BAT GRAPHICS
VERNITECH

Product Catalog

CERAMIC ROLLERS AND SLEEVES

01 — THE COMPANY

ABOUT BAT GRAPHICS VERNITECH

Established in 1995 at the Ester Technopark in Limoges, France, BAT Graphics Vernitech specialises in the manufacturing and refurbishment of ceramic rollers and sleeves. Presented as the first French anilox manufacturer, the company supplies brand-new rollers and sleeves alongside its refurbishing activity, with custom-made products built on innovations designed in-house.



The BAT Graphics Vernitech facility at the Ester Technopark, Limoges.

APPLICATIONS

- Flexography
- Rotogravure
- Coating and adhesives
- Paper treatments
- Rotary tampography
- Embellishment and varnishing

MARKETS SERVED

- Corrugated board
- Flexible packaging
- Labels
- Offset printing
- Coating and special applications
- The paper industry

KEY STRENGTHS

HIGH-TECH LASER ENGRAVING

An original laser technology ensuring engraving accuracy along the full length of the cylinder.

FAST DELIVERY TIMES

Short lead times that shorten maintenance pauses and keep presses operational.

SPECIALISED APPLICATIONS

Recognised expertise in specific, demanding applications.

CERAMIC ROLLERS & SLEEVES

Thanks to its innovative laser technology, BAT Graphics ensures engraving accuracy all along the cylinder, for high-quality products. New or refurbished, every roller and sleeve is built for an extended period of use.



CYLINDERS

Resistant to scratches and corrosion for an extended period of use, BAT Graphics cylinders deliver the exact amount of desired coating thanks to custom-made laser engraving and in-house screen design.

- Very resistant to scratches and corrosion
- Extended period of use



SLEEVES

All BAT Graphics sleeves are equipped with an extended stainless-steel ring for better protection and longevity. More resistant than aluminium, this feature helps limit damage to the ceramic edges.

- Extended stainless-steel ring
- Improved longevity of the ceramic edges



SPECIAL APPLICATIONS

BAT Graphics also offers marking and surface treatments that perfectly fit customers' special applications.

COATING | ROTOGRAVURE | TAMPOGRAPHY

03 — ENGRAVING TECHNOLOGY

HIGH-PRECISION ENGRAVING

BAT Graphics uses an original, in-house laser engraving technology to deliver precise engraving across the full cylinder surface — the foundation of consistent, high-quality printing results.

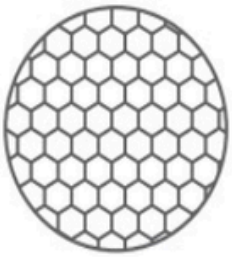


Laser engraving of the ceramic layer — accuracy along the full length of the cylinder.

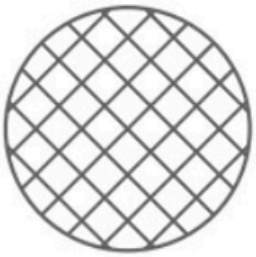
ENGRAVING SCREENS

All screens available on the market are offered, elaborated in-house. From 10 to 500 lines per centimetre (l/cm) and of high standard, they assure an excellent result for all kinds of prints. New screens are designed on a regular basis.

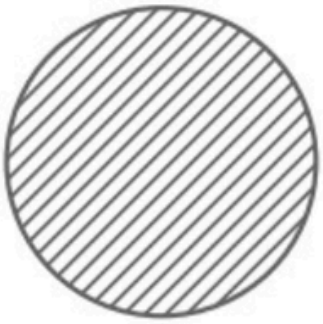
AVAILABLE ENGRAVING PATTERNS



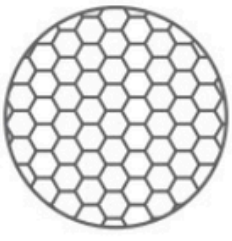
60° HEXAGONAL



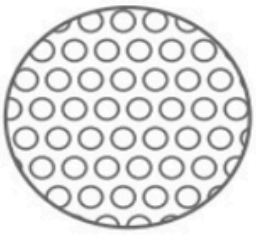
45° DIAMOND



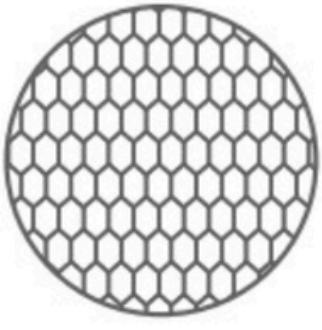
HELICOIDAL



30° HEXAGONAL



DOT SCREEN



76° LONG CELL

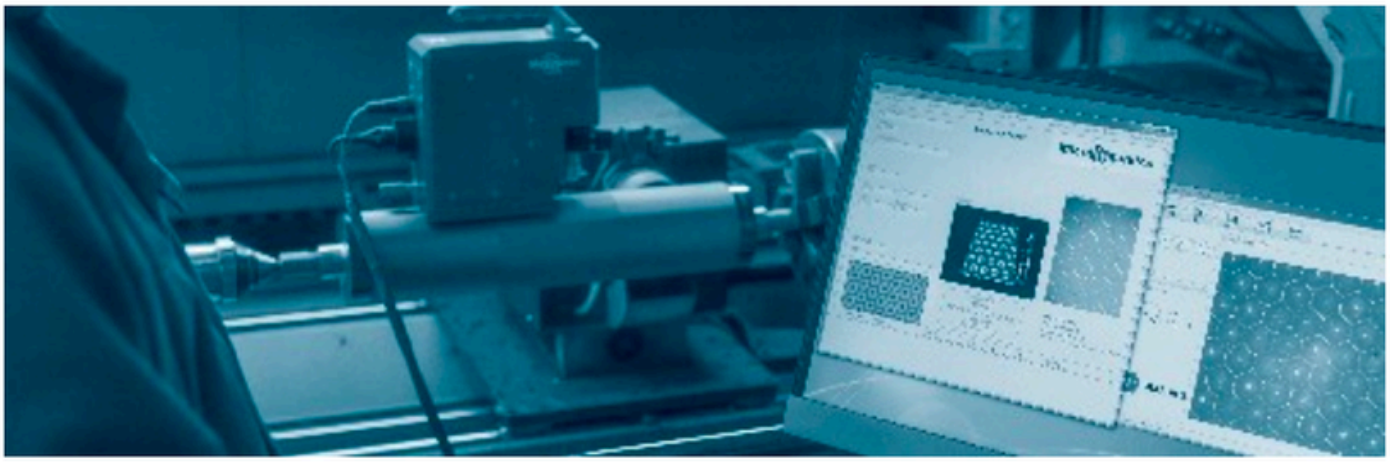
A HIGH-POTENTIAL WORKSHOP

ADVANCED MANUFACTURING EQUIPMENT

- Plasma torches
- Grinding machines
- Latest-generation lasers

MODERNITY AND INNOVATION AT THE CORE

- Accelerated engraving processes
- More efficient plasma spray systems
- New screen designs to support customer innovation



Engraving accuracy controlled at the machine — Limoges workshop.

RESEARCH AND DEVELOPMENT

BAT Graphics Vernitech has its own innovation department and collaborates with specialised research centres, continuously improving its technology to keep its customers one step ahead.

RESPONSIVENESS, EXPERTISE AND TRUST

Responsiveness and timely delivery, technical know-how and product quality, careful attention to customer needs: BAT Graphics does everything in its power to ensure in-time delivery and build a lasting relationship of trust.

KEY FIGURES

15 days
Delivery from receipt

1 cm – 4 m
Width range

4
Latest-generation lasers

1
Factory, in France

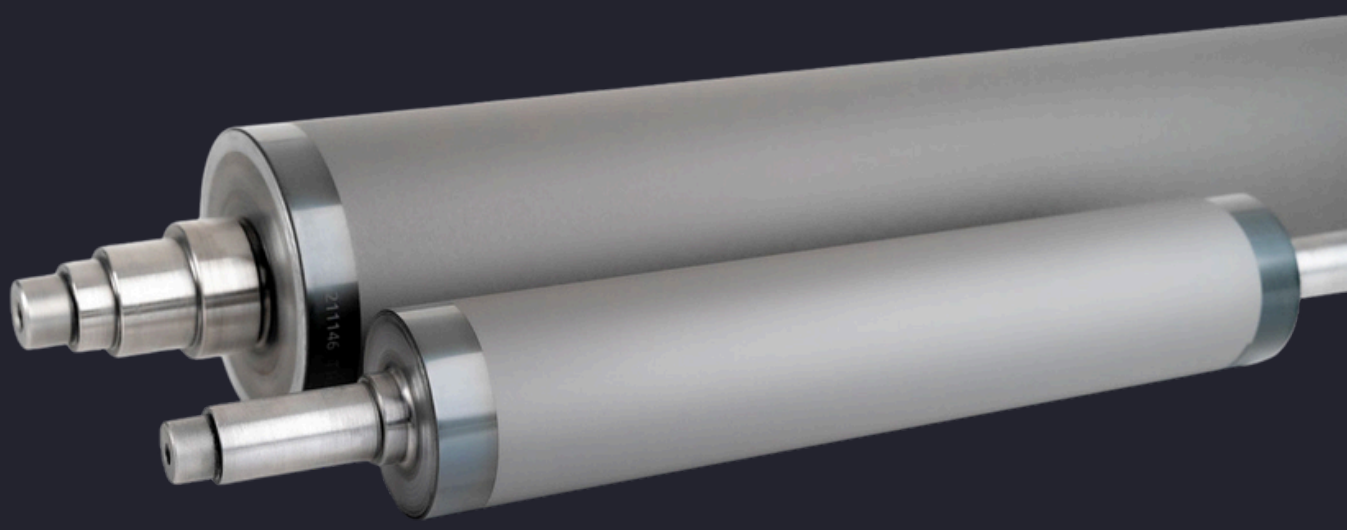
20 %
Of budget dedicated to innovation

25 +
Years of expertise

05 — CONTACT

SHORTEN MAINTENANCE PAUSES. HIGHLIGHT PRODUCT CHARACTERISTICS. KEEP INNOVATING.

BAT Graphics combines responsiveness and an innovative approach to anilox technology to deliver high-quality products with short lead times.



CONTACT

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