

This machine chamfers, faces and bores tube or bar ends, automatically and with high precision. All chucking, locating and tool feed motions are powered hydraulically.

Closed-loop servo tool feed is available as an option, to insure long tool life and optimum cutting rates.

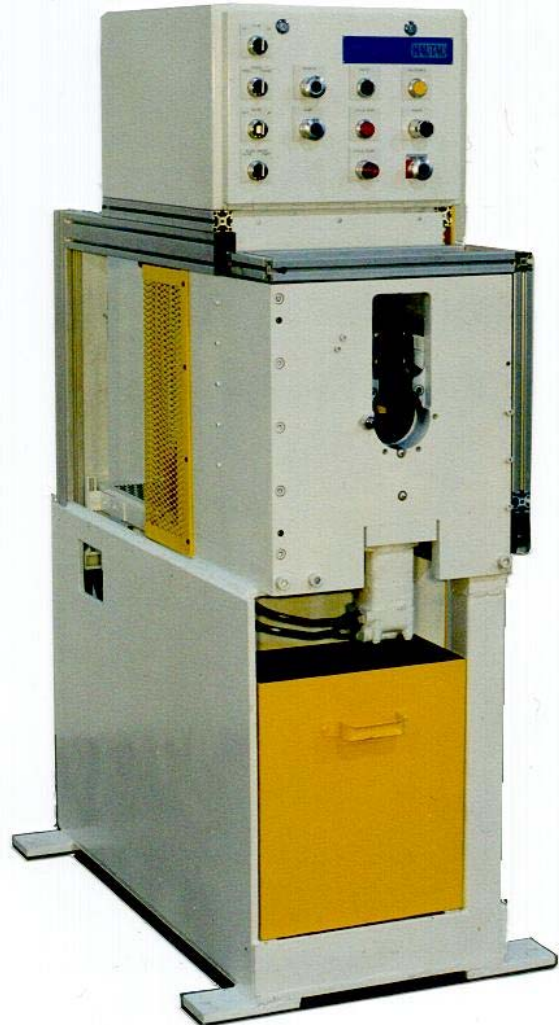
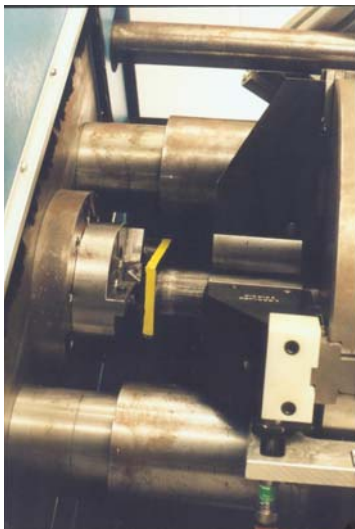
Variable-frequency spindle drive can be supplied to allow speed changes through operator interface.

Rigid tool mounting is insured by either the standard four (4) bolt flange mount or the optional Kennametal® KM® or Komet® ABS® quick-change system.

The automatic-retracting tube stop allows tubes to be located from either the chamfered end or the opposite end, and prevents the tube from contacting the cutters during loading. Axial locating of the tube is positive, which eliminates finished length variance due to improper loading.

### **Multi-Jaw Tube Chuck**

- Rigid, concentric workholding
- Full-range jaws with no changeover required
- Large through-bore
- Special jaws available for tapered or shaped parts
- Optional position control speeds changeover



*C30 Endfinisher*

### **Standard Machine Features**

- Hydraulic spindle feed with chip-break
- Hydraulic 4-jaw chuck
- Replaceable chuck top-jaws
- Four-bolt flange tooling mount
- Removable shavings bin
- Enclosed machining area for safety
- Allen-Bradley ControlLogix PLC



**C30S with Servo Tool Feed**

### Precision Boring Spindle

- Sealed, precision spindle bearings support heavy cutting loads
- Ball-bearing guides with zero-clearance “rolling press-fit”
- Rigid four (4) bolt flange mount
- Komet® ABS® quick-change system (optional)
- Kennametal® KM® quick-change system (optional)

### Machine Options

- CNC hydraulic servo tool feed
- Chuck position feedback and control
- Quick-change tool holder
- Quick-change chuck jaws
- Variable-speed spindle drive
- Allen-Bradley PanelView® touchscreen interface
- Outboard length stop assembly
- Chip conveyor

### Specifications

Machine Model	C30	C60
Through-bore	4.25"	7.0"
Facing repeatability	±.003"	±.003"
Spindle speed*	900/1200/1800/3600	600/900/1800
Maximum cycle rate	600/hour	400/hour
Hydraulic pump	7 GPM pressure-compensated, air-to-oil cooler	
Pump motor	5 HP	8HP
Spindle motor	5, 7, or 10 HP	30, 40 or 50 HP
Electrical supply**	480V 60HZ 30A	480V 60HZ 60A
Compressed air	80 PSI, 1 CFM	
Machine size	26"W x 52"D x 68"H	115"X 59"D x 71"H
Machine weight	2800 lbs.	11,500 lbs.

\* variable-speed optional

\*\* 240 volt optional