TECHNOmark
smart traceability

XS Inline

Integrate the most compact laser solution on the market

LASER TECHNOLOGY

INTEGRATED USE

COMPACT LASERHEAD

GRAPHIX.series®

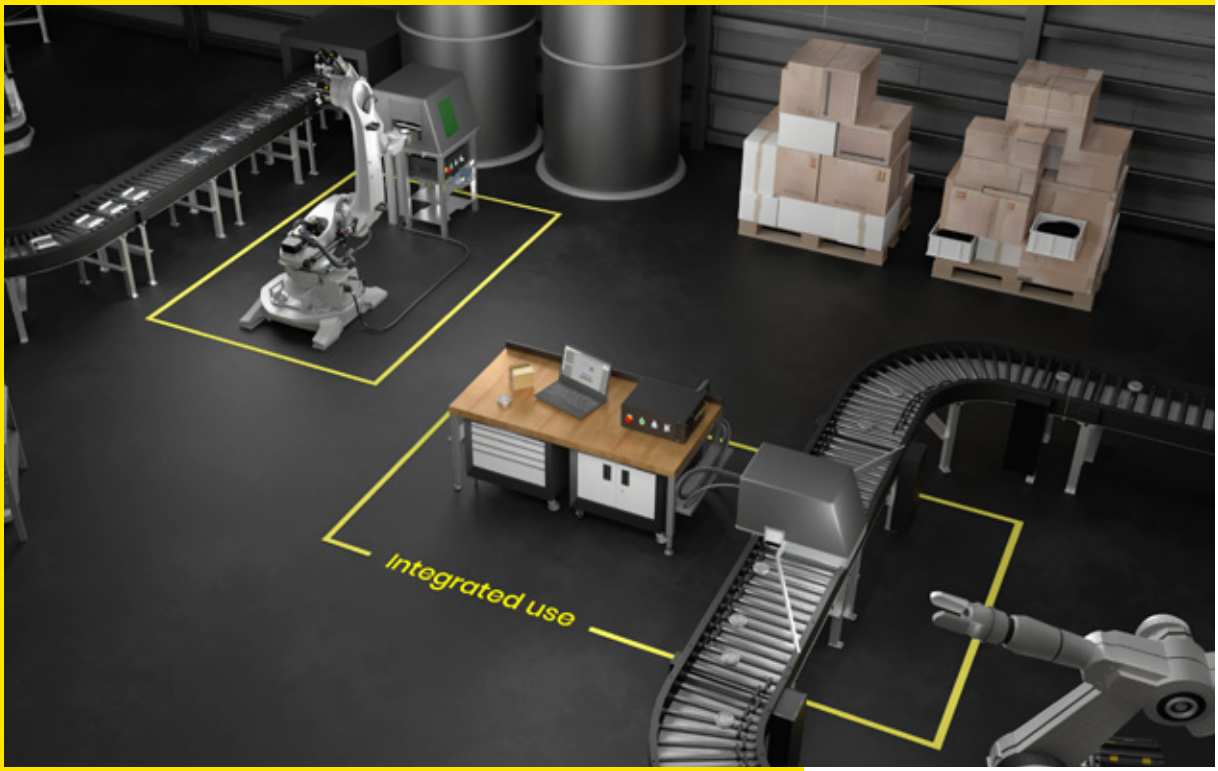
INCREASE THE PACE

XS Inline model

EASY TO INTEGRATE

NETWORK CONNECTION

READ & VERIFY FUNCTION



We have rethought the way we design and develop our products. Today, our marking solutions are the result of direct customer feedback across a wide range of applications.

Integrated use

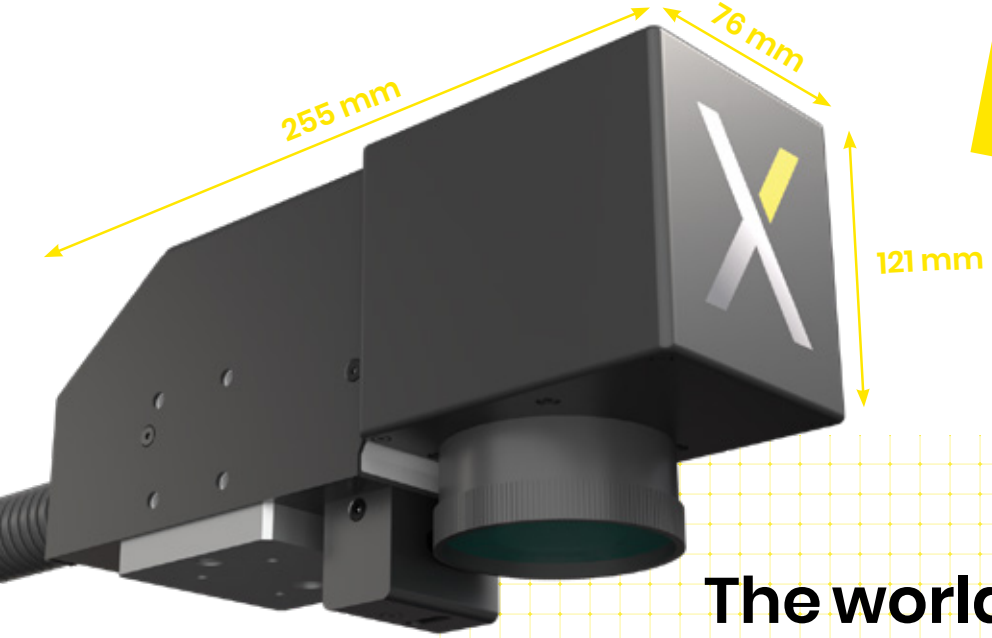
1.
The machine is mounted **on a line or a production unit**

2.
Markings are produced in **large series**

3.
Marking on **parts of any size**

Laser Technology

- **High-intensity, fine-focused laser beam** directed at the part to be marked.
- **Non-contact permanent marking** on all types of surface



Class 4 marking laser

2 power ratings available: 20W and 30W

MARKING HEAD

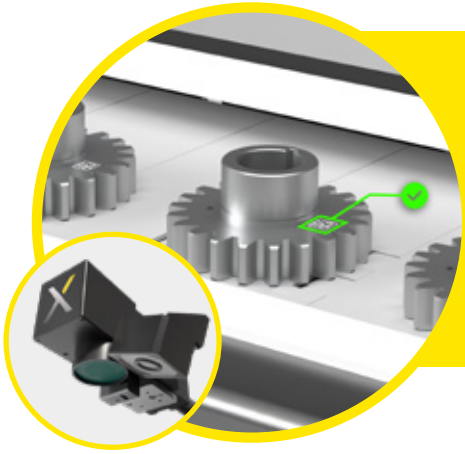
The world's smallest integrated laser head

Easy to integrate
on a production line

- Multi-position marking head (360°) thanks to 3 fixing faces
- Fits into the most confined spaces thanks to its compact design
- Precise adjustment of focal length using the mounting plate (20 mm stroke) and cross laser pointer
- 3m laser fibre cable between head and controller
- Single energy source: electricity

2 window sizes available depending on focal length

160 focal length	254 focal length
100x100 mm	**140x140 mm**



« Read & Verify » function
ensures legibility of marking

- Camera-based reading and validation of 1D and 2D codes after marking
- Guarantees that the marking can be read
- Reduced risk of errors

PRODUCTIVITY

Developed for continuous operation 24/7

ROBUSTNESS

Laser machine designed with resistant and light materials, compatible with a demanding working environment:

- Aluminium marking head (2.1 kg)
- Aluminium sheet metal controller (8.9 kg)

Marking medium to large series

CONNECTIVITY

The answer to Industry 4.0 requirements

Network connection
up to 3 Ethernet ports

- **PC control:**
  - PC connected to the same network as the controller
  - File and logo saving on the network
  - Slave control with RS232 and Ethernet TCP/IP
- **Standalone operation:**
  - Ethernet TCP/IP
  - EtherNet/IP or PROFINET field network
  - Backup of files and logos to a shared network folder

Inputs/outputs

- **8 inputs**: launch marking, upload file, reset serial number, etc.
- **8 outputs**: system ON, laser error, marking in progress, etc.

8-pin terminal block
Safety sensors and 24V output

Accessories
Motorised D-axis or Z-axis connection

Controller:

- Emergency stop button
- Security key to activate marking mode
- « Laser operating » and « machine ready to mark » indicators

Many types of marking possible

DRIVING SOFTWARE

Capacity to meet your expectations

Advanced functionality

- Possibility of control from a distance
- Offline file creation
- Recovery of marking data via a SQL or CSV database
- 2 types of profile: supervisor and user
- Marking history
- Marking parameters test mode to obtain the required result easily
- Numerous marking options: logos, alphanumeric, 1D and 2D codes, shapes, images, etc.
- Multilingual: 7 languages available

MATERIALS TO BE MARKED			
METALS	Steel	PLASTICS	PVC
	Stainless steel		Polyamide
	Aluminium		Polycarbonate
	Brass		Polyethylene
	Titanium		Polypropylene
	Silver		ABS
	Bronze		Acrylic

Non-exhaustive list

Available licences

- **« Read & Verify » licence**
  Reading of 1D/2D codes after marking
- **« Standalone » licence**
  Machine-independent operation
- **Field network licence**
  Control with Ethernet/IP or Profinet
- **Database licence**
  Import of marking data

OUR ADDED VALUE

Long-term support

Pre-sale

- FEASIBILITY STUDY
- SAMPLES MARKING
- ON-SITE TESTING
- CUSTOMIZATION

After sales

- HELPLINE
- TRAINING
- SERVICE AND MAINTENANCE CONTRACT
- REPAIR
- LOAN OF EQUIPMENT

TECHNOmark®

smart traceability

47 countries

WORLDWIDE PRESENCE THROUGH OUR DISTRIBUTORS AND 3 SUBSIDIARIES

99%

AVERAGE CUSTOMER SATISFACTION RATE OVER 3 YEARS

24 000

YELLOW MACHINES IN SERVICE WORLDWIDE, ALL TECHNOLOGIES

10%

OF TURNOVER DEDICATED TO R&D

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