BAT GRAPHICS
VERNITECH

Katalógus

KERÁMIA ANILOXHENGEREK ÉS HENGERHÜVELYEK

01 — THE COMPANY

ABOUT BAT GRAPHICS VERNITECH

Establishedin 1995 attheEsterTechnopark in Limoges, France, BATGraphics Vernitech specialises in the manufacturing and refurbishmentof ceramic rollersand sleeves. Presentedas 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

Anoriginal lasertechnologyensuring engraving accuracy along the full length of the cylinder.

FAST DELIVERY TIMES

Shortleadtimesthat shorten maintenance pauses and keep presses operational.

SPECIALISED APPLICATIONS

Recognised expertiseinspecific, demanding applications.

CERAMIC ROLLERS & SLEEVES

Thankstoits innovativelaser technology, BATGraphicsensures engraving accuracy all along the cylinder, for high-quality products.Newor refurbished, everyrollerandsleeve isbuilt for an extended period of use.



CYLINDERS

Resistant toscratches 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

AllBAT 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

BATGraphicsalsooffersmarking and surface treatments that perfectly fit customers' special applications.

COATING | ROTOGRAVURE | TAMPOGRAPHY

03 — ENGRAVING TECHNOLOGY

HIGH-PRECISION ENGRAVING

BATGraphicsuses an original,in-houselaserengravingtechnology to deliver precise engraving across the full cylindersurface— the foundationofconsistent,high-qualityprinting results.

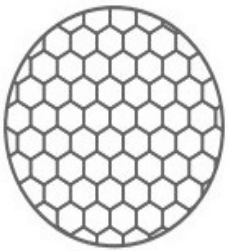


Laser engraving of the ceramic layer — accuracy along the full length of the cylinder.

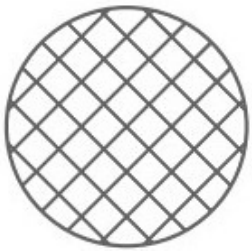
ENGRAVING SCREENS

Allscreensavailableonthe 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.

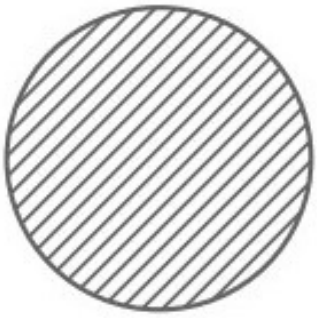
AVAILABLE ENGRAVING PATTERNS



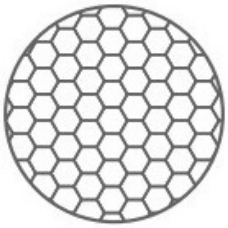
60° HEXAGONAL



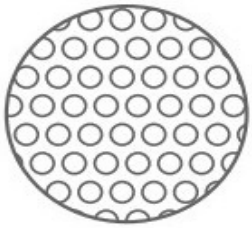
45° DIAMOND



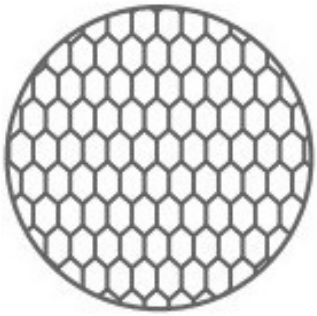
HELICOIDAL



30° HEXAGONAL



DOT SCREEN



76° LONG CELL

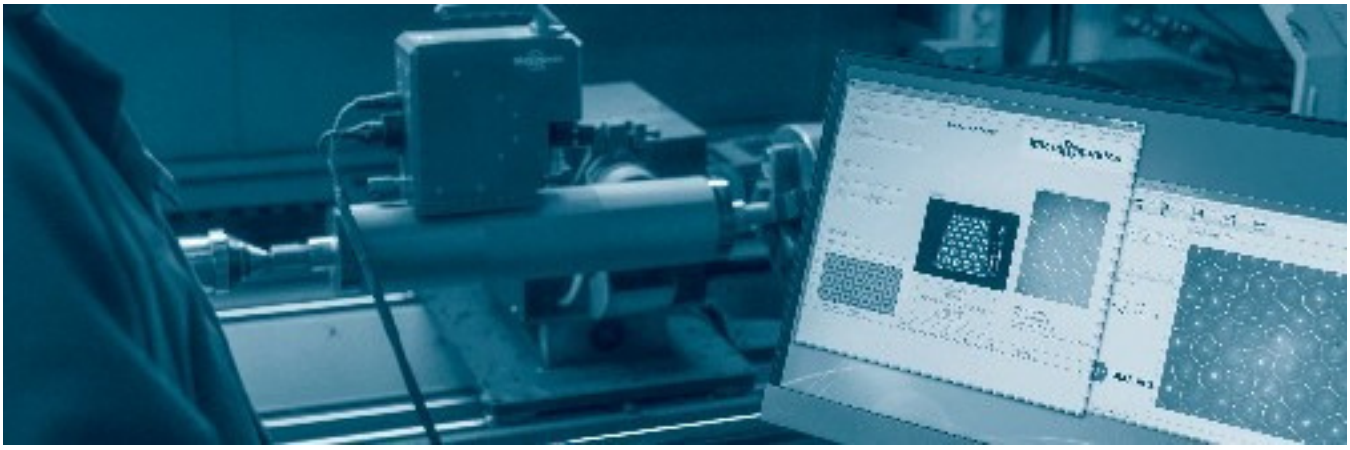
A HIGH-POTENTIAL WORKSHOP

ADVANCED MANUFACTURING EQUIPMENT

- Plasma torches
- Grinding machines
- Latest-generation lasers

MODERNITY AND INNOVATION AT THE CORE

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



Engraving accuracy controlled at the machine — Limoges workshop.

RESEARCH AND DEVELOPMENT

BATGraphics Vernitech hasitsown innovation department and collaborates with specialised research centres, continuously improving itstechnologytokeep its customers one step ahead.

RESPONSIVENESS, EXPERTISE AND TRUST

Responsivenessandtimely delivery,technicalknow-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
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1 cm – 4 m

25+

4
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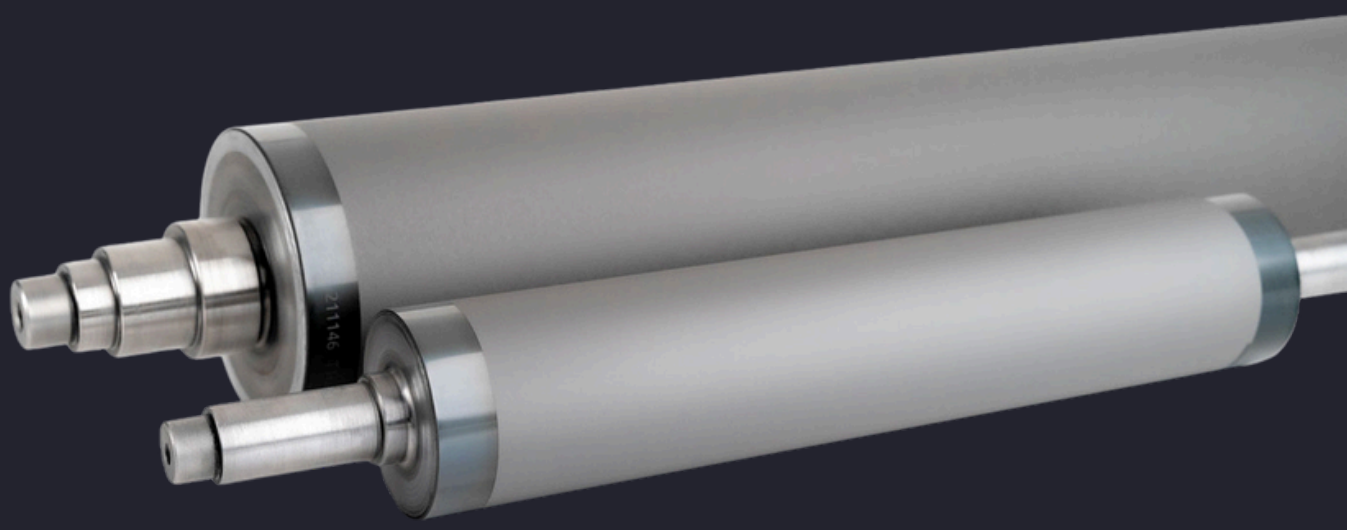
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Years of expertise

25 +
Years of expertise

SHORTEN MAINTENANCE PAUSES. HIGHLIGHT PRODUCT CHARACTERISTICS. KEEP INNOVATING.

BATGraphicscombinesresponsivenessandaninnovativeapproachtoaniloxtechnologyto deliver high-quality products with short lead times.



CONTACT

CNI Ltd.
Tiszaújváros,
TVK Ipartelep,
2092/3 hrsz.
cni@cni.hu

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