

# SOLUTION

## marvel<sup>®</sup> —SERIES— VT7995

VT7995M (800M) • VT7995S (800APC)

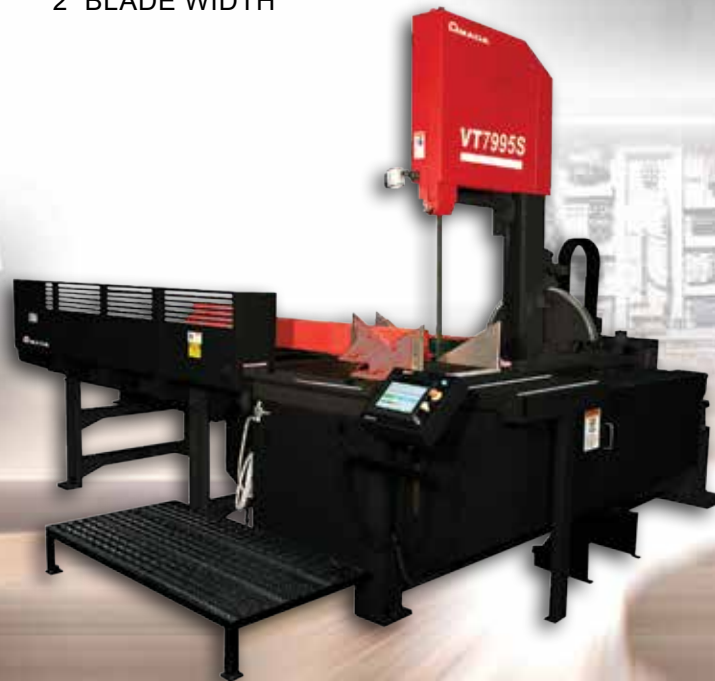


World's Largest  
Vertical Tilt-Frame

Also Available In ▶  
MARVEL CLASSIC



**CAPACITY: 31.25" X 37.5"**  
2" BLADE WIDTH



# WORLD'S LARGEST VERTICAL TILT-FRAME

## marvel<sup>®</sup> —SERIES— VT7995

VT7995M (800M) - SEMI-AUTOMATIC

VT7995S (800APC) - AUTOMATIC



Also Available In  
MARVEL CLASSIC



### ◀ LONG STROKE SHUTTLE

Optional Extended Automatic Feed System with 15 foot maximum single index (optional opposite hand shown).



## STANDARD FEATURES

- **SPEED RANGE:** Infinitely variable: 60 to 400 FPM (18.3 to 122 m/min), 15 HP Standard. Blade speed can be automatically set when material is selected.
- **TILTING COLUMN:** For miter cutting up to 60° left and right of vertical. Electronic tilt- The column is electrically powered, chain driven, with encoder feedback and PC3 touch screen controller for precision miter positioning.
- **0° OR 3° CANTED COLUMN:** Standard 3-degree forward canted head increases cutting efficiencies when cutting structural materials. An optional straight column for notching or cutting rounds and pipe.
- **BLADE GUIDE:** 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.
- **COOLANT SYSTEM/MANUAL CHIP CONVEYOR:** Built-in with Flood system, available with optional Drop Lubrication system (requires compressed air connection) (Option code ML2), including chip pan with manual hand crank type chip conveyor. A Flushing hose is included to wash away chips from hard to reach places reducing clean-up time. Coolant Capacity is 75 gallons (284L).
- **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° faceplate's. Optional variable vise pressure available (Option Code M9A).
- **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.
- **EAGLE BEAK SST BLADE:** Eagle Beak SST blade 25' long x 2" wide, with 3/4" tooth pitch. These are the standard blades that are included with machine purchase.

## MOST POPULAR OPTIONAL FEATURES

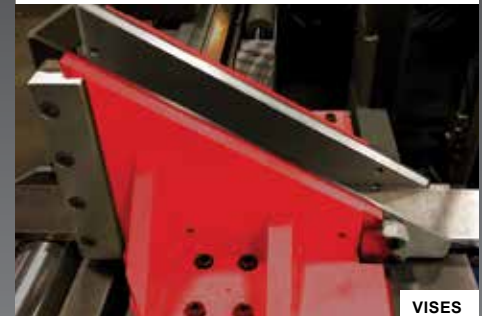
- **F3: OUTBOARD VISE**
- **SGA1: SMART GUIDE ARM**
- **F4: SECOND MACHINE VISE**
- **M9A: VARIABLE VISE PRESSURE**
- **PC3SBN: BULLET NOSE CUTTING**
- **OLP: OFFLINE PROGRAMMING**
- **M4A: OPPOSITE HAND WORK ENTRY**
- **M8: POWERED CHIP CONVEYOR**
- **F8/F8A: HYDRAULIC HOLD DOWNS - MACHINE/SHUTTLE**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

\*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.



TILTING COLUMN



VICES



F8A: HYDRAULIC HOLD DOWNS



LONG STROKE SHUTTLE



M9A: VARIABLE VISE PRESSURE



LARGE WORK TABLE FOR CUSTOM WORK FIXTURING

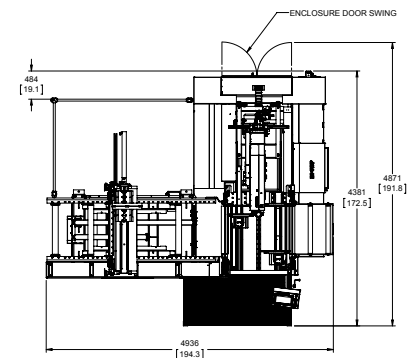
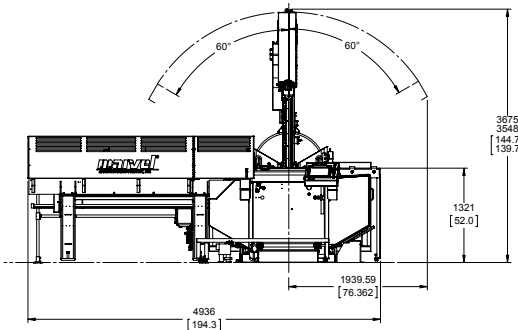
# PRODUCT SPECIFICATIONS & DIMENSIONS

## MARVEL SERIES VT7995

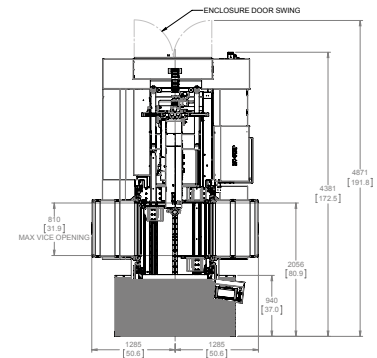
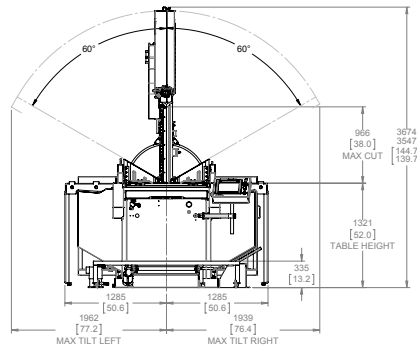
Capacity	Rectangular Capacity	Round Capacity
Nominal	31.25" x 37.5" (794 mm x 952 mm)	31.25" (794 mm)
Blade at 45° Right	31.25" x 25.5" (794 mm x 648 mm)	25.5" (648 mm)
Blade at 45° Left	31.25" x 24" (794 mm x 609 mm)	24" (609 mm)
Blade at 60° Right	31.25" x 17.5" (794 mm x 444 mm)	17.5" (444 mm)
Blade at 60° Left	31.25" x 15.75" (794 mm x 400 mm)	15.75" (400 mm)

Speed Range	60 - 400 FPM (18.3 - 122 m/min) - Infinitely Variable
Feed Force	0 - 350lbs (1560 N) - Infinitely Variable
Blade Size	25' x 2" x .063" (7620 mm x 51 mm x 1.6 mm)
Blade Guides	Combination Roller Bearing/Carbide
Blade Tension	32,000 psi. max.
Auto Bar Feed	72" Servo Driven
Blade Drive	15 H.P., 1800 RPM
Coolant Pump	1/2 H.P. (.37 kW)
Hydraulic Pump	5 H.P. (3.7 kW)
Cutting Fluid	75 gallons (284 liters)
Talbe Height	52"

### VT7995S (800APC)



### VT7995M (800M)



**⚠ 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 VT7995S or VT7995M, when applying for administration applications.  
 \* For any inquires, please contact local Amada Machinery America, Inc. office.

© AMADA MACHINERY AMERICA, INC. All Rights Reserved.