# BAUER INDUSTRIAL EQUIPMENT LTD.

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Celebrating quality products at competitive prices since 1973!



#### **MICROCUT Model CTL-618EVS**

High Accuracy, High Precision Toolroom Lathe

#### **FEATURES**

- 3HP infinitely variable frequency motor w/Yaskawa inverter.
- Spindle speeds can instantly be set from 0 to 4000 RPM with easy to read digital display while spindle is running.
- Slideways are hardened and ground with Turcite-B for wear resistance.
- Spindle mounted on high precision preloaded angular contact ball bearings eliminating radial and end play.
- Fast, single movement lever collet chucking.
- Quick change gear-box for easy precision threading.
- Auto thread length control with fine adjustable stops provide accurate threading without thread relief.
- Quick action toolpost slide for threading is instantly cleared from the work for a carriage return.
- Dual range inch/metric quick change gearbox and dials.



#### **SPECIFICATIONS**

Spindle Cap.	- w/chuck	6"	Swing Over Bed		11"
	<ul> <li>w/expanding collets</li> </ul>	3"	Swing Over Carriage		9"
	- w/round 5C collets	1-1/16"	Swing Over Cross Slide	е	6"
	<ul> <li>w/hex. 5C collets</li> </ul>	7/8"	Distance Between Centers		18"
	<ul> <li>w/square 5C collets</li> </ul>	3/4"	Power Feed Range	long.	3/16" - 4"
	<ul> <li>w/step chucks</li> </ul>	1-1/16" — 6"		cross	5/16" – 7"
Spindle Nose Diameter		2-3/16"	Tailstock Spindle Travel		3-3/4"
Spindle Motor & Speeds		3 HP (0 – 4000 RPM)	Electrics		220/60/3
Spindle Bore		1-1/16"	Net Weight		2300 lbs.
Gearbox thread range (36)		11 – 108 TPI			

### STANDARD ACCESSORIES

Worklamp Coolant system Toolbox w/tools & manuals

## **OPTIONAL ACCESSORIES**

Newall DRO system (0.00005" resolution, 5yr. warranty) 3-jaw chuck (+ back plate) 6" 5C step chuck (regular or extra depth) 2", 3", 4", 5" or 6" 5C step chuck closer (screw or taper) 2", 3", 4", 5" or 6" Plug chuck Spindle nose fixture plates (screw or taper) 3", 5" or 8-7/8" Fixture plate (screw or taper)

5C headstock center Chuck mounting plate Tool setting gauge 5C collets (1mm to 27mm)

Rear tool holder slide assembly

Vertical cut off slide

Chip Guard

Threaded positive stops (solid, ejector or long)

Universal collet stop

5C dead length collet (standard or 2") 5C collet fixture plates 3-3/8" or 4-3/8"

Slotted & tapped face plate (screw or taper)

Angle plate

Drive plate (screw or taper) and dog

Internal collet 2"

Rest (steady or follow)

Turning attachment (taper or radius)

Tool turret (four station or automatic indexing)

Center (male)