bar loader accepting 1/2" to 3-1/8" diameter bar stock. Changing the single guide tube is quick and easy. When changing diameter simply follow the prompts on the remote control to enter the bar diameter, part length and guide tube ID. The Quick Six does the rest in record time.

Safety
One of the most obvious examples of safety risk is the bar protruding from the back of the lathe without appropriate support.

The Quick Six offers a professional and safe solution to this often badly-managed danger. The Quick Six guarantees safe bar guiding up to 6' regardless of spindle length. The Quick Six eliminates temporary and hazardous solutions currently used to work in half-bars with short bar loaders, such as:

1. Allowing the bar to protrude without support
2. Extended spindle liners
3. Added bar supports

Maximizing Performance
The way in which the bar loader is set up has an impact on the performance of the lathe/magazine bar loader duo. At this stage, the technician’s skills, experience and knowledge, in addition to the equipment’s features, is added value.

The user-friendly remote control helps the operator to set up the unit, and provides self-diagnosis and monitoring.