

UV Laser Wire Processor XY2100



Quality on the Line

TAYMER

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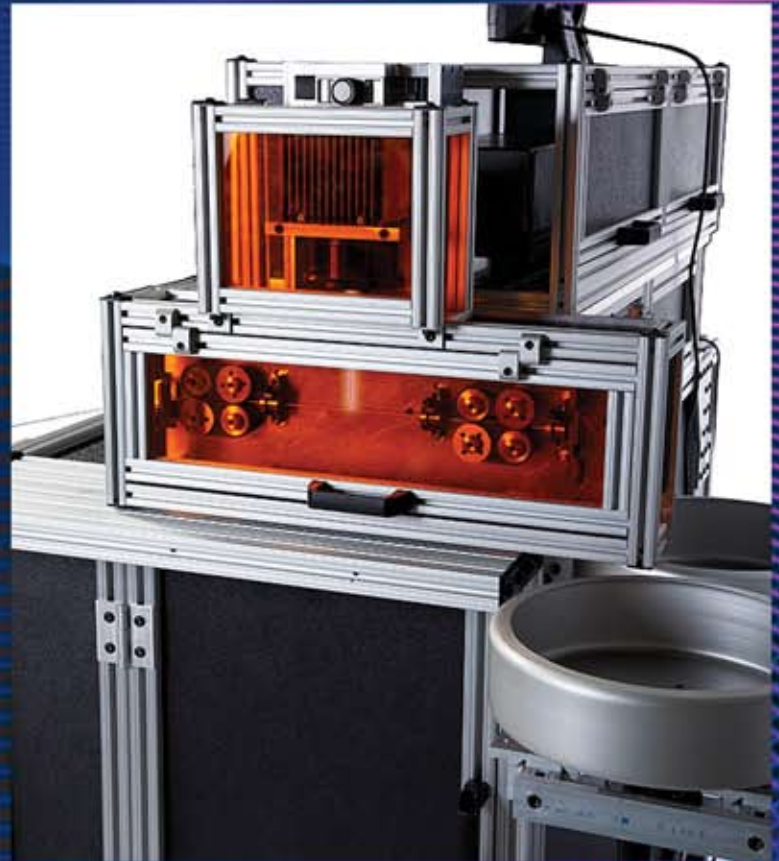
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UV Laser Wire Processor

UV Laser Permanent Printing Solution for Military and Aerospace Wire Harness Fabricators

Taymer's UV Laser Wire Processor combines permanent laser marking technology with wire processing functionality to provide wire harness manufacturers with a complete MIL spec wire processor.

Our Laser printer includes print job database software that can pull information from external files and databases, allowing your operators to simply and easily retrieve job data from corporate databases, reducing keying errors and allowing storage and retrieval of legends, precise length measurement data and more.



The UV Laser printer is a full function wire processing solution. It includes an integrated despooler, cut to length capability as well as dual coiling pans for your finished product. The dual coiling pans double productivity for short harness wire production by allowing the laser to keep printing while the operator processes the previous job.

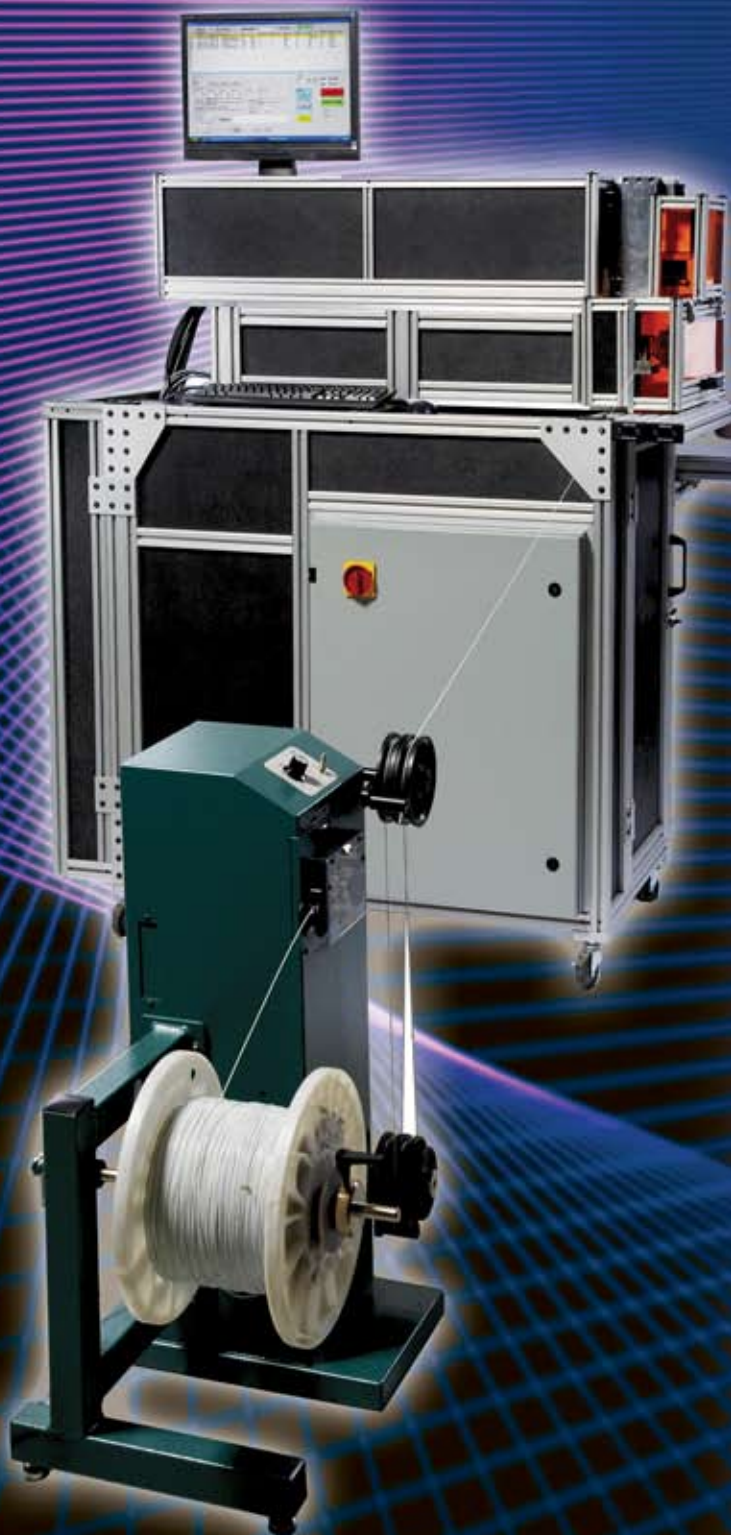
An Industrial PC controls the entire process and can be put on your corporate LAN for remote print job viewing and management.

Contact us today for full details.

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UV Laser XY2100 Features



- Unlimited font sizes and any character or graphic can be printed
- All American laser components minimize downtime and ensure high quality markings.
- Dual coiling pan doubles productivity
- Meets military and aerospace legibility and durability printing requirements
- 100 feet (30 meters) per minute line speed
- Queuing of print jobs allows for automated legend changeover
- Data can be retrieved from an MS Access / SQL database or an MS Excel spreadsheet
- Database includes legend information, print character size, cut lengths and quantities
- High resolution encoder ensures accurate legend placement, spacing and high quality characters
- Operator friendly interface

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UV Laser XY2100 Specifications

Print Specification	Complies with BAC 5152, MIL-M-81531, MIL-W-5088L (AS50881) Confirms to SAE ARP5607
Line Speed	100 feet per minute 30 meters per minute
UV Laser	Frequency tripled, Nd:Yag Laser
Wavelength	355 nm
Wire Diameter	26AWG to 6AWG (Standard) 0.030" to 0.250" (up to 0.350" optional) 0.76mm to 6.4mm, (up to 9mm optional)
Jacket materials	Nylon, PVC, HDPE, XLPE, Teflon, PTFE TKT/TK wires: BMS 13-60, M22759/80-92 ETFE, XL-ETFE: BMS 13-48, M22759/32
Wire Processing Features	Prefeed, Cut to length, Dual Coiling Pan Optional Integrated Laser Stripping
Industrial PC	Dual-Core Processor, Windows 1GB RAM, 100GB HDD Flat-Screen Monitor
Software platform	Windows .net, 32 bit/ 64 bit MS Access/ SQL database
Database Fields	Legend, Fontsize, Print Interval, Line speed thresholds for UV light power and many more
Communication	Serial Port Ethernet
Power requirements	110 VAC 16A, single phase, 50/60 Hz
Compressed air	80-100 PSI, dry
Machine weight	600 lbs. (272kg)
Machine Dimensions	73" x 63" x 73" (L x W x H) 1854mm x 1600mm x 1854mm
Mounting	Caster wheels with leveling bolts



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