More than 40 YEARS of Experience

JP-AC135SR
Servo ARMS Vinyl Cutter 135 With DragonCut And Basket

Automatic registration mark detection, the registration marks are detected automatically

Sabinecolors Servo Contour ARMS Vinyl Cutter. This is the contour servo version of the Sabinecolors vinyl cutters with an ARMS system for automatically reading the contour position on your vinyl. The servo contour vinyl cutter is driven by servo motors. Servo motors are much quieter than stepper motors. They are more accurate, faster and more powerful for cutting thicker materials. Cuts a variety of materials including sign vinyl, heat transfer material, stencil material and other liner backed materials.

For ARMS systems we highly recommend Dragon Cut!! Includes Dragon Cut and Basket

The AC135SR servo vinyl cutter is the best choice for classroom and office environments as the servo motors are very quiet. It is an upright cutter driven by servo motors. With a maximum clearance of 53.1", this cutter is perfect for running 15" to 48" vinyl. Perfect for running sign vinyl, heat transfer material and a variety of other release liner backed materials. With servo motors driving the media, this cutter is capable of cutting thicker materials. This version of the servo cutter includes an ARMS system for automatically registering the vinyl to the cutter.

Servo ARMS, Automatic Registration Mark System
● High force cutting head with 4 wheels
● Aluminum alloy construction, ABS end caps, welded steel stand
● Straight-line Max. Speed: 37.8 inches/s (960mm/s)
● Curve Max. speed: 23.6 inches/s (0-600mm/s)
● Motor & Driver: DC servo
● Motor power: 25watt
● Servo motor speed: 0-3500 RPM
● 0-3000 RPM time: < 20 MS(idle load); <1200 MS(working)
● Encoder signal: physical 1016 line/ round, logical 4064 line/round
● Max. force: 1.65lbs [750g (3g/step)]
● CPU: 64bit DSP 32M Flash
● Mechanical Resolution: 0.0005 inches/pulse (0.01254 mm/pulse)
● Repeating Precision: 0.003 inches (0.082 mm)

Item No.	JP-AC135SR
Max. media width	1350mm
Max. cutting width	1260mm
Accuracy	+/- 0,01mm
Connectors	USB/RS-232
Drive	DC Servo
Power consumption	< 100W
Ambient temperature	+5°C - +35°C
Meas	160 x 34 x 41cm
G.W./N.W.	38.0/35.0kgs

- Motor: Servo
- Maxumum Cutting Width (mm): 1260
- Maximum Media Width (mm): 1350
- Measurements (cm): 160 x 41 x 34
- Gross Weight (kg): 38
- Net Weight (kg): 35
- Feed System: Direct Pull
- Construction: Aluminum Alloy, ABS End Caps
- Maximum Drawing Speed (mm/s): 960
- Maximum Cutting Speed (mm/s): 960
- Control System: Servo Motor
- Power (w): 25
- Tracking: 3
- Maximum Force (g): 750
- Maximum Force Increment (g/step): 3
- Mechanical Resolution (mm/pulse): .01254
- Connections: RS-232, USB
- Power Supply: AC 110V-240V / 50-60HZ 6A
- Maximum Noise (dB (A)): 35
- Ambient Temperature Range °C: 5 - 35
- Command Language: HPGL
- Media: Release liner backed materials, magnet, stencil
- Pen Included: Yes
- Included Blades: 30°, 45°, 60°
- Packaging: Machine in carton box, stand in carton box, two carton boxes are individual
- Computer Connection: True USB, no driver needed, direct connection to USB Printer
- Carriage Type: Cutting head with 4 wheels
- Contour Cutting: Laser sensor, automatic ARMS
- Straight Line Speed (mm/s): 0 - 960
- Curve Speed (mm/s): 0 - 600
- Motor Speed (RPM): 0 - 3500
- 0-3000 RPM Time Idle Load (miliseconds): 20
- 0-3000 RPM Time Working Load (miliseconds): 1200
- Encoder Signal Physical (line / round): 1016
- Encoder Signal Logical (line / round): 4060
- Processor (bits): 64 DSP
- Processor Flash (M): 32
- Accuracy (±mm): .01
- Repeating Precision (mm): .082
- Stand Availability: Upright
- Basket Availability: Yes
- Standard Warranty: 3 Year Parts And Labor
- Perf Cut Capable: No
- CE Certification: Yes
- Compatibility PC: XP, Vista, 7-32, 7-64, 8-32, 8-64
- Compatibility MAC: Yes
- Software - SignCut: PC, Mac
- Software - DragonCut: PC, Mac with BootCamp
- Software - Flexi: PC
- Software - ArtCut: PC
- Software - VinylMaster: PC, Mac with BootCamp
- Software - WinPC Sign: PC
- Software - Onyx: No
- Software - Plug In Driver: Direct Plug In Driver, PC only
- Software - Stencil Cutting: No