(JP-135SR/A2)
DC Servo Vinyl Cutter/Cutting Plotter

This is the basic model of the servo vinyl cutter series in 48" upright version. The servo vinyl cutter series is driven by servo motors. Servo motors are more accurate, much quieter, faster and more powerful. This version includes a laser alignment system for registering your vinyl to the cutter for performing contour cutting.

Carriage with Laser | Inside of Left | Inside of Right | Wheel | Key Board | Power | USB/RS-232
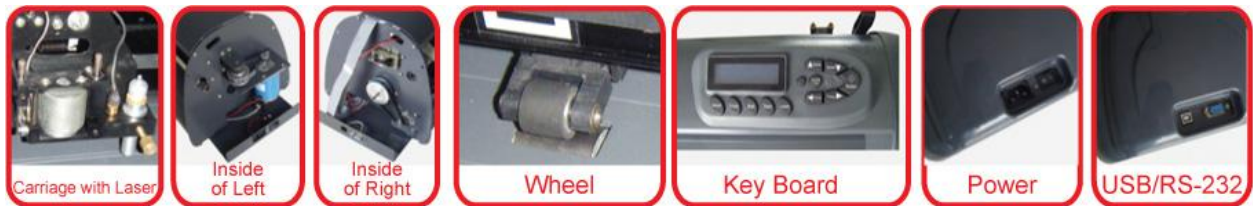
The 135SR/A2 servo vinyl cutter is the best choice for classroom and office environments as the servo motors are very quiet. It is an upright cutter driven by servo motors. With a maximum clearance of 53.1", this cutter is perfect for running 15" to 48" vinyl. Perfect for running sign vinyl, heat transfer 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 includes a laser alignment system for registering your vinyl to the cutter for performing contour cutting.

Motor: Servo
Maximum 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 target, semi-manual
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
Color: Grey / Grey
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

- Aluminum alloy construction, nice ABS sides
- Has control of increased cutting speed and laser sensor model
  which has contour cutting
- Straight-line Speed: 50-1150mm/s
- Curve speed: 50-600mm/s
- Motor& Driver: DC servo
- Motor power: 25watt
- Guaranty 5-meter tracking.
- Servo motor speed: 0-3500RPM
- 0-3000RPM time: < 20 MS(idle load); <1200 MS(working)
- Encoder signal: physical 1000line/ round, logical 4000line/round
- Force: 50-500g(10g/step)
- Memory: 512K/4MB
- CPU: 64bit DSP 32MFlash
- Mechanical Resolution: 0.01254mm/pulse
- Repeating Precision: 0.082mm
- Interface: RS-232 / USB
- Format: DMPL/HPGL
- Power: AC110V-240V / 50-60HZ 6A
- Machine power: < 100watt
- Operation acoustic noise level: 65 dB (A) or less
- Standby acoustic noise level: 30 dB (A) or less
- Environmental temperature: 2 - 35℃
- Environmental Humidity: 30％－70％（no congeal water）
- Max. feeding Width: 1350mm
- Max. cutting width: 1260mm
- Packing: 1pcs/inner, 1pcs/export carton
- Meas: 158x32.5x36cm
- G.W./N.W.: 33/31kgs