

Summit Machine
Tool Manufacturing
Corporation



Electronic
Variable
Speed



**Vertical
Mill
EVS-Series**

**EVS350B and
EVS550B Mills**

Specifications

EVS350B and EVS550B Mills



Key Features & Benefits

- Inverter Duty, High Energy - High Efficiency Motors for lower utility costs, save up to 35%
- Fewer moving parts in the head for less maintenance and down time
- Cogged drive belt to prevent belt slippage and extend tool life
- Centrally located controls for ease of operation
- Immediate response speed control (0-full speed in 4 sec.)
- Full range RPM selection. Tweak up or down to prevent chatter and prolong tool life
- Electronic Inverter controlled braking for reduced set-up time
- "Turcite-B" inserted guideways for extended machine life
- Complete electrics with low voltage controls for safer machine operation
- Yaskawa compact AC inverter drive
- Fan cooled electrical enclosure
- Heavy "Meehanite®" cast iron construction for excellent damping
- Huge box ways on knee
- Built in coolant system
- Power feed on knee (EVS550B)
- One shot lubrication

SPECIFICATIONS	EVS350B		EVS550B	
	Inch	Metric	Inch	Metric
HEADSTOCK				
Motor size (2 speeds)	3 H.P.	2 kw	5 H.P.	3.5 kw
Spindle speeds - number	Inf. variable		Inf. variable	
Spindle speeds - range (RPM)	0 - 4300		0-3650	
Spindle taper	R-8		#40	
Spindle travel	5"	125mm	5"	140mm
Spindle feed range	.0015 / .003 / .006 ipr		.0015 / .003 / .006 ipr	
Head movement side to side	±90°		±90°	
Head movement front to back	±45°		NA	
TABLE				
Table size (W x L x H)	10"x50"x3 1/8"	255x1270x80	11"x52"x3 1/8"	280x1320x80
Table feed (longitudinal)	36"	915mm	32"	825mm
Table feed (cross)	16"	405mm	16"	405mm
Maximum weight of workpiece	850 lbs.	386 kg		
OVERARM				
Rotation of overarm	360°		360°	
Overarm adjustment	22"	560mm	24"	610mm
Spindle nose to table	2 1/2" - 17 1/2"	65 - 445mm	2" - 22"	50 - 560mm
WEIGHT				
	2900 lbs.	1320 kgs	3740 lbs.	1700 kg

Accessories

- Oil gun
- Screw drivers
- Anchor bolts
- Draw bar
- Power draw bar (EVS550B)
- Open end wrench set
- Box end wrench set
- Hex key set
- R-8 collet set (EVS350B)
- Clamping kit
- Way covers
- Halogen work light

Included at no additional charge when ordered with mill

FOR MORE INFORMATION CALL
1-800-654-3262



WARRANTY: A copy of Summit Machine Tool Manufacturing Corp.'s standard written warranty is attached to each Summit Machine. Call or write to Summit for a copy or for further information concerning Summit's standard warranty. All purchases are subject to Summit's standard written warranty. Specifications are subject to change without notice.

POINT OF OPERATION guarding is the responsibility of the end user. For information contact your local OSHA office.

Summit Machine Tool Manufacturing Corp.
P.O. Box 1402 • Oklahoma City, OK 73101 • 405.235.2075 • FAX 405.232.5169
A Subsidiary of LSB Industries, Inc.
www.summitmachinetool.com