

## ACRA ATL-618EVS SUPER PRECISION TOOL ROOM LATHE



### FEATURES:

- 11" Swing Over Bed
- 18" Distance Between Centers
- Dual Range Inch/Metric Quick Change Gearbox
- Infinitely Variable Spindle Speeds From 0~4000 RPM
- Fast Lever Collet Chucking With A Single Movement
- Automatic Thread Length Control With Fine Adjustable Stops Provides For Accurate Threading Without Thread Relief
- Full Bearing Carriage With Turcite-B Slideway Bearing Material Between Carriage And Bed
- Solid Hardened And Ground Alloy Tool Steel Bed
- The Spindle Is Mounted In high Precision Preloaded Angular Contact Ball Bearings Eliminating Radial And End Play

### STANDARD ACCESSORIES:

- 5C Lever Collet Closer
- Special Tools
- Coolant System
- Direct Reading Spindle Speeds
- Tool Holder

### OPTIONAL ACCESSORIES:

- Indication Carriage Stop (T-FDS-618)
- Follow Rest (T-FR-306)
- Fixture Plate (T-317)
- Taper Turning Attachment (TL-T-01)
- 6" 4 Jaw Scroll chuck With Back Plate
- 6" 3 Jaw Adjust TRU Chuck With Back Plate
- Tool Setting Gage (T-303)
- 5C Collet Fixture Plate (3 3/8" Dia) (T-304A)
- 5C Collet Fixture Plate (4 3/8" Dia) (T-304B)
- Chip And coolant Shield (T-CS-10)
- Vertical Cut-Off Slide
- Steady Rest (T-SR-300)
- Rear Tool Holden Slide Assembly (T-RT-10)
- Heidenhain Digital Read-Out
- D.R.O. Installation
- 440Volt AC Inverter

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SPECIFICATIONS		ATL-618EVS
SPINDLE CAPACITY	With Chuck	6"
	With Expanding Collets	3"
	With Round 5C Collets	1 1/16"
	With Hexagon 5C Collets	7/8"
	With Square 5C Collets	3/4"
	With Step Chucks	1 1/16" ~ 6"
Spindle Nose Diameter		2 3/16"
Spindle Nose		5C (10°) / 4° x Taper
Spindle RPM		Variable 0~4000 RPM
Spindle Motor		5 HP
Hole Through Spindle		1 1/4"
Bar Stock Diameter (5C Collet)		1 1/16"
Swing Over Bed		11"
Swing Over Carriage		9"
Swing Over Cross Slide		6"
Carriage Power Feed Range		3/16" ~ 4"
Cross Slide Power Feed Range		5/16" ~ 7"
Cross Slide Travel		6"
Quick-Action Compound Slide Travel		0.1"
Compound Slide Travel		3"
Coolant Pump		1/8 HP, 220V, 3 PH
Feed Motor		220V
Tailstock Spindle Travel		3 3/4"
Range Of Threads In Gear Box		0.275~2.7MM
Number Of Thread Changes		36
Net Weight		2300 LBS
Shipping Weight		2530 LBS
Machine Dimensions (LxWxH)		73" x 30" x 67"

**NOTE:** The manufacturer reserves the right to modify the design, specifications, & mechanisms to improve the performances of the machines without notice. All specifications above are for your reference only.