

VT3850A

**VT3850A**

Capacity

<b>Cutting Capacity</b>  (Standard Column with 3° Forward Cant )	Round (Diameter)	14.50" (at 0°) Right 13.50" (at 45°) Left 12.75" (at 45°) Right 8.75" (at 60°) Left 7.75" (at 60°)	368 mm (at 0°) Right 343 mm (at 45°) Left 324 mm (at 45°) Right 222 mm (at 60°) Left 197 mm (at 60°)
	Rectangle (W x H)	14.50"x20.00" (at 0°) 14.50"xRight 13.50" (at 45°) 14.50"xLeft 12.75" (at 45°) 14.50"xRight 8.75" (at 60°) 14.50"xLeft 7.75" (at 60°)	368 x 508 mm (at 0°) 368 x Right 343 mm (at 45°) 368 x Left 324 mm (at 45°) 368 x Right 222 mm (at 60°) 368 x Left 197 mm (at 60°)
	Maximum Vise Opening	15.25"	387 mm
<b>Work Load Capacity</b>		1000 lbs.	454 kg.

Blade and Vise Operation

<b>Saw Blade</b>	Dimensions (L x T x W)	16' x 0.042" x 1-1/4"		4877 x 1.1 x 34 mm
	Blade Speed	60-400 ft./min, Inverter		18-122 m/min, Inverter
	Tension Control	Hydraulic		
<b>Blade Control</b>	Cutting Control	Direct Force Sensing Electric Ball Screw with PC3 Programmable Control		
	Blade Feed Force	0 to 300 lbs.	0 to 1334 N	
<b>Vise Operation</b>	Type	Main Vise (Optional second vise is available to install.)		
	Control	Hydraulic, Half Stroking with 6.7" High x 11.4" Wide 60° Faceplates		

Motors

<b>Motors</b>	Saw Blade Motor	5 HP	3.7 kW
	Hydraulic Pump Motor	2 HP	1.5 kW
	Cutting Fluid Pump Motor	1/8 HP	0.1 kW
	Tilt Gear Motor	1/15 HP	0.05 kW

## Power Requirements

<b>Power Requirements</b>	Power Supply Voltage	AC230V±10% or AC460V±10%, 3 PH, 60 Hz, Voltage must be specified when ordering	
	Power Requirement	14.7 kVA	

## Cutting Fluid and Hydraulic

<b>Cutting Fluid</b>	Tank Capacity	26.0 gal.	98 liters
	Pump Type	Electric	
<b>Hydraulic</b>	Tank Capacity	14.0 gal.	53 liters
	Pressure Setting	725 psi	5.0 MPa

## Chip Disposal

<b>Chip Disposal</b>	Chip Conveyor
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## Material Index

<b>Standard Feed Vise</b>	Index Mechanism	Shuttle Vise	
	Material Index	Double Ball Screw by electrically driven	
	Feed Stroke	48.0"	1219 mm
	Remnant Length	19" plus length of parts	482 mm plus length of parts

## Dimensions and Weight

<b>Machine Dimensions (W x L x H)</b>	158.3" x 111.8" x 93.7"	4021 x 2839 x 2379 mm
<b>Table Height (Above Floor)</b>	40.0"	1016 mm
<b>Machine Weight</b>	5900 lbs.	1300 kg.

Specifications may change without notice at the sole discretion of Amada's Engineering Department.

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**Machine Standard Features**

**Optional Accessories**

---MIS Memo---