

SOLUTION

marvel[®] VT5063 —SERIES—

VT5063M (2125M) • VT5063S (2125APC) • VT5063MW (2150M) • VT5063SW (2150APC)



Also Available In ▶
MARVEL CLASSIC



CAPACITY: 20" X 25"
OPTIONAL 1.25" OR 1.5" BLADE



AMADA[®]
AMADA MACHINERY AMERICA, INC.

THE WORLDS MOST POPULAR AUTOMATIC VERTICAL TILT-FRAME

marvel[®] VT5063 —SERIES—

OFFERED IN:

VT5063M (2125M) - 1.25" WIDE BLADE - SEMI-AUTOMATIC

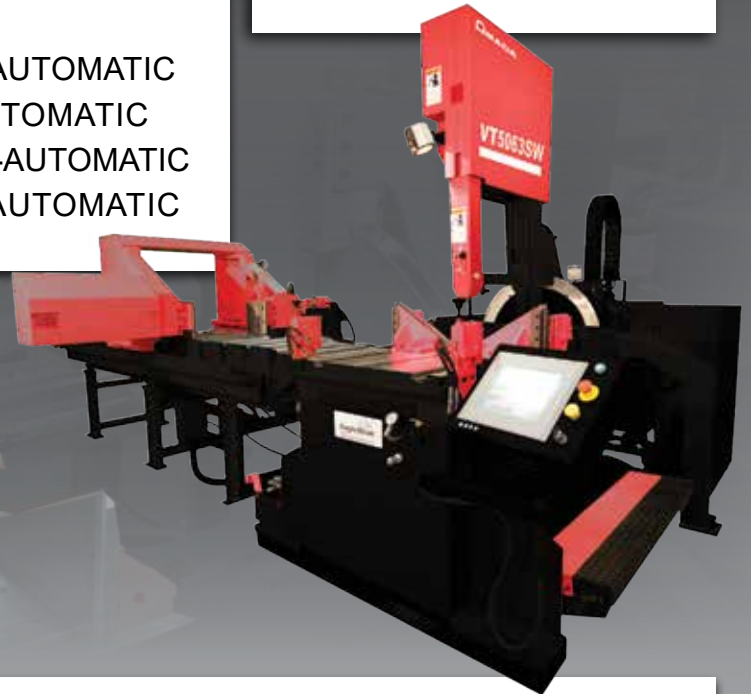
VT5063S (2125APC) - 1.25" WIDE BLADE - AUTOMATIC

VT5063MW (2150M) - 1.50" WIDE BLADE - SEMI-AUTOMATIC

VT5063SW (2150APC) - 1.50" WIDE BLADE - AUTOMATIC

OPTIONAL LONG STROKE SHUTTLE ▼

Provide indexing of single lengths of, 8', 13', or 18' as well as automatic cycling of shorter lengths.

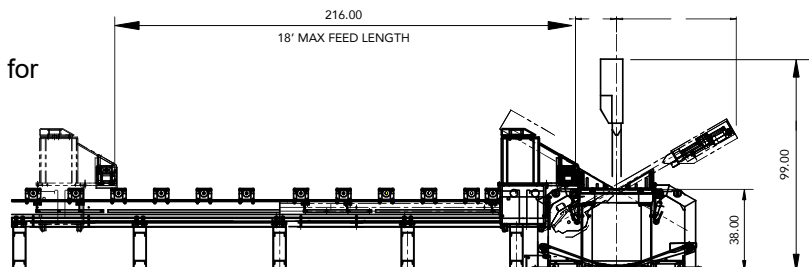
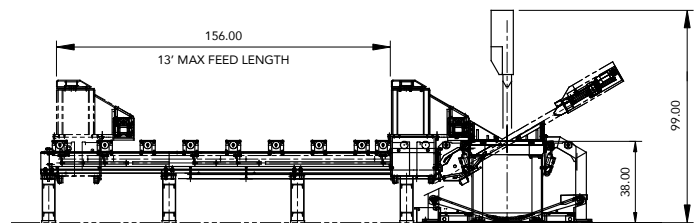
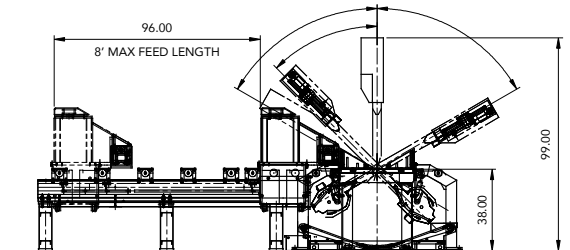


OPTIONAL LONG STROKE SHUTTLE

- Machine Tool Servo Technology is standard for the Series 2000 Marvel Vertical Bandsaw. Faster indexing and improved positioning controls provide for shuttle travel of 60 FPM with improved accuracy while greatly reducing cycle times.

- The heavy duty shuttle conveyor also features a servo motor, a low backlash gearbox, a precision gear rack, and a direct drive encoder. This state of the art index system also includes reduced remnant lengths through the use of offset vise jaws. To accommodate for crooked stock the rear jaws have also been made bi-directional.

- Optional extended feed systems are available for 8, 13, and 18 foot lengths.



*Pictures may include some optional equipment.

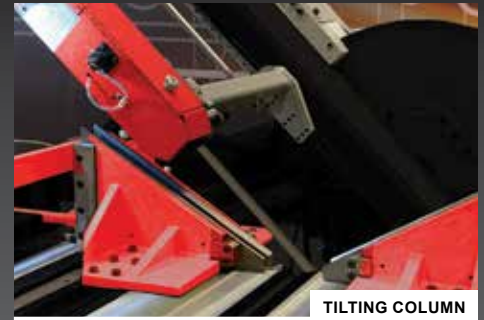
*Some safety equipment may have been removed or opened to illustrate products clearly and must be in place, and functioning, prior to operation.

STANDARD FEATURES

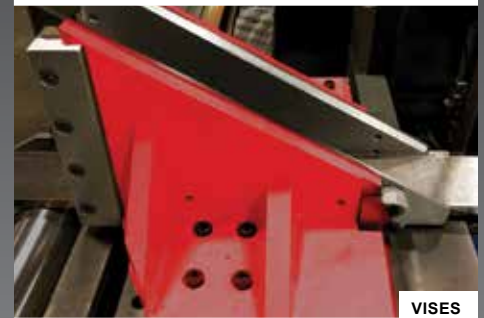
- **SPEED RANGE:** 30 to 500 FPM (9 to 152 m/min), 7.5 HP standard for VT5063S (2125APC) with 10 HP optional (modification M1) and 10 HP standard for VT5063SW (2150APC). Blade speed can be automatically set when material is selected.
- **TILTING COLUMN:** For miter cutting up to 60° left and right of vertical. Now with Electronic Tilt, the column is electrically powered with encoder feedback and PC3 touch screen controller for precision miter positioning.
- **0° OR 3° CANTED COLUMN:** Standard 3° forward approach angle, for increased efficiency in cutting of structural materials. NOTE: If the non-canted 0° option is required with a 1.25" blade, the VT5063MW (2150M) or VT5063SW (2150APC) must be purchased. The VT5063MW (2150M) or VT5063SW (2150APC) order must specify that the 1.25" blade is required with the non-canted option.
- **BLADE GUIDE:** Patent pending Rotating Easy Load Combination Carbide and Ball Bearing Roller guides with self-tensioning design.
- **UPPER BLADE GUIDE ARM:** Hydraulically positioned and locking, controlled by selector switch at operator's station.
- **FLUSHING HOSE:** Washes chips from hard to get at places reducing clean-up time.
- **WORK-REST ROLLERS:** Two turned ball bearing rollers, one on the entry side and one on the discharge side of the machine bed.
- **VICES:** Hydraulic, full stroking with 9-1/2" high x 15" wide 60° faceplates. Removable face plates without tools to allow for both miters and 90° at the blade.
- **PC3 PROGRAMMABLE CONTROL®:** Provides a Programmable Logic Control Unit with a 12" color, touch screen display. The control features graphical part programming with memory for up to 500 jobs and parts, as well as a material selection chart and customizable material library.
- **AUTOMATIC BAR FEED:** The patented automatic bar feed design features a 48" stroke length with indexing speeds of up to 60fpm. The bar feed is servo driven with encoder feedback, and combines precision double ball screws with preloaded recirculating linear guides, resulting in positioning accuracy of +/- .005" per index. Optional long stroke shuttles.
- **EAGLE BEAK VTR BLADE:** Eagle Beak VTR blade 17' 6" long x 1.25" wide for VT5063S (2125APC) and 18' 2" long x 1.5" wide blade for VT5063SW (2150APC), both with 3/6 tooth pitch. These are the standard blades that are included with machine purchase.

MOST POPULAR OPTIONAL FEATURES

- **F3: OUTBOARD VISE**
- **SGA1: SMART GUIDE ARM**
- **F4: SECOND MACHINE VISE**
- **M9A: VARIABLE VISE PRESSURE**
- **PC3SBN: BULLET NOSE CUTTING**
- **M4A: OPPOSITE HAND WORK ENTRY**
- **AUTOMATIC EXTENDED FEED SYSTEMS**
- **CUSTOM MATERIAL HANDLING EQUIPMENT**
- **M8M/M8: CHIP CONVEYOR - MANUAL or POWERED**
- **F8/F8A: HYDRAULIC HOLD DOWNS - MACHINE/SHUTTLE**



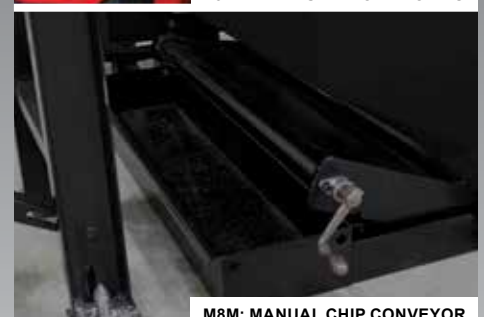
TILTING COLUMN



VICES



F8A: HYDRAULIC HOLD DOWNS



M8M: MANUAL CHIP CONVEYOR



M9A: VARIABLE VISE PRESSURE



UNIST COOLUBE

PRODUCT SPECIFICATIONS & DIMENSIONS

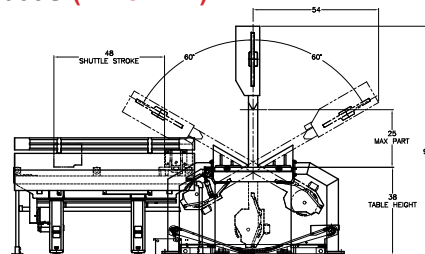
Marvel Series VT5063

Capacity	Rectangular Capacity	Round Capacity
Nominal	20" x 25" (508 mm x 635 mm)	20" (508 mm)
Blade at 45°	20" x 17" (508 mm x 432 mm)	17" (432 mm)
Blade at 60°	20" x 11.25" (508 mm x 285 mm)	11.25" (285 mm)

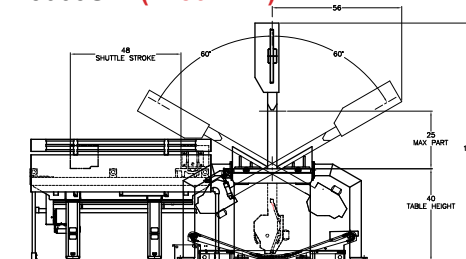
Speed Range	30 - 650 FPM (9 - 200m/min) - Infinitely Variable
Feed Force	0 - 350lbs (1560 N)
Blade Size - VT5063M/S	17' 6" x 1.25" x .042 (5334mm x 32mm x 1.07mm)
Blade Size - VT5063MW/SW	18' 2" x 1.5" x .05 (5537mm x 41mm x 1.27mm)
Blade Guides	Combination Roller Bearing/Carbide
Blade Tension	45,000 psi. max.
Blade Drive VT5063S	7.5 H.P., 1800 RPM
Blade Drive VT5063SW	10 H.P. (.1 kW)
Coolant Pump	1/8 H.P. (.1 kW)
Hydraulic Pump	5 H.P. (3.7 kW)
Hydraulic Oil	10 gallons (38 liters)
Cutting Fluid	2 gallons (8 liters)
Table Height VT5063M/S	38"
Table Height VT5063MW/SW	40"



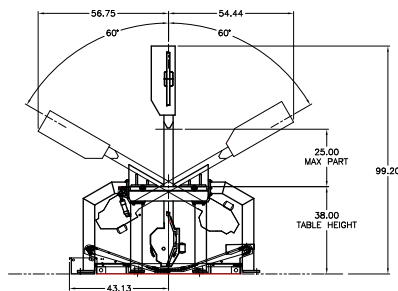
VT5063S (2125APC)



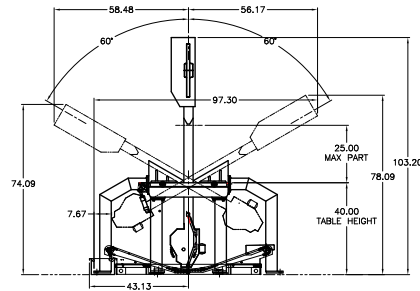
VT5063SW (2150APC)



VT5063M (2125M)



VT5063MW (2150M)



- ⚠ Before using this product, please read the operator's manual carefully and follow all applicable instructions.**
- When using our products, safety equipment is required depending on the operational task.

* Specifications, appearance and equipment are subject to change without notice by reason of improvement.
 * Please use the machine model name as VT5063S, VT5063M, VT5063SW, or VT5063MW, when applying for administration applications.
 * For any inquiries, please contact local Amada Machinery America, Inc. office.

© AMADA MACHINERY AMERICA, INC. All Rights Reserved.