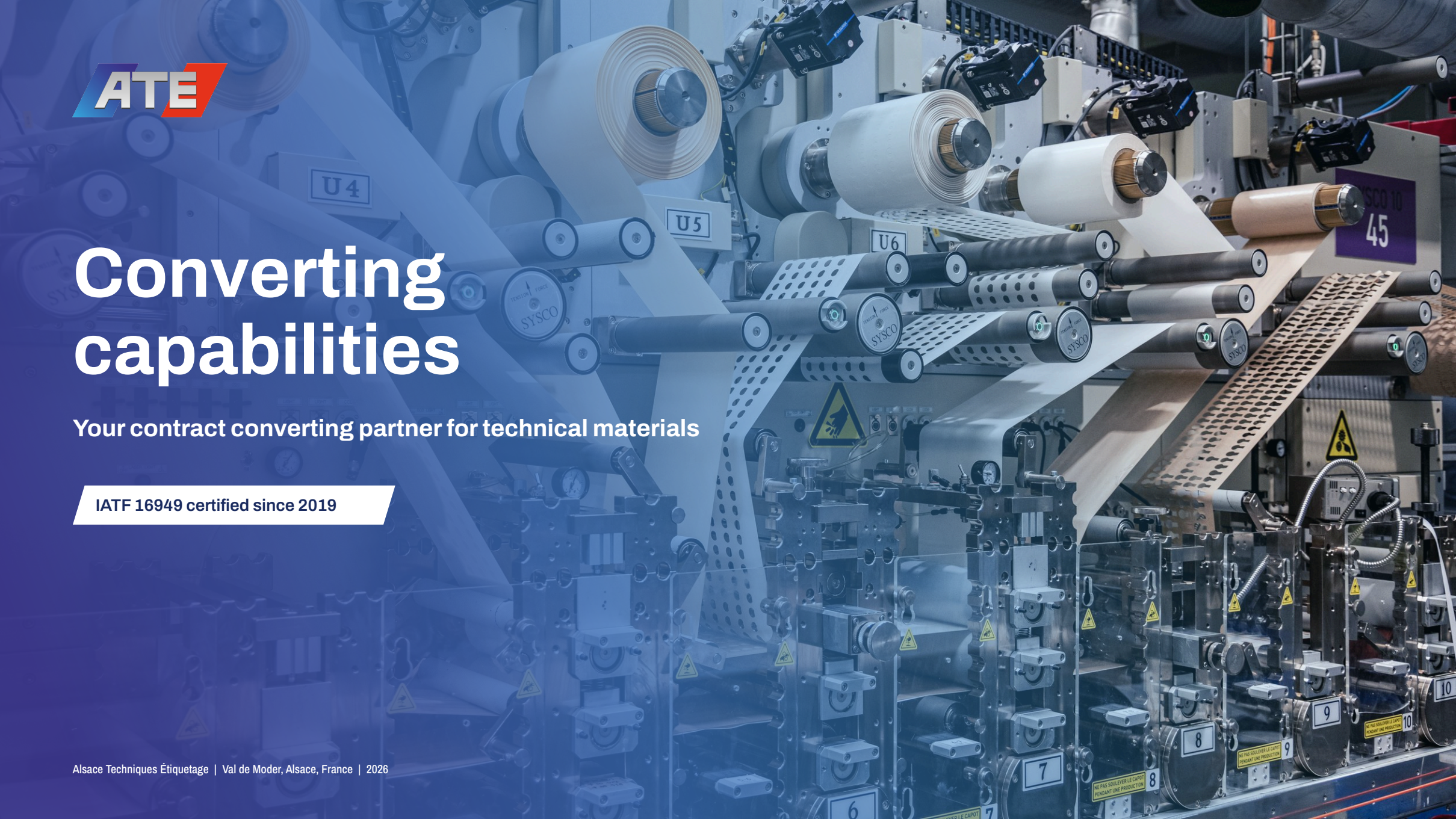
Converting capabilities

Your contract converting partner for technical materials

IATF 16949 certified since 2019



Why ATE

Tools, ERP and part of our energy produced in-house



01

We make our own cutting tools

Rototechnix, part of ATE since 2009, designs and builds our tools.



02

Our ERP is our own

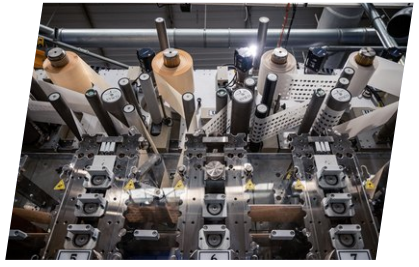
Winshate, developed in-house: every lot traceable, from receipt to shipment.



03

Print and convert under one roof

HD Flexo certified flexo, screen and digital printing, then die-cutting.



04

Up to 18 stations in one pass

Complex multi-layer parts on 7" to 24" webs.



05

Our own renewable energy

Hydropower produced on our own site covers about 30 % of our electricity needs.

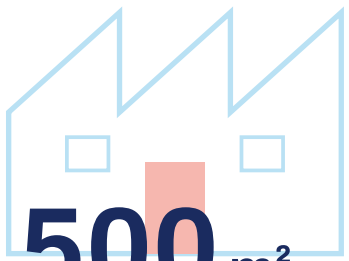
Plus the essentials: IATF 16949, 100 % in-line camera inspection, metrology lab, 24/7 know-how.

Confidentiality first. Your drawings, parts and data stay with us. That is why this presentation shows no customer parts.

ATE at a glance

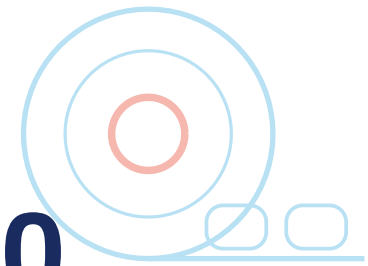
A family-owned converter since 1989

Founded in 1989 in Alsace, ATE converts flexible adhesive and non-adhesive materials for the most demanding industries, from our production site in Val de Moder. Our founding principle has never changed: adapt the machine to the product, not the other way round.



6,500 m²

production floor



40

machines



700

materials in stock



23

countries served

3/4 of our turnover is generated abroad. Markets: automotive, electronics, medical, energy and industry.

We make our own cutting tools

Rototechnix, part of ATE since 2009

Rototechnix, part of ATE since 2009, designs and manufactures our cutting tools. Tooling and production work hand in hand on every project.

Shorter lead times

No dependency on an external tool supplier between design and first parts.

Full control of tool quality

Tools are designed for our machines and your materials.

Faster iterations

Design changes are handled directly between our engineers and toolmakers.

Confidentiality

Your part drawings stay within the ATE group.



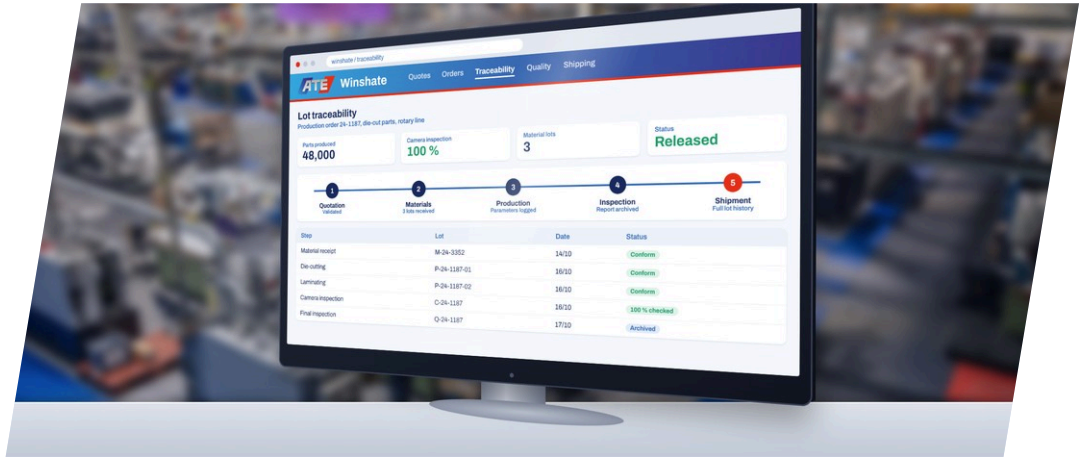
Our ERP is our own

Winshate, developed in-house for full traceability

Winshate manages every order from quotation to shipment. Because we develop it ourselves, it keeps evolving with our customers' needs.

1. **Quotation**
   Fast, documented offers
2. **Materials**
   Lot recorded at receipt
3. **Production**
   Machine parameters logged
4. **Inspection**
   Results archived per lot
5. **Shipment**
   Full lot history





Every converting process, in-house

Cutting, laminating, slitting and printing: our machine park by process

PROCESS	MACHINES	MAX. WIDTH	KEY POINTS
Converting			
Rotary die-cutting	20	610 mm (24")	Up to 18 cutting and laminating stations in one pass
Digital flatbed cutting	1	500 x 800 mm	Prototypes and small series
Laser cutting	5	330 mm	No tooling required
Laminating	In-line	610 mm	Multi-layer constructions, on our rotary lines
Slitting	5	3 to 1,500 mm	From narrow tapes to wide rolls
Printing			
Flexo	4	510 mm	6 colours, HD Flexo certified
Screen	2	On request	Vivid, durable colours
Digital	1	330 mm	CMYK, 1200 x 3600 dpi, no printing plates

Our cutting tools are designed and made in-house by Rototechnix, part of ATE since 2009.

Up to 18 stations in one pass

20 rotary lines for automated production

Our rotary lines convert adhesive and non-adhesive materials into kiss-cut or through-cut parts, ready for automatic application at your customers.

WEB WIDTH



IN-LINE CUTTING STATIONS



Up to 18 cutting and laminating stations in a single pass.

< 0.1 mm

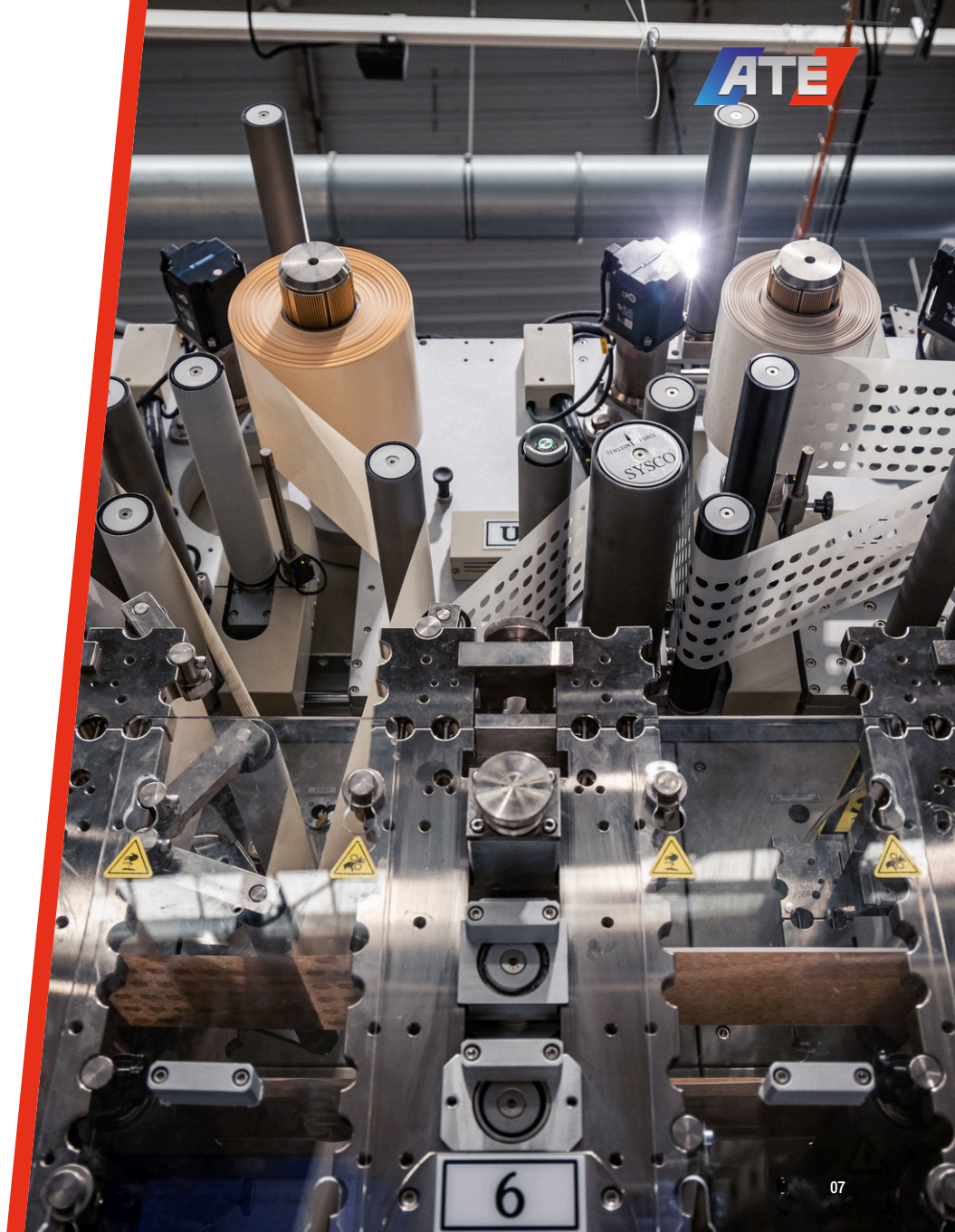
tolerance, material-dependent

Kiss-cut

and through-cut parts

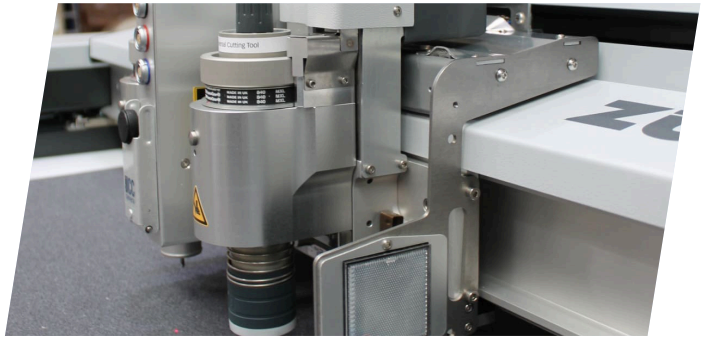
Multi-level

cutting in one pass



Prototypes without tooling

From your file to first parts, then straight to series

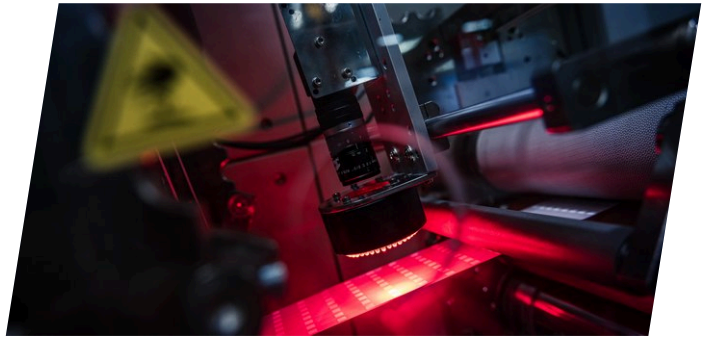


01 Digital flatbed cutting

1 machine

500 x 800 mm

Prototypes and small series. Complements our rotary lines on specific projects.



02 Laser cutting

5 machines

330 mm

No tooling required, free and fine shapes. Ideal when the design still changes.

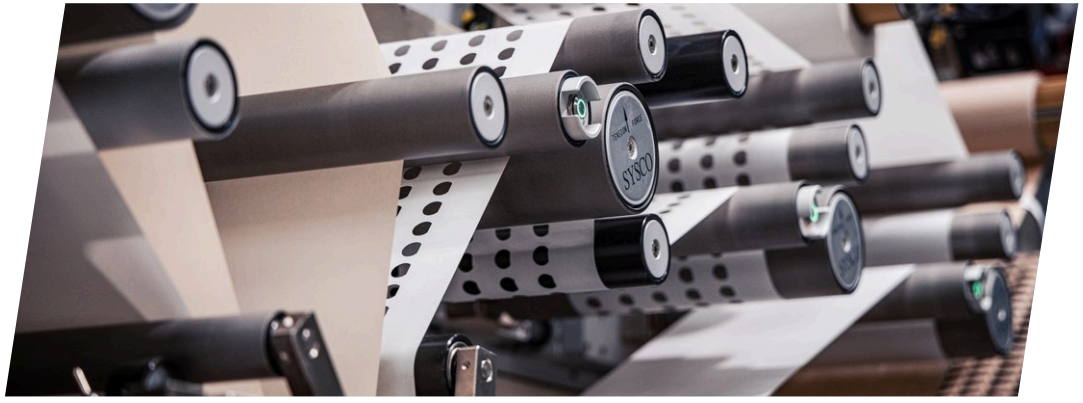
From prototype to series

1. **Prototype**
   Digital or laser cutting, no tooling
2. **Validation**
   Shape and material tested on real parts
3. **Series**
   Rotary tool made by Rototechnix, 20 rotary lines

Same materials, same team: prototypes can be cut in the materials planned for series production, so your validation stays relevant.

Laminating and slitting

Multi-layer constructions and rolls to the exact width





01 Laminating

Several materials combined into one construction, directly on our rotary lines.

02 Slitting

Wide rolls slit into narrow rolls, from tapes of a few millimetres to wide rolls.

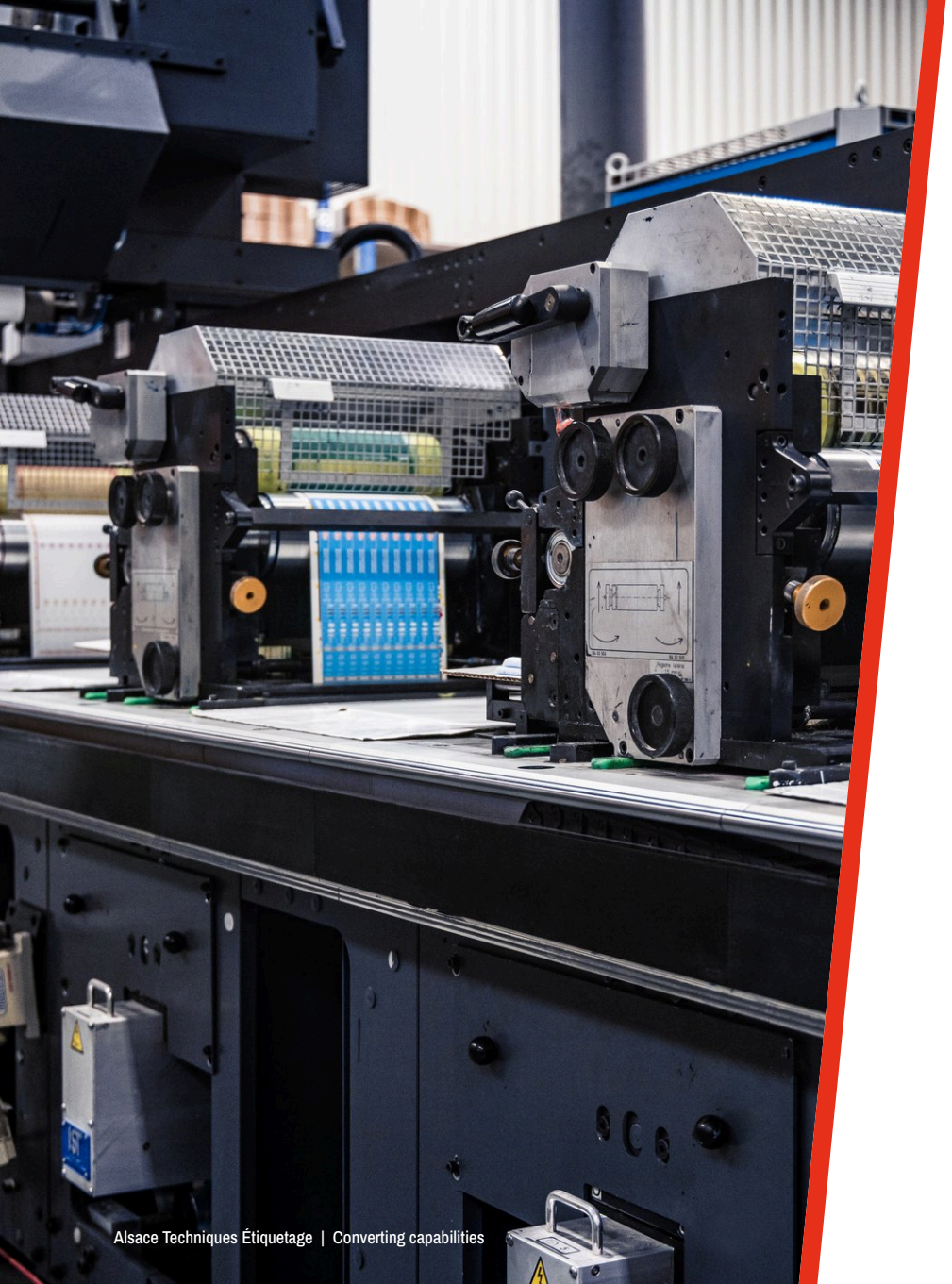
610 mm
max. laminating width

In-line
on our rotary lines

5
slitting machines

3 to 1,500 mm
slitting width

0.3 mm
tolerance possible, material-dependent



Print and convert under one roof

HD Flexo certified, up to 510 mm web width

01 Flexo

4 machines, HD Flexo certified, up to 510 mm

- 6 colours, or 5 colours plus varnish
- Wide range of substrates, front and back printing
- Embossing, braille, hot foil stamping

02 Screen

2 machines, vivid and durable colours

- High-quality results
- Long-lasting colours

03 Digital

1 machine, up to 330 mm print width

- CMYK, 1200 x 3600 dpi output, 380 m²/h
- No printing plates required

Printed materials are then converted on our die-cutting lines into parts, labels and identification products.

What we convert

700 materials in stock, from adhesive tapes to metal foils and insulators

MATERIAL FAMILIES

Adhesive tapes
Double-sided, transfer, differential and removable tapes

Foams
Acrylic, PE, PU (Poron) and silicone foams, plain or adhesive-coated

Films and synthetic papers
PET, PP, PE, PVC, Tyvek, Yupo, decorative films

Metal foils
Copper, aluminium and zinc foils, with or without adhesive

Insulators
Nomex, mica, glass fibre, Klevoglass, Prespan

Elastomers
Silicone, EPDM and elastomer sealing materials

Textiles and non-wovens
Non-woven tapes, technical fabrics and hook and loop

Label stocks
PP, PE, PET, VOID, laser-engravable and RFID

Materials from leading manufacturers, selected to match your application and process.

TYPICAL APPLICATIONS

Described by type only: customer names and parts stay confidential.

Automotive and EV
EV battery insulation and thermal pads, seat sensors, heat reflectors, headlamp gaskets

Medical and diagnostics
In vitro diagnostic kits, blood analysers, pathogen detection systems

Electronics
EMI shielding, control panel overlays, gas detector labels

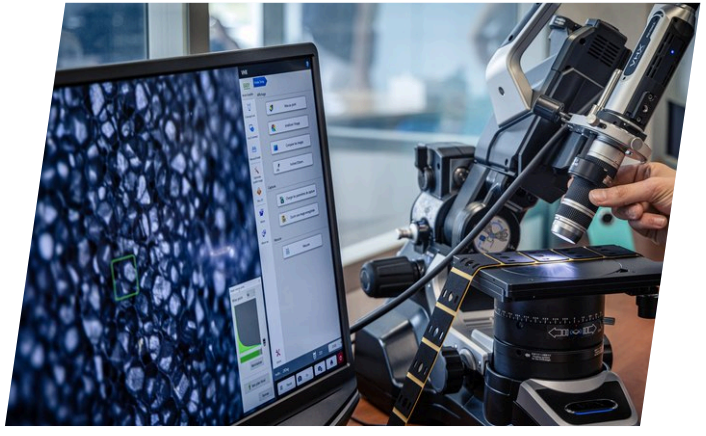
Energy and electrical
Motor phase insulation, terminal markings, thermal insulation

Building and home
Window sealing, furniture screw covers, insect screens

Identification and branding
Tamper-evident and RFID labels, monograms, security tabs

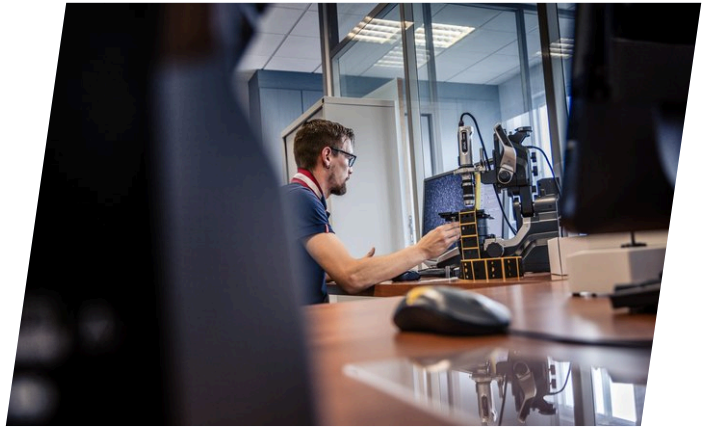
Metrology and testing lab

Measure, test, prove



01 3D digital microscope

4K high-resolution imaging to inspect cut edges, surfaces and layers.



02 Dimensional measuring

5 Keyence measuring instruments for fast, repeatable dimensional checks.



03 Adhesion testing

Shimadzu testing machine to measure adhesion performance.

First article inspection, initial samples and PPAP files available on request.

100 % in-line inspection

Every part checked, defective parts ejected in-line

01 Automatic camera inspection

Dimensional and visual check of every single part.

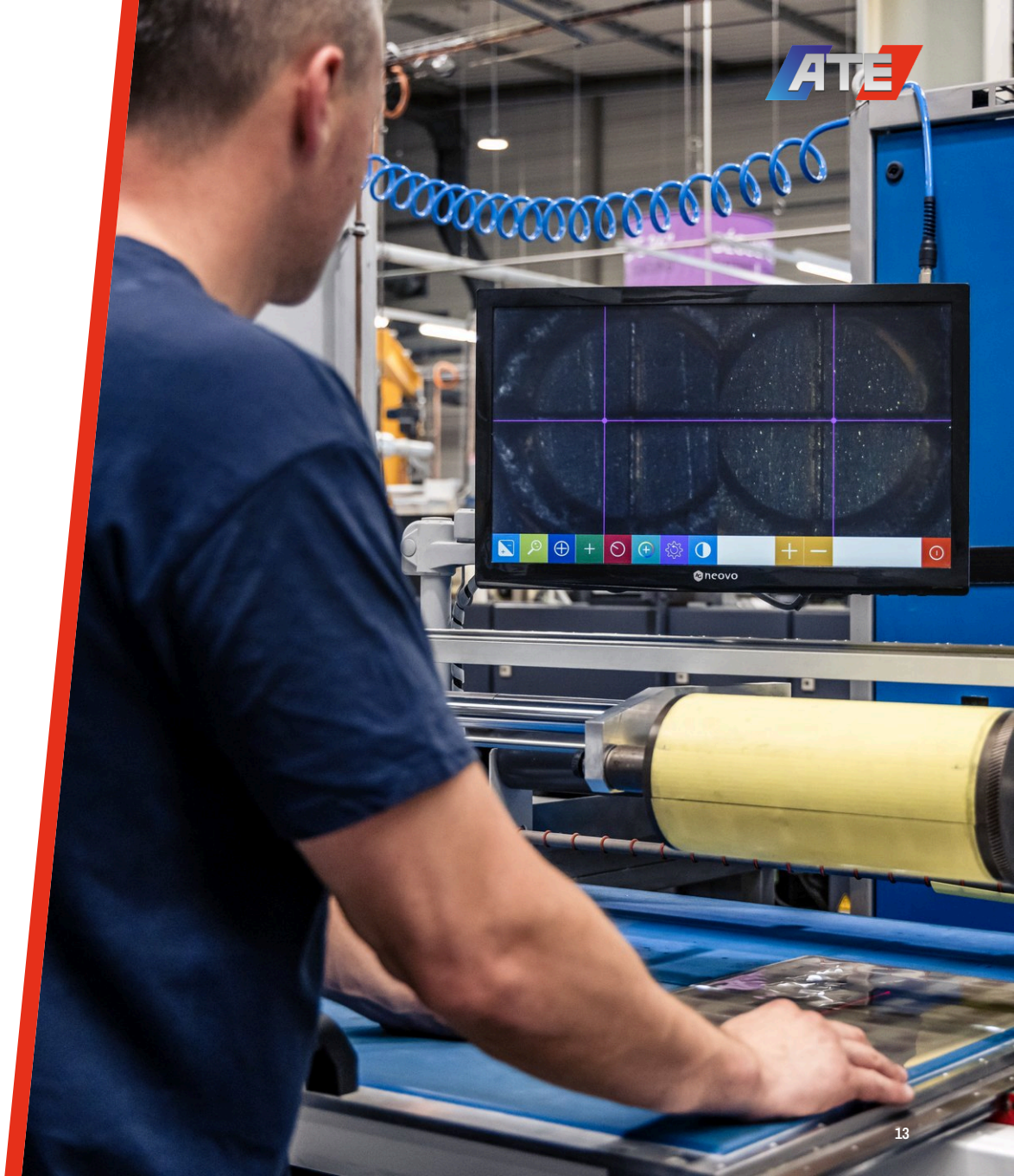
02 Automatic ejection

Out-of-tolerance parts are removed from the web in real time.

03 Inspection report

Results archived per lot, with a report for each production run.

Every part checked, every result recorded per lot.



Built for high volumes

Know-how for 24/7 production

24/7

Our teams and lines are organised to run high-volume programmes around the clock, with consistent quality over the longest runs.

Repeatability

even on very tight tolerances

High-speed

automated converting lines

Pre-delamination

designed for automatic application

€20M+

invested in machines and people over 10 years

Hydropower

turbine on our own site

Neutrality

our energy target

Since 2018

ISO 14001 certified

Energy with a soul

Hydropower produced on site, not a solar farm

~30 %

of ATE's electricity needs are covered by hydropower produced on our own site.

We could have installed solar panels. We chose hydropower: a local, living source of energy.

- ISO 14001 certified since 2018
- Energy neutrality target
- Waste sorting, recycling and recyclability analysis
- Priority given to local partners

Quality and certifications

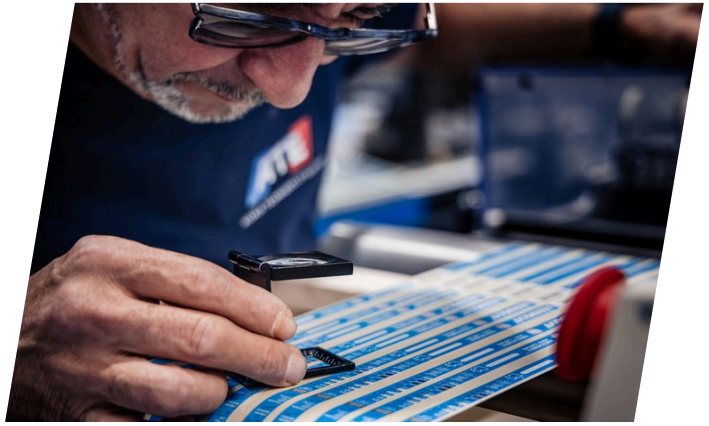
Automotive-grade quality for every project

IATF 16949	ISO 14001	ISO 45001	UL	3M Preferred Converter
since 2019	since 2018	since 2021	since 2009	since 2018

In progress: EN/AS 9100, ISO 13485, ISO 22000, ISO 27001, ISO 50001

Qualified for series production

Our quality system is built on IATF 16949, the automotive reference standard, and applies to every project, whatever the sector.



Every project starts with the right quality plan: FMEA, control plan and initial samples.

OUR METHODS

- HD Flexo certified printing
- Controlled grey-room production
- FMEA, control plan, initial samples and PPAP on request
- Tier 1 supplier to the Renault Nissan Mitsubishi alliance since 2018

Let's build your next project

Send us your drawing, specification or simply your constraints. We will come back to you with a converting solution.

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