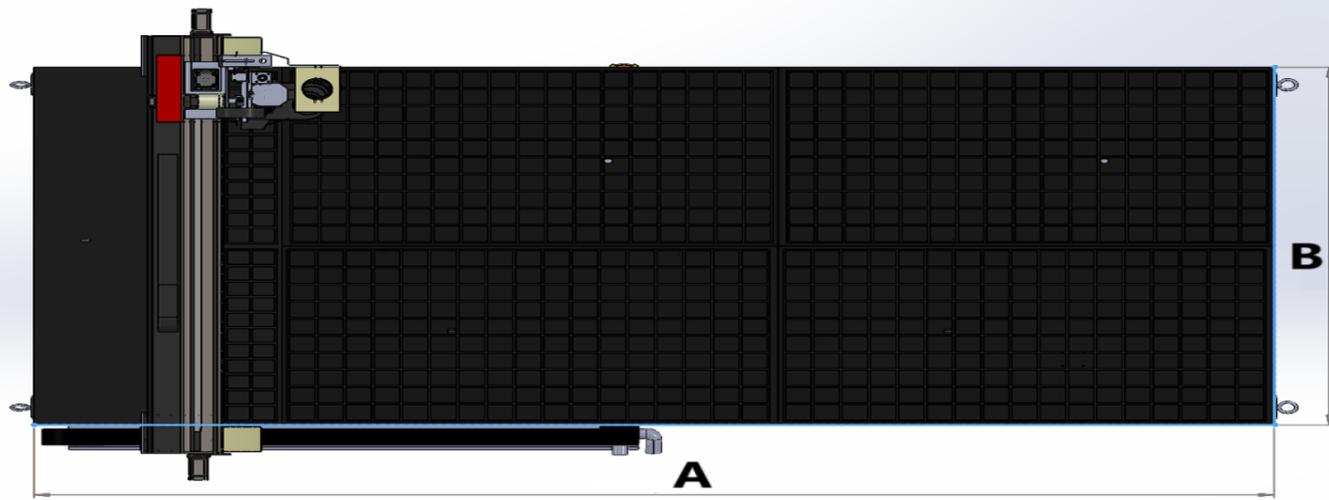


■ Machine Drawing

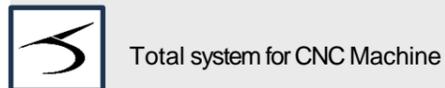


■ Machine Dimension

Model	A (mm)	B (mm)	Height (mm)	Beban Max (kg)	
RT Series	2100	2500	1500	700	150
	2320	3000	2000	-	150
	2520	5000	2000	-	150
	2101	2500	1500	-	250
	2321	3000	2000	-	250
	2521	5000	2000	-	250

■ Specification

Type	Verelon Type	
	Only	Gas / Plasma cutting
Main body (gantry type)	Dual-side drive	
Effective cutting width	1.5 / 2 / * 3 m	
Effective cutting length	Rail length - 1,500mm	
Drive method	Rack and pinion drive for X and Y axes	
Torch mounting system	Steel bolt connection system	
Cutting speed	Maximum 3000mm/min	
Rapid / Marking speed	*1 m/ min	2 m/min
CNC system	D 600	D-500 / D 650
Cutting capacity	0.8 – 150 mm	Depend on plasma used
Torch quantity	Maximum : 2 sets	Plasma : 1 set / Gas : 1 sets (Maximum)
Minimum torch distance	125 mm	
Machine color	Yellow (main body)	



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SERVICES

one week labor (workers) training.

6 month guarantee for electrical part.

VISION

Establish machine building processing plant to support Local machine availability

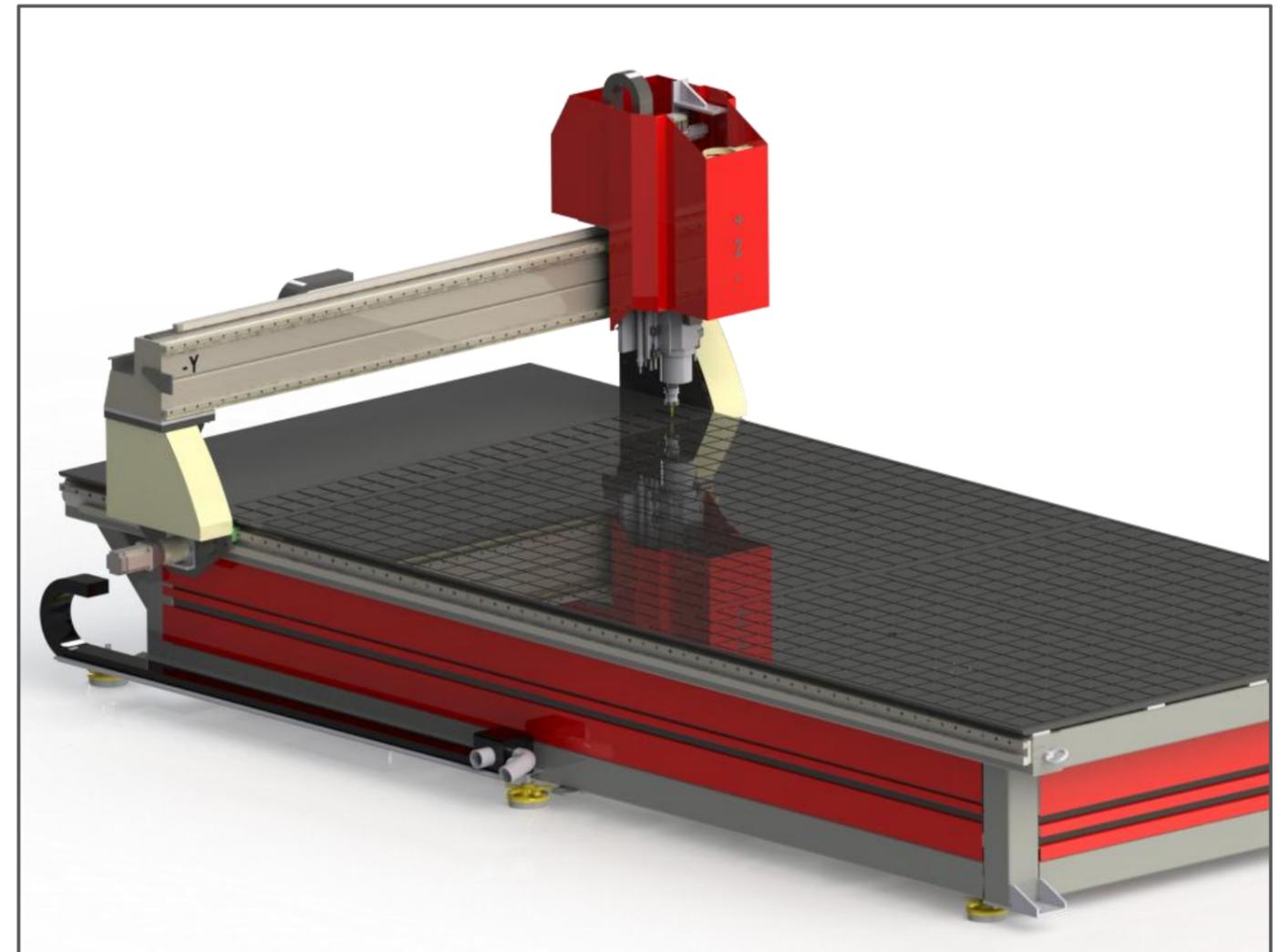
PT. Automation Industrial Nusantara

Sales Division
Tel : +62 858-5441-1348

Specifications shown here in are subject to change without notice

CNC Gas & Plasma Cutting Machine Portable

VERELON



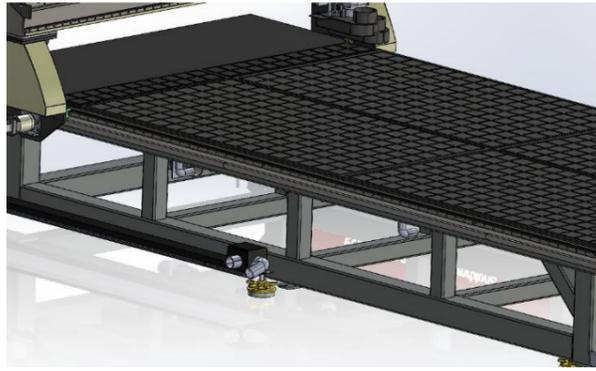
RS Series of CNC Cutting Machines Portable
Within a range of 1.2m to 3m

- High performance and efficiency to meet a wide range of requirements
- 3 models available
- Effective cutting widths: 1.2 x 2.4 Meter
- Precision machined steel rails for longitudinal axis
- Extendable cutting length

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Machine Outline

Solid Structure Designed for Precision



- The body has a gantry structure and single-side and dual side drive systems are available. Work proceeds smoothly at all times since the body is well balanced and very responsive.
- Rack and pinion drive is used for both the cross (X axis) and longitudinal (Y axis) directions, for speedy and accurate NC advance.
- The running speed is <1000 mm/min. maximum cutting speed is 3000 mm/min.
- Highly accurate, smooth operation is assured with precision machined steel rails and a stable longitudinal drive mechanism.
- The rail length can be extended in increments of 3 meters.

CNC Controller with Advanced Functions For Enhanced Productivity and Efficiency. SF-2100C for Gas/Plasma



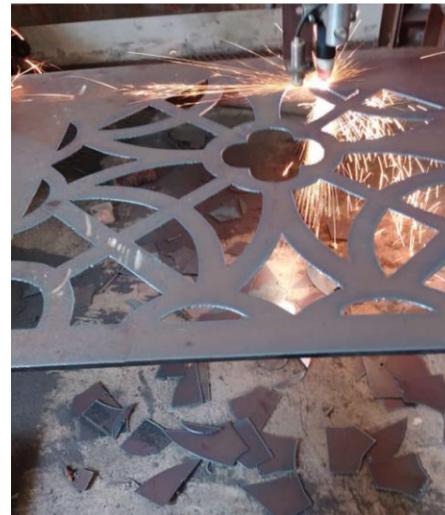
- A new operator using this controller will be quickly transformed into a skilled worker because he can easily learn to operate the cutting machine with the touch panel controls.
- The controller has 60 built-in standard shapes that can be cut immediately after inputting desired dimensions.
- The SF- series can easily communicate with other devices using its networking capabilities. Serial transmission is also available.
- The controller will accept both EIA and ESSI format as standard, making NC programming easy. If special requirements exist, these can be easily accommodated.

Mountable Plasma Unit

High-quality & precision plasma cutting unit RS-100 Series

- Verelon high-quality super (perpendicular) cutting plasma.
- Perpendicular cutting with no drag line delay results in clean corner cutting without rounding on the top or bottom surfaces.
- Common line cutting of mild steel 6mm or less in thickness is supported.
- High-quality, highly accurate cutting of mild steel, stainless steel, or aluminum plate.
- Special control of the flow of gas and electric current dramatically extends the service life of the electrodes and tip.

Rated input voltage	220 Volts , 1-phase, 50 / 60 Hz
Rated output current	30 to 400A
Rated usage ratio	100%
Maximum recommended plate thickness	36 mm (mild steel) Quality Cut 36 mm (stainless steel, aluminum)
Gas	Steel: Oxygen, air Stainless steel / aluminum: Nitrogen, argon / hydrogen
Torch	Dual Option Gas-Oxy or Plasma
Power supply dimensions	339(D)x 489(W) x 782(H)mm
Weight	210kg



General-use Plasma Cutting Unit RS-100

- Suitable for cutting many different metals (mild steel, stainless steel, etc.).
- Suitable for Dry
- The sealed torch tip design eliminates double arc formation.
- IC control maintains a fixed output current at all times.
- Extended continuous operation is possible at 200 A with a 100% duty cycle.

Rated input voltage	400 or 200 Volts, 3-phase, 50/60 Hz
Rated output current	40 to 200 A
Rated usage ratio	100%
Maximum recommended plate thickness	Up to 25 mm: quality cut 26 - 50 mm: separation cut (mild steel, stainless steel, aluminum)
Gas	Oxygen & Propane
Torch	Water-cooled torch (built-in cooler unit)
Power supply dimensions	1,040(D)x710(W)x1,090(H)mm
Weight	350kg



Linear Guide



High-speed accuracy is achieved with linear guide ways and slides to the X-direction main drive carriage and sub-carriages.

Triple Bevel Torch block (SP 400)

Operation Panel

Using HMI and USB.



SF-2100C Control with dual processor

For Gas/Plasma & Twin Plasma torch.

Hi-Low Preheat gas control unit

Centralized control station groups all control and operating functions in a single location, convenient to the operator.

Hi-Low Pre-heat Control unit

Standard Hi-Low Pre-heat Control provided on the Maxigraph shortens time required to preheat plate before piercing Perfectsetting of pre-heat flame is easy.

Content

CNC cutting with gas-oxygen and plasma methods are two techniques commonly used in the manufacturing industry to cut a variety of materials. CNC gas-oxygen cutting uses a combination of oxygen gas and fuel to produce a flame that is hot enough to cut metals such as steel. This method is ideal for cutting thick materials with precise results.

Meanwhile, CNC plasma cutting uses ionized gas produced by high-speed electricity to cut metal. This method is very efficient and is suitable for cutting thinner materials and producing smoother cuts. Both techniques provide flexible and efficient solutions for a variety of cutting needs in the industry.

- Triple bevel gas beveling block
- Twin cutting attachment
- Bevel cutting attachment

- Forward / Backward adjuster
- Mirror image cutting device
- Extension rails in lengths of 3M units