

ACRA 1400/1600TE PRECISION ENGINE LATHES



BED & STAND

- One Piece Cast Iron Floor Stand With Foot Brake
- Front Move Chip Tray Floor Stand Or Rear Chip Floor Stand Selected
- Bed Width 10 1/4 " Bed Meehanite Casting, Vibration Stress Relieved
- Induction hardened And Precision Ground Bed Ways
- Precision Hand Scraped Removable Gap Bed

HEAD STOCK

- Dynamic Balanced Spindle
- Spindle Is Supported By 3 Points Precision Bearings-2 Taper Roller And 1 Ball Bearing
- Housing Are Properly Stabilized And Deflection Free
- All Gears And Shafts Are Made By Chromium Molybdenum Steel With Segmentation And Precision Ground
- EVS Models Forced Lubrication System
- Nylon Safety Gears In End Train

SPINDLE

- Machined From Forged Alloy Steel, Hardened Ground & Dynamically Balance
- Three Point Support By High Grade Precision Machine Tool Taper Roller & Ball Bearings

UNIVERSAL GEAR BOX

- Induction Hardened And Ground Gears And Shafts
- Wide Threads Cutting Capacity For Imperial, Metric, Module Pitch And Diametrical Pitch

CARRIAGE & SLIDE

- Anti-Float Design, Backlash Eliminator Fitted In Cross Slide Nut
- Safety Clutches At Feed Shaft Lever
- Dual Reading Dials
- One Shut Lubrication For Carriage And Tops Slide

APRON

- Right Hand Side Or Left-Hand Size Apron. Hand-Wheel Available As Requested
- Integrated Automatic Device For Longitudinal & Cross Feeds, Forward And Reverse Feeds

STANDARD ACCESSORIES:

- 8" 3 Jaw Chuck
- Full Length Splash Guard
- Face Plate
- 10" 4 Jaw Chuck
- Coolant System
- 4 Way Tool Holder
- Steady/Follow Rest

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OPTIONAL ACCESSORIES:

- Micro Bed Stop
- Taper Attachment
- Taper Attachment Installation
- Lever Type 5C Collet Closer JFK
- Import Collet Closer
- Sargon Digital Read-Out-40"
- Sargon Digital Read-Out-60"
- Sony Digital Read-Out -40"
- Sony Digital Read-Out-60"
- Anilam Digital Read-Out-40"
- Anilam Digital Read-Out-60"
- Newall Digital Read-Out-40"
- Newall Digital Read-Out-60"
- D.R.O. Installation
- Import Quick Change Tool Holder
- 2 Speed Motor (40-2000 RPM)
- Halogen Light
- Chuck Guard

SPECIFICATIONS		1440/1460 TE	1640/1660 TE
CAPACITY	Swing Over Bed	14 3/16"	16 3/16"
	Swing Over Cross Side	8 3/8"	10 3/8"
	Swing In Gap	21"	23"
	Distance Between Centers	40"/60"	40"/60"
	Bed Width	10 1/4"	10 1/4"
SPINDLE	Spindle Nose	D1-6	D1-6
	Spindle Bore	2 1/16"	2 1/16"
	Taper of Spindle	MT NO.6	MT NO.6
	Spindle Speeds	70~1800 RPM (8 Speeds)	36~1800 RPM (12 Speeds)
TRAVEL	Compound Slide	5 1/2"	5 1/2"
	Cross Slide	8 11/16"	8 11/16"
THREADS & FEEDS	Inch Threads	45KINDS 2~72 TPI	45KINDS 2~72 TPI
	Metric Threads	39KINDS 0.2~14 MM	39KINDS 0.2~14 MM
	Module Threads	18 KINDS 0.3~3.5	18 KINDS 0.3~3.5
	Diametrical Threads	21 KINDS 8~44	21 KINDS 8~44
	Longitudinal Feed	0.002~0.067 IPR	0.002~0.067 IPR
	Cross Feed	0.001~0.034 IPR	0.001~0.034 IPR
TAIL STOCK	Quill Diameter	2"	2"
	Quill Travel	6"	6"
	Quill Taper	MT NO.4	MT NO.4
POWER	Spindle Drive Motor	5 HP	5 HP
	Voltage	220/440V AC / 3PH	220/440V AC / 3PH
WEIGHT	Net Weight	3,300 lb / 3,500 LBS	3,400 lb / 3,600 LBS
	Shipping Weight (Approx)	3,600 lb / 3,800 LBS	3,700 lb / 3,900 LBS

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.