

ACRA CTL-618E TOOLROOM LATHE W/ ELECTRONIC THREADING



FEATURES:

- Computer-Controlled Servo Motor Linked Directly To The Leadscrew.
- Display Shows Spindle Speed, Cutting Feed Rate And DRO Functions
- Good for Pitch And Module Turning Processing Without Any Gears In Gearbox. Easy Exchange Of Inch And Metric System, Accuracy Goes Up To Three Digits After Decimal Point.
- Digital Data shows R.P.M. of Spindle And Tool Infeed To Let Operator Arrange Best Possible Turning Process Combination. Hand Scraped Turret-Column Ways
- Digital Data Shows Electric Current For Easy Checking Overload Turning.
- Rapid Retract Function Available For Shortened Pitch Module Turning Processing Time.

- The Lead Screw Is Driven Directly By Servo- Motor. Through Operation Of Interface, A Spindle Decoder Is Used To Transfer The Motion Of Lead Screw To Rectilinear One. The L.C.D Touch Pad Showing The Data Is Applied To Control.
- Rapidly Returning To The Origin Is Executed According To The Principle Of Temporarily Coming Off The Tracking Mode.
- Feeding Rate Per Minute Of Auto Feed Is Calculated With MODBUS Communication Protocol Interior Message Data Of The Converter, So That User s' Cutting Precision Is Available Much Easily And Greatly.



STANDARD ACCESSORIES:

- 5C Lever Collet Closer
- Special Tools
- Coolant System
- Direct Reading Spindle Speeds
- Tool Holder
- Electronic Threading
- D.R.O.

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)
- 440Volt AC Inverter

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SPECIFICATIONS		CTL-618E
Spindle Capacity	With Chuck	150 mm(6")
	With Expanding Collets	76 mm (3")
	With Round 5C Collets	27 mm (1-1/16")
	With Hexagon 5C Collets	22mm (7/8")
	With Square 5C Collets	19mm (3/4")
	With Step Chucks	27 ~ 152mm(1-1/16 – 6")
Spindle Nose Diameter		Ø55.5mm (Ø2-3/16")
Spindle Nose I.D/O.D		5C (10 Ø X) / 4 Ø X Taper
Spindle Speeds (Variable)		0-4000 R.P.M.
Inverter Spindle Motor		5 HP
Hole Through Spindle		31.75mm (1-1/4")
Bar stock diameter (5C collet)		Ø27 mm (Ø1-1/16")
Distance Between Centers		457mm(18")
Swing Over Bed		280mm (11")
Swing Over Carriage		230mm (9")
Swing Over Cross Slide		152.4mm (6")
Carriage Power Feed Range		5~102mm (3/16"~4")
Cross Slide Power Feed Range		8~178mm (5/16"~7")
Cross Slide Travel		152mm (6")
Quick-action Compound Slide Travel		2.5mm (0.1")
Compound Slide Travel		76mm (3")
Coolant Pump		1/8HP,220V,3PH
Feed Motor		Inverter 1/2 HP
Tailstock Spindle Travel		95mm (3-3/4")
Range of Threads in Gear Box		0.2~10 mm (4~120 per inch)
Number of Thread Changes		-
Net Weight (approx)		1000 kgs (2200 lbs.)
Net Weight (approx)		1100 kgs (2400 lbs.)
Machine dimensions (LxWxH)		1850x750x1700mm(73"x30"x67")

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.