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ACRA 1400/1600TVS VARIABLE SPEED LATHES

BED & STAND



MADE IN TAIWAN

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

SPINDLE

- Supported By 2 Precision Taper Roller Bearings And One Ball Bearing
- Dynamically Balanced, Hardened, And Precision Ground
- D1-6 Spindle Nose
- 2 1/6" Diameter Spindle Nose

APRON & SADDLE

- Automatic Feed And Threading, Fully Interlocked
- Saddle And Top Slide Locking System
- Forward-Off-Reverse Lever
- 4 Way Tool Post
- T Slot Compound

DRIVE TVS

- 5 HP 4 Pole AC Inverter
- UL AC Inverter
- Conveniently Located Control Panel
- Digital RPM Meter
- 20~400 RPM Low Range
- 400~2800 RPM High Range

UNIVERSAL GEAR BOX

- Oil Bath Lubrication
- Heat Treated Precision Ground Gears
- Inch, Metric, Module, And Diametrical Threads

HEAD STOCK

- TVS Series-Pressurized Lubrication System
- All Gears Chromium Molybdenum, Heat Treated And Precision Ground

STANDARD ACCESSORIES:

- 8" 3 Jaw Chuck
- Full Length Splash Guard
- Inverter Controlled Motor
- 10" 4 Jaw Chuck
- Coolant System
- Centers
- Face Plate
- Steady/Follow Rest
- 4 Way Tool Holder
- Center Sleeve

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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
- 440 Volts
- Halogen Light
- Chuck Guard

SPECIFICATIONS		1440 / 1460 TVS	1640 / 1660 TVS
CAPACITY	Swing Over Bed	14 3/16"	16 3/16"
	Swing Over Cross Side	8 3/8"	10 3/8"
	Swing In Gap	21"	30"
	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 Bore	MT NO.6	MT NO.6
	Spindle Speeds	2 Speed 20~2500 RPM	2 Speed 20~2500 RPM
TRAVEL	Compound Slide Travel	5 1/2"	5 1/2"
	Cross Slide Travel	8 11/16"	8 11/16"
THREADS & FEEDS	Inch Threads	45 KINDS 2~72 TPI	45 KINDS 2~72 TPI
	Metric Threads	39 KINDS 0.2~14 MM	39 KINDS 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	220V AC / 3 PH / 1 PH	220V AC / 3 PH / 1 PH
WEIGHT	Net Weight	3,200 LBS / 3,640 LBS	3,530 LBS / 3,750 LBS
	Shipping Weight	3,640 LBS / 3,970 LBS	3,970 LBS / 4,200 LBS
	Dimension (L x W x H)	89" x 32" x 48"	109" x 32" x 50"

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.