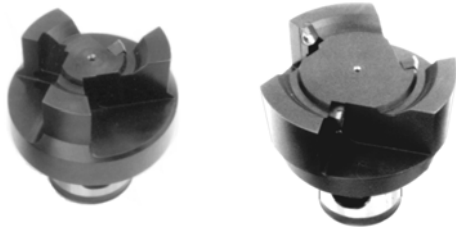


If you're ready for an endfinishing machine that's incredibly rigid, powerful and accurate, this is it. Our massive frame, high-thrust spindle and rigid hydraulic chucking assure fast, repeatable tube machining at optimum feedrates.

Rigid tool mounting is insured by the standard four (4) bolt flange mount or the optional quick-change system. Adjustable and dedicated chamfer heads hold commercial carbide inserts for lowest per-part tooling cost.

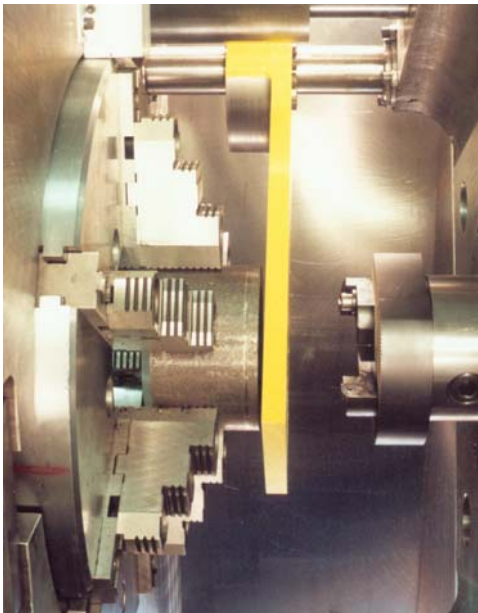


### **Servo Tool Feed**

Available as an option, this feature gives you longer tool life, optimum metal-removal rates, fastest setup and reduced cycle times. Precise feedrates and programmable chip-break function reduce chip buildup.

Setups can be changed "on-the-fly", and repeat jobs are easily stored in the controller.

Add our electronic variable-speed spindle drive package for even more versatility and productivity.



### **Versatile Tube Stop**

- Hydraulically powered for positive operation
- Remove a fixed amount from each tube end or face each end to control overall tube length
- Automatic stop retraction
- 100% length gauging before and after machining
- Insures easy, safe loading

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

- Full-range jaws, no jaw change required
- Rigid, concentric workholding
- Position control eliminates adjustment time
- Large through-bore
- Jaws available for tapered or shaped parts
- Adjustable gripping force

### Precision Boring Spindle

- Sealed spindle bearings support heavy cutting loads
- Ball-bearing spindle guides have zero play and last.
- Rigid four (4) bolt flange mount (standard)
- Komet® ABS® quick-change system (optional)
- Kennametal® KM® quick-change system (optional)

### Standard Machine Features

- Hydraulic spindle feed with Chip-break function
- Hydraulic 6-jaw chuck
- Replaceable chuck top-jaws
- Four-bolt flanged tooling mount
- Removable shavings bin
- Enclosed machining area for safety
- Allen-Bradley® PLC control



**Komet® Quick-Change Tooling**

### Machine Options

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



### **C80 Specifications**

<b>Max. tube diameter</b>	10.0"
<b>Facing repeatability</b>	±.004"
<b>Spindle speed*</b>	300 std. (variable-speed optional)
<b>Tube load height</b>	42" (floor to centerline of tube)
<b>Hydraulic pump</b>	7 GPM pressure-comp, air-to-oil cooler
<b>Pump motor</b>	7.5 HP
<b>Spindle motor</b>	40 HP, 900 RPM, 3 phase ODP
<b>Electrical supply**</b>	480V 60HZ 60A
<b>Compressed air</b>	80 PSI, 1 CFM
<b>Machine size</b>	125W"X 65"D x 76"H
<b>Machine weight</b>	12,800 lbs.

\* variable-speed optional

\*\* 240 volt optional