



Laser Wire Marking System

Tri-Star Technologies has partnered with Schleuniger to create a fully integrated laser wire marking system. Tri-Star Technologies is a leader in laser wire marking for military and aerospace applications. They developed a special version of their popular M-100LFG Series UV laser wire markers that can be fully integrated with Schleuniger's line of cut and strip machines. The fully integrated system is controlled by Schleuniger's CAYMAN wire processing software.

- Marks any UV laser markable wires including Kapton, Tefzel and Teflon insulated wires and cables
- System controlled via Schleuniger Cayman wire processing software
- Apply marks anywhere along a wire or cable
- No waste when running wires in a wire list
- Print in any font, size and orientation
- Meets mil-spec MIL-W-5088, AS-5088L, BAC5152 and SAE ARP5607

MARKING

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Concept

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Function

The laser wire marking system marks the wire using a UV laser, cuts the wire to length and strips both ends. Additional accessories are available for coiling or stacking the finished wires.

Technical Specifications	
Wire size range	0.13 – 13.0 mm ² (26 – 6 AWG)
Cable diameter range	0.75 – 10 mm (.030 – 0.394")
Maximum marking speed	Up to 0.5 m/s (100 ft/min), depending on font size
Electrical power	120 VAC, 6 amps
Dimensions (L x W x H)	671 x 356 x 620 mm (26.4 x 14.0 x 24.4")
Important note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.