

ACRA 1800/2100C PRECISION ENGINE LATHES



BED

- Bed Meehanite Casting, Vibration Stress Relieved
- Induction Hardened And Precision Ground Bed Ways
- Precision Hand Scraped Removable Gap Bed
- Foot Brake
- Turcite B Coating Between The Bed And Carriage

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
- Build In Mechanism Clutches made By British Matrix
- Forced Lubrication System
- Nylon Safety Gears In End Train

LUBRICATION

- Oil Sight Window For Efficient Checking Oil Action
- Headstock Pressure Lubrication System Ensure Its Lubricated And Cooling For High Speed Operations
- Lubrication in Gearbox & Apron
- External Oil Tank Lowering The Oil Temperature; It Helps The Spindle Running Temperature

APRON

- Right Hand Side Or Left Hand Side Apron: Hand-Wheel Available As Required
- Integrated Automatic Device For Longitudinal & Cross Feeds, Forward And Reverse Feeds
- Overload Safety Device

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
- 2 3/8" And Spindle Travel 6"

UNIVERSAL GEAR BOX

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

STANDARD ACCESSORIES:

- 10" / 12" 3 Jaw Chuck
- 12" / 16" 4 Jaw Chuck
- Full Length Splash Guard
- Coolant System
- Micro Bed Stop
- 4 Way Tool Holder
- Face Plate
- Steady / Follow Rest

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OPTIONAL ACCESSORIES:

- Taper Attachment
- Taper Attachment Installation
- Lever Type 5C Collet Closer JFK
- Import Collet Closer
- Sargon Digital Read-Out-60"
- Sargon Digital Read-Out-80"
- Sony Digital Read-Out-60"
- Sony Digital Read-Out-80"
- Anilam Digital Read-Out-60"
- Anilam Digital Read-Out-80"
- Anilam Digital Read-Out-120"
- Newall Digital Read-Out-60"
- Newall Digital Read-Out-80"
- Newall Digital Read-Out-120"
- D.R.O. Installation
- Import Quick Change Tool Holder
- Halogen Light
- Chuck Guard
- Live Center "MT 6"

SPECIFICATIONS		1860 / 1880 / 18120 C	2160 / 2180 / 21120 C
CAPACITY	Swing Over Bed	18"	21"
	Swing Over Cross Side	11"	14"
	Swing In Gap	28"	31"
	Distance Between Centers	60" / 80" / 120"	60" / 80" / 120"
	Bed Width	13 9/16"	13 9/16"
SPINDLE	Spindle Nose	D1-8	D1-8
	Spindle Bore	3 1/8"	3 1/8"
	Taper of Spindle	MT NO.7	MT NO.7
	Spindle Speeds	20~1600 RPM (16 Speeds)	20~1600 RPM (16 Speeds)
TRAVEL	Cross Slide	11"	11"
	Compound Slide	5 3/8"	5 3/8"
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	18KINDS 0.3~3.5	18KINDS 0.3~3.5
	Diametrical Threads	21KINDS 8~44	21KINDS 8~44
	Longitudinal Feed	0.0015~0.04 IPR	0.0015~0.04 IPR
	Cross Feed	0.00075~0.02 IPR	0.00075~0.02 IPR
TAIL STOCK	Quill Diameter	2 5/16 "	2 5/16"
	Quill Travel	6 1/2 "	6 1/2"
	Quill Taper	MT NO.5	MT NO.5
POWER	Spindle Drive Motor	12.5 HP	12.5 HP
	Voltage	220/440V AC / 3PH	220/440V AC / 3PH
WEIGHT	Shipping Weight	6,100 / 6,820 / 8,400 LBS	6,750 / 7,480 / 11,000 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.