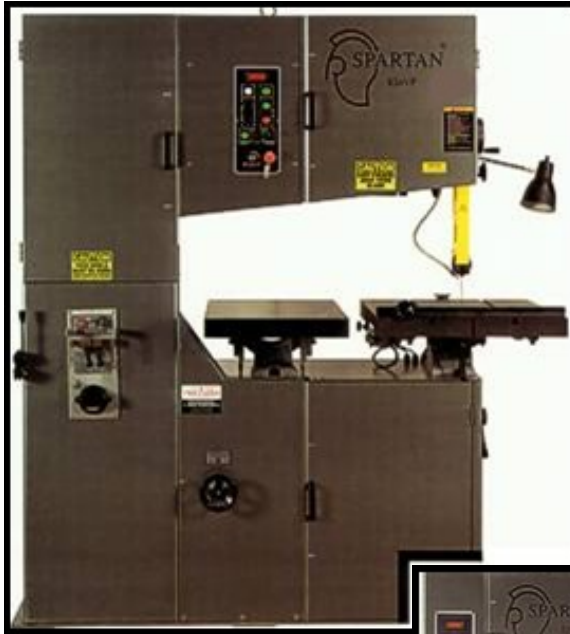




# S20V & S36V



## Salient Features

- 20" or 36" Throat Capacity
- 12" Height Capacity
- Handwheel and Lock for Movement of Upper Guide Arm
- Universal V-Type Carbide Blade Guides
- 3 H.P. Blade Drive
- Chip Blower
- 1/8"-1" Blade Capacity
- Welder-3/4" Capacity
- Grinder
- Annealer
- Rubber Coated Wheels
- Variable Blade Speed 50-5000 SFPM
- Two Speed Transmission
- Tilting Table 45R, 10L
- 40" Work Height

## Designed to Cut:

- Stainless Steel
- Tool Steel
- Aluminum
- Sheet Metal
- Carbon and Alloy Steel
- Brass
- Bronze



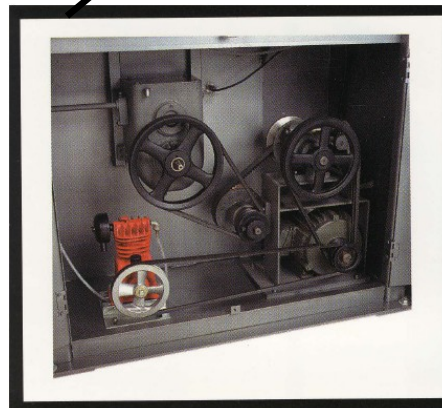
## Blade Wheels

Two balanced cast iron blade wheels (based on the 36" machine) are preloaded with ball bearing hubs to assure long life even when running at high speeds. The rubber crowned tire mounted on each wheel pressures the blade's tooth set.



## Blade Welder

The column mounted welder allows for making cut-to-length blades from coil stock, saving on blade cost, as well as allowing for internal cuts. The blade welder has a capacity of 3/4", and with the annealer, grinder, and blade shear, complete blades can be made quickly and easy.

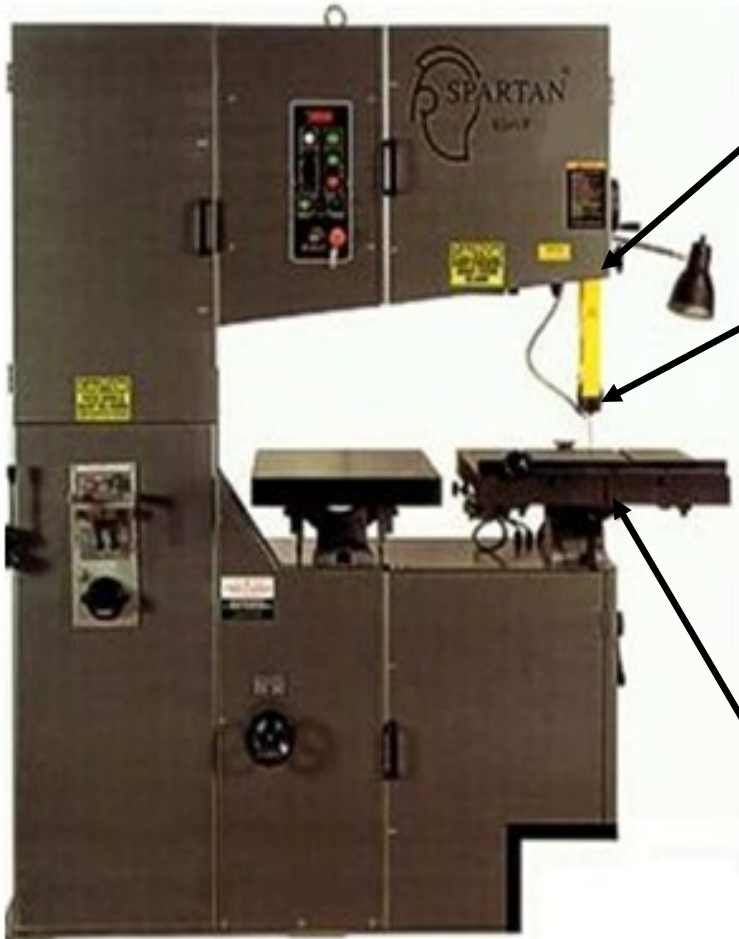
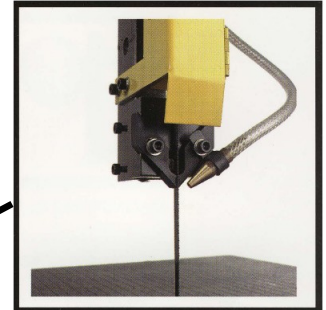
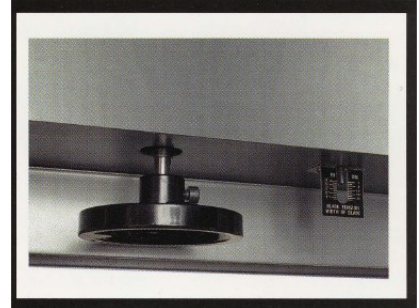


## Blade Speed

Blade speeds are adjustable 50-415 & 550-5000 SFPM ft./min. and are read out on an electric tachometer. The dual range transmission and variable pulley provide high torque and superior speed control and are powered by a 3 H.P. motor.

## Blade Tension

The manual blade tension has a blade tension indicator for adjusting to the proper tension on varying width blades. The blade tension hand wheel makes blade take-up easy while the tension indicator assures that the correct blade tension is achieved on varying blade widths up to 1".

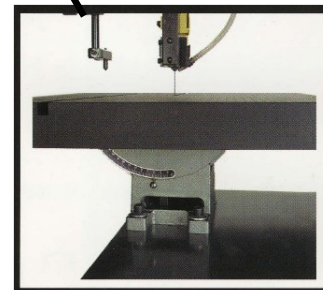


## Blade Guides

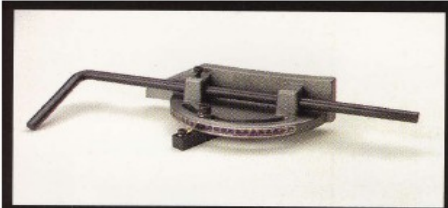
The universal V-Type carbide blade guides have an adjustable back up to accommodate blade sizes from 1/8"-1". This eliminates the need to change blade guides for varying widths of blades. A post elevation hand wheel and lock make guide arm positioning fast and easy to a maximum height of 12".

## Cast Iron Table

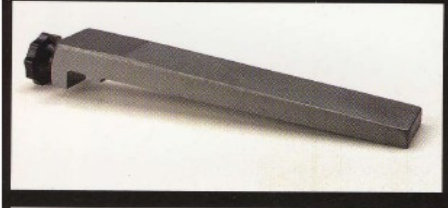
The cast iron table capable of supporting up to 800 lbs. can tilt 45 degrees to the right and 10 degrees to the left. Table size 23-1/2" x 27 1/2" with a 17-1/2" x 27-1/2" auxiliary table standard on the 36" machine. Table height is 40"



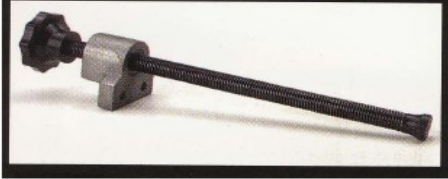
## Optional Equipment :



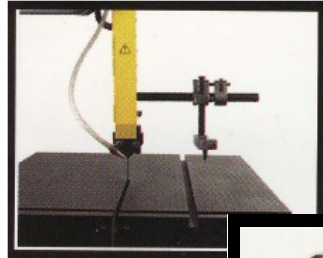
Miter Protractor



Rip Fence



Manual Feed Screw



Circular Cutting Attachment



Magnifying Glass

Specifications	S20V	S36V
Throat Capacity	20"	36"
Max. Work Height	12"	12"
Table Size	23 1/2" x 27 1/2"	23 1/2" x 27 1/2" & 17 1/2" x 27 1/2"
Blade Width	.125"-1"	.125"-1"
Table Tilt	45° right, 10° left	45° right, 10° left
Blade Speed	50-415 & 550-5000 SFPM	50-415 & 550-5000 SFPM
Blade Guides	V-Type Carbide	V-Type Carbide
Blade Tension	Manual	Manual
Blade Welder Capacity	0.125" - 0.75"	0.125" - 0.75"
Drive Motor	3 H.P.	3 H.P.
Machine Wt.	1300 lbs	1760 lbs

	A	B	C	D	E	F	G	H	J
S20V	80"	43"	32"	40"	20"	23-1/2"	27-1/2"	N/A	12"
S36V	81"	68"	32"	40"	36"	23-1/2"	27-1/2"	17-1/2"	12"



Marvel Manufacturing



Marvel Mfg



@MarvelMfg

[www.marvelsaws.com](http://www.marvelsaws.com)

Corporate Office & Service Center  
 3501 Marvel Drive  
 Oshkosh, Wisconsin 54902  
 Phone: 920.236.7200  
 Fax: 920.236.7209  
 Email: [sales@marvelsaws.com](mailto:sales@marvelsaws.com)