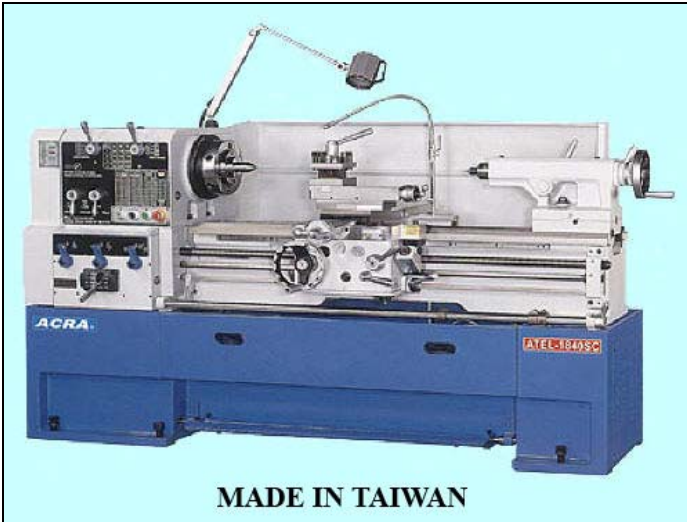


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ACRA 1800/2100SC PRECISION ENGINE LATHES



BED & STAND

- Meehantie Cast Iron, Vibration Stresses Relieved
- Induction Hardened And Precision Ground Bed Ways
- Precision Hand Scraped Removable Gap

HEAVY DUTY SPINDLE

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

HEADSTOCK

- Housing Is Vibration-Absorbent, Deflection-Free
- Gears Are Hardened & MAAG or REISHAUER Ground
- Spindle machined From Forged Alloy Steel, Hardened, Ground & Treated By Dynamically Balanced
- Spindle Is Supported At Three-Point By High Precision Taper Roller And Ball Bearings Keeps Rigid, High Accuracy

CARRIAGE & SLIDE

- Anti-Float Design Backlash Eliminator Fitted In Cross Slide Nut
- Safety Clutch At Feed Shaft
- One Shot Lubrication In Carriage & Top Slide
- Dual Dials Supply Inch System Screw
- Metric Dial Supply Metric System Only

APRON

- /H Or L/H Wheel Can Be Available On Request
- Integrated Automatic Control For Longitudinal & Cross Feeds, Forward & Reverse Feeds

SAFETY FEATURES

- Nylon Safety Gears In End Train
- Shear Pin In Leadscrew

STANDARD ACCESSORIES:

- 10" 3 Jaw Chuck
- 12" 4 jaw Chuck
- Full Length Splash Guard
- Coolant System

- Face Plate
- 4 Way Tool Holder
- Steady/Follow Rest
- 2 Speed Tailstock

OPTIONAL ACCESSORIES:

- Micro Bed Stop
- Taper Attachment
- Taper Attachment Installation
- Lever Type 5C Collet Closer JFK
- Import Collet Closer
- Acu-Rite Digital Read-Out-40"
- Acu-Rite 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
- Quick Change Tool Holder Made In USA
- Import Quick Change Tool Holder
- Halogen Light
- Live Center "MT No.4"

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| SPECIFICATIONS | | 1840 / 1860 SC | 2140 / 2160 SC |
|----------------------------|--------------------------|-----------------------|-----------------------|
| CAPACITY | Swing Over Bed | 18.11" | 20.98" |
| | Swing Over Cross Side | 12.10" | 15.25" |
| | Swing In Gap | 25.60" | 28.74" |
| | Distance Between Centers | 40" / 60" | 40" / 60" |
| | Bed Width | 12" | 12" |
| SPINDLE | Spindle Nose | D1-8 | D1-8 |
| | Spindle Bore | 3.149" | 3.149" |
| | Taper of Spindle | MT NO. 7 | MT NO. 7 |
| | Spindle Speeds | 12 STEPS 30~1500RPM | 12 STEPS 30~1500RPM |
| TRAVEL | Cross Slide | 10.70" | 10.70" |
| | Compound Slide | 4.72" | 4.72" |
| 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 | 0.0015~0.04 IPR | 0.0015~0.04 IPR |
| | Cross Feed | 0.00075~0.02 IPR | 0.00075~0.02 IPR |
| TAIL STOCK | Quill Diameter | 2.677" | 2.677" |
| | Quill Travel | 6" | 6" |
| | Quill Taper | MT NO.4 | MT NO.4 |
| POWER | Spindle Drive Motor | 7 1/2 HP | 10 HP |
| | Coolant Pump | 1/8 HP | 1/8 HP |
| | Voltage | 220/440V AC / 3PH | 220/440V AC / 3PH |
| WEIGHT | Net Weight | 3,740 LBS / 4,070 LBS | 3,850 LBS / 4,180 LBS |
| | Shipping Weight | 4,400 LBS / 4,730 LBS | 4,510 LBS / 4,840 LBS |
| DIMENSION | Length | 94.5" / 114.20" | 94.5" / 114.20" |
| | Width x Height | 45.5" x 68.70" | 45.5" x 68.70" |

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.