

SIENNA[™] 300 Series

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LASER WIRE STRIPPER

SIMPLIFY MANUFACTURING INCREASE PRODUCTIVITY – REDUCE COST

From Spectrum Technologies - the global leader in laser wire processing systems

The Mark of Excellence

SIENNA[™] 300 SERIES



HIGH POWER DUAL BEAM LASER WIRE STRIPPERS

The SIENNA 300 series is the higher power version of the SIENNA 200 CO2 infra-red laser wire stripping systems designed and manufactured by Spectrum Technologies.

SIENNA 300

SIENNA 300 series systems are bench-top systems suitable for processing wire and cable with tougher, higher resistance insulation materials, as well as the more standard wire and cable used in electronics manufacture.

The systems have laser beam focussing heads at the top and bottom of the tooling fixture allowing the beam to alternate between the two, to process above and below the wire.

The systems are available in two laser powers: 25 or 50 Watt, and in two configurations : single axis where the laser head has only one direction of movement; or dual axis where there are two axes of movement.

Speed and laser power are easily adjusted using the integrated control keypad on the single axis and fixed beam versions; the dual axis version can also be programmed and controlled by PC.



• High quality and damage-free - the laser is reflected off the conductor, plating, or other metallic surfaces

- · Easy and clean stripping of tough insulation materials
- Accurate
- Repeatable

• One machine for all wire configurations - single wire, twisted pairs, coaxial and ribbon cables

Processes multiple wires or cables simultaneously

• Laser strips high temperature, hard or soft insulation materials effectively

• End strips, window strips and other patterns easily performed in one operation

 Increased job storage on dual axis versions with to PC software

• All SIENNA systems are Class 1 laser products for use on open shop floor, unless otherwise stated

- Complies to CAT 3 electrical safety category and all CE marking and FDA regulations
- Technical helpline operating across the global clock
- Operational training for Production and Technical personnel carried out at installation
- One machine for all wire configurations single wire, twisted pairs, coaxial and ribbon cables
- Maintenance contracts available to keep systems operating at optimum performance

• Worldwide customer support from a dedicated team of Field Service Engineers or by fully trained Service Agents

Higher power laser options

SIENNA™ 300 SERIES

Summary specifications

Dimensions L x W x H 1045 x 605 x 510 mm (41" x 24" x 20") Weight 65 Kg (143 lbs) Options ACS-5 air cleaning system To comply with health and safety requirements, air exhaust must be provided when using any laser wire stripper. If this is not available in your factory, Spectrum's ACS-5 systems remove all smoke, odours, particles and fumes from the laser stripping area and return clean air to the room. Image: Complex c						
Less Class 1 Class 3 Configuration Single axis Dual axis Single axis Dual axis Control Microprocessor with keypad Wire Types Strip e conte wires Translating axis Microprocessor with keypad Microprocessor with keypad Microprocessor with keypad Microprocessor with keypad Wire Strees	Model	SIENNA 325S	SIENNA 325D	SIENNA 350S	SIENNA 350D	
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