The Edge-Sweets Co - Model AV Fully automatic vertical band saw, utilizes a stationary table with a powered cutting head. This design allows for minimal floor space without sacrificing table size. Two-way cutting assembly maximizes cutting efficiency, while powered indexing of the double-fence ensures precision cutting.
STANDARD FEATURES
- PLC BASED OPERATOR TERMINAL WITH MULTI-BATCH CAPABILITY
- POWERED ADJUSTABLE UPPER BLADE GUIDE ASSEMBLY
- 40° HIGH LEFT FENCE WITH PROGRAMMABLE INDEX
- TWO-WAY CUT ASSEMBLY
- PNEUMATIC BLADE TENSION ASSEMBLY
- SAFETY PACKAGE

OPTIONAL FEATURES
- CARTER GUIDE ASSEMBLY
- PRECISION BLADE SHARPENER WITH AUTO-PROGRAMMABLE CYCLE
- MANUAL FRICTION SHARPENER
- PRECISION BLADE MAGNIFIER [PAIRS WITH PRECISION SHARPENER]
- FRICITION POWERED BRUSHES FOR BLADE PULLEYS
- DUST COVER FOR HEAD GUIDE LINEAR SHAFT
- MANUAL OR POWERED RIGHT-FENCE ASSEMBLY
- EXTEND CUT-WIDTH TO EXTREME RIGHT [84" OUTSIDE BLADE TO FENCE]
- RIGHT-SIDE AILRIFT ASSEMBLY [ASSIST BUN MOVEMENT]
- LEFT-SIDE FENCE OPTIONS [20" 508MM, 30" 762MM]
- RIGHT-SIDE FENCE OPTIONS [20" 508MM, 30" 762MM, 40" 1016MM]
- POWERED RIGHT-SIDE TURNTABLE WITH 90° ROTATION
- VACUUM ASSEMBLY FOR TURNTABLE
- MAIN CONTROL PANEL AIR CONDITIONER

HEAD ASSEMBLY SPECIFICATIONS
- VARIABLE SPEED POWERED CUTTING HEAD [UP TO 120FPM] [37M/MIN]
- HEAD TRAVEL LENGTH PROGRAMMABLE UP TO 120" [3048MM]
- TWO-WAY CUT ASSEMBLY WITH CARBIDE JAW GUIDE [CARTER GUIDE ASSEMBLY AVAILABLE FOR SET TOOTH BLADE]
- POWERED UPPER GUIDE ASSEMBLY

BLADE ASSEMBLY SPECIFICATIONS
- STANDARD BLADE: DOUBLE-EDGE BAND KNIFE [.020" 0.5MM]
- DOUBLE CUT WITH OPTIONAL FINE SCALLOP
- 16" [406MM] DIAMETER PRECISION BALANCED BLADE WHEELS WITH MOLDED URETHANE TIRE
- 3HP BLADE MOTOR WITH PULLEY DRIVE
- PNEUMATIC BLADE TENSION ASSEMBLY
- POWERED ADJUSTABLE BLADE GUIDE ASSEMBLY

TABLE + FENCE ASSEMBLY SPECIFICATIONS
- TABLE HEIGHT 32.5" [825MM]
- LEFT FENCE HEIGHT: 40" [1016MM] [OPTIONAL: 20" 508MM, 30" 752MM]
- PROGRAMMABLE POWERED FENCE INDEXING TO 1/8" [+/-.003]
- BLADE CHANGE ASSEMBLY LIFT MECHANISM
- TEFLO-N COATED TABLE SURFACE

CONTROLS + POWER REQUIREMENT SPECIFICATIONS
- OPERATOR CONTROLS MOUNTED ON FREESTANDING PODIUM
- PLC WITH FENCE POSITION READOUT + 6 BATCH CAPABILITY
- 240/480V 3-PHASE 60HZ WITH CONTROL CIRCUITS ON 24VDC
- OPTIONAL ELECTRICS AVAILABLE