

# Newall E70-CSS Lathe

Work faster. Reduce scrap. Save money.

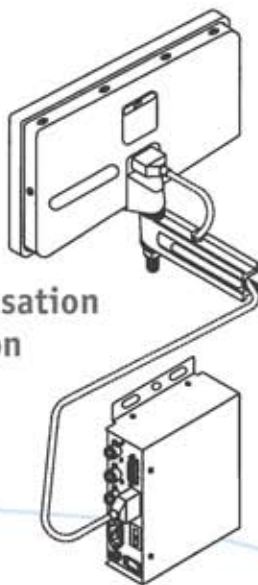


## Advantages of CSS:

- Optimum surface cutting speeds lead to improved tool life and less scrap
- Provides finer surface finish
- Permits use of high performance ceramic tooling

## Standard DRO Features:

- **CSS (Constant Surface Speed)**  
Provides an output that can be applied to an AC inverter spindle drive. The system uses the scale feedback to automatically control the spindle RPM. This ensures a constant surface speed.
- **99 Tool Offsets**
- **199 Memory Positions**
- **Digifind (Absolute Reference)**
- **Radius/Diameter Readings**
- **Zero Approach Warning**
- **Inch/Metric Conversion**
- **Automatic Linear Error Compensation**
- **Absolute/Incremental Operation**
- **Taper Calculations**
- **Self Diagnostics**
- **Fault Indicator**
- **Axis Pre-set**
- **Center Find**
- **Zero Reset**



## The Spherosyn Advantage...

### Newall Linear Encoders:

- IP67 rating (completely sealed, fully submersible)
- Impervious to coolant, dust, swarf and virtually all shop conditions
- No mechanical wear
- Requires no cleaning or maintenance
- Tolerant to shock, vibration and magnetic interference
- Resolutions to 0.00005"
- No glass scale to break or scratch
- Easy installation



# NEWALL

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