



# uly|s modena

EXTREMELY FAST AND RELIABLE UV LASER WIRE & CABLE MARKING

## PIONEER WITH 20 YEARS OF EXPERTISE

The LASELEC R&D team developed in 1989 the world's first Nd-YAG UV laser wire and cable marking system.

## NON-AGGRESSIVE AND PERMANENT MARKING

UV laser marking produces clear and permanent marks by tanning the cable insulation. It can mark colored and sleeved cables and it is the only method to mark fluoropolymer insulations (i.e. Teflon\*) in a satisfactory way. Unlike outdated techniques such as hot stamping, UV laser provides an extremely resistant mark without damaging the wire insulation. It precisely fits the needs of the aerospace industry to mark thin insulated cables in a safe manner and it ensures high productivity rates as cables are marked 'on the fly'.

Because it provides customers with fast and reliable marking and does not require any essential pre- or post-treatment of cables, UV laser has established itself as the marking technique. The auto-calibration feature of LASELEC's Nd-YAG UV laser allows the ULYS™ series to be promptly available for operation. Easy to use, clean and respectful of the environment, the UV laser provides safe and permanent marking while its convenience dramatically reduces operating costs and maintenance.

\*Teflon is a Registered Trademark of Du Pont.

## END-TO-END EXPERTISE

LASELEC develops and manufactures the laser source as well as the complete UV laser marking system. As such we control all our supplies to ensure that our equipment does not become obsolete after a few years.

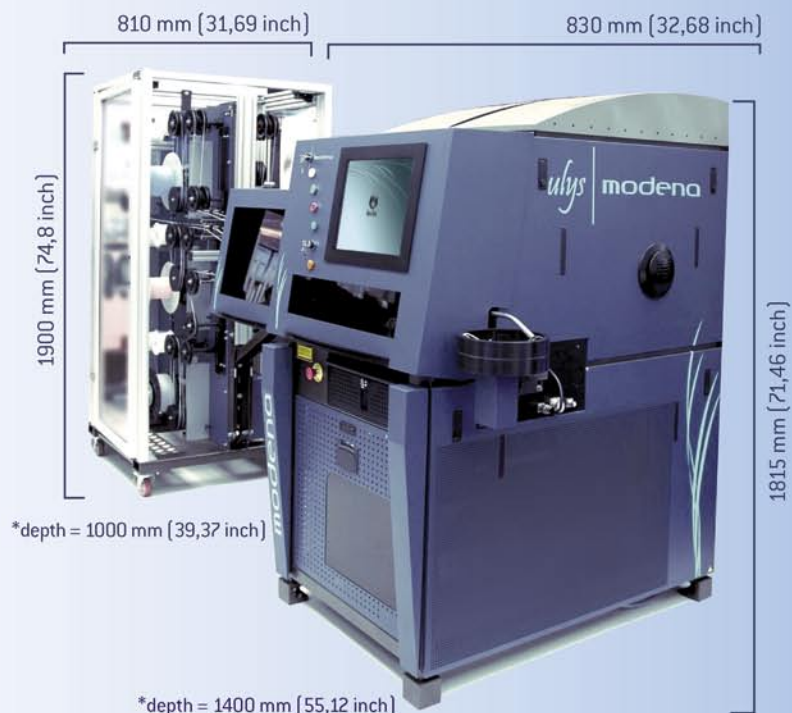
## INNOVATION RELEASE PROGRAM (I.R.P.)

Innovation is a primary drive to our success. Thanks to the important part of net income invested in R&D, LASELEC has become a leader in the industrial and aerospace wire & cable marking field. The special Innovation Release Program (I.R.P.) set up by LASELEC enables our customers to benefit from the latest innovations on the machines already in place.

## GLOBAL PRODUCT & CUSTOMER SUPPORT

LASELEC's worldwide network of subsidiaries, branches and customer support offices enables its customers all over the world to benefit from the best after sales service.

## DIMENSIONS



# uly's modena

EXTREMELY FAST AND RELIABLE UV LASER WIRE & CABLE MARKING

## ULYS-MODENA CHARACTERISTICS

- 355 nm frequency-tripled Nd-YAG solid-state laser – Class 1.
- Speed of up to 120 m/min (394 ft/min).
- Unalterable contrast marking.
- Handles all UV-markable single-core wires and shielded multi-core cables.
- Cable length management from 150 mm (6 inches) to over 999m (3000 feet).
- Cable Diameter from gauge 6 (6.30mm) to 26 (0.75mm) in standard.
- Dereeling mechanism can hold several coils with manual wire feed to meet each specific requirement.
- Equipped with cable-tensioning and servo-controlled drive system.
- Motorized coiling pan with synchronized coiling speed
- Cutting system compliant with aircraft industry standards.
- Automatic smoke aspiration system.
- Compact ergonomic structure with touch screen.
- Knots and cuts detection device.
- Two to four font printing function.
- Cable end marking function.
- Tele-maintenance kit functionality.

## ADDITIONAL FUNCTIONS AVAILABLE

- Traceability functions with bar-code scanner.
- Alternate bar-code printing.
- Customized fonts.
- Label printing functions.
- Multi-spool dereeler and automatic loading system.
- Re-spooler.
- Coiling pan sensor.

**LASELEC S.A.**

www.laselec.com - E-mail: info@laselec.com

## QUALIFICATIONS AND APPROVALS

The ULYS™ series is officially qualified and approved for use on the production line for all aircrafts of:

AIRBUS, AGUSTA-WESTLAND, ATR, BOEING, BOMBARDIER, EADS, DASSAULT, EMBRAER, EUROCOPTER, FHI, GULFSTREAM, HAL, LOCKHEED MARTIN, MIG, SIKORSKY...

It meets CE, FDA and UL standards.

It is AIRBUS qualified to Process specification AIPS.

It is qualified, approved and listed in Boeing BAC 5152.

It conforms to SAE ARP5607 and meets AS50881 (MIL 5088 L).

## OPERATOR INTERFACE

- Data input: manual, floppy disk, or via the plant network system.
- Several production menus allow sorting according to cable part number, harness type, aircraft S/N, etc.
- Rework mode.
- Machine statistics monitoring function.
- Machine maintenance monitoring function.
- Multilingual and user-friendly software tailored to the customers' technical specifications (factory network interface, label editing, etc.)

## MODELS AVAILABLE

- ULYS 330 Modena: Speed of up to 120 m/min (393ft/min).
- ULYS 220 Modena: Speed of up to 85 m/min (278 ft/min).

## COLORS AVAILABLE

The customer can customize his ULYS Modena with a choice among four colors:

Azurite



Oxyde



Mars



Emerald

