



Additive Manufacturing



> The finishing solution for a promising technology

The **MMP TECHNOLOGY**® is particularly well suited to finishing parts produced using additive layering technologies such as DMLS (Direct Metal Laser Sintering).

Only the Micro Machining Process (**MMP**) can continually reproduce mirror-like finishes with unrivalled aesthetic consistency and technical precision. **MMP** is a surface finishing technology based upon selective filtration of wavelength ranges of roughness, allowing for the production of very precise and selective surface states.

The results are both uniform and reproducible : **MMP** is an industrial process that ensures total traceability and industrial-grade control of all parameters right up to the final finish.

MMP delivers these results even on some of the most complex geometries and the hardest of alloys



MMP



Hip implant cup SLS Peek



MMP



Knee implant



MMP



Compressor blade



DMLS stator ring

> Technical benefits of using **MMP**

- Precisely preserves the initial shape,
- Reduces friction,
- Minimal material removal.

> **MMP** advantages

- Controlled costs and predictable lead times,
- Homogeneity and consistency across batches of parts,
- Treated components can exhibit superior technical performance,
- Ensures industrial-standard traceability and uses certified quality procedures.

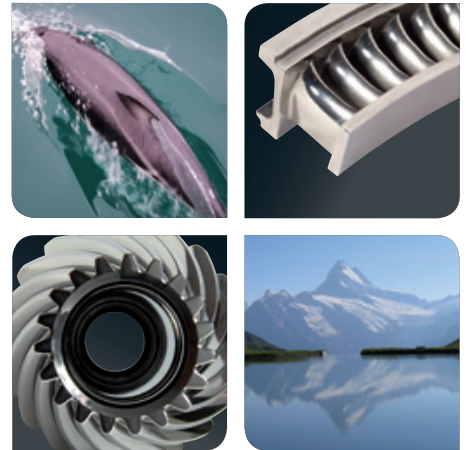
> Applications

- Implants (knee, hip, spine, etc.),
- Instrumentation,
- Pump Components,
- Blades,
- Stators,
- Guide Vanes.



> A unique process worldwide

The **MMP TECHNOLOGY®** makes it possible to obtain super-finished surfaces by selective removal of successive “frequency” ranges of surface roughness. This technique enables a level of control that is not possible with traditional polishing methods.

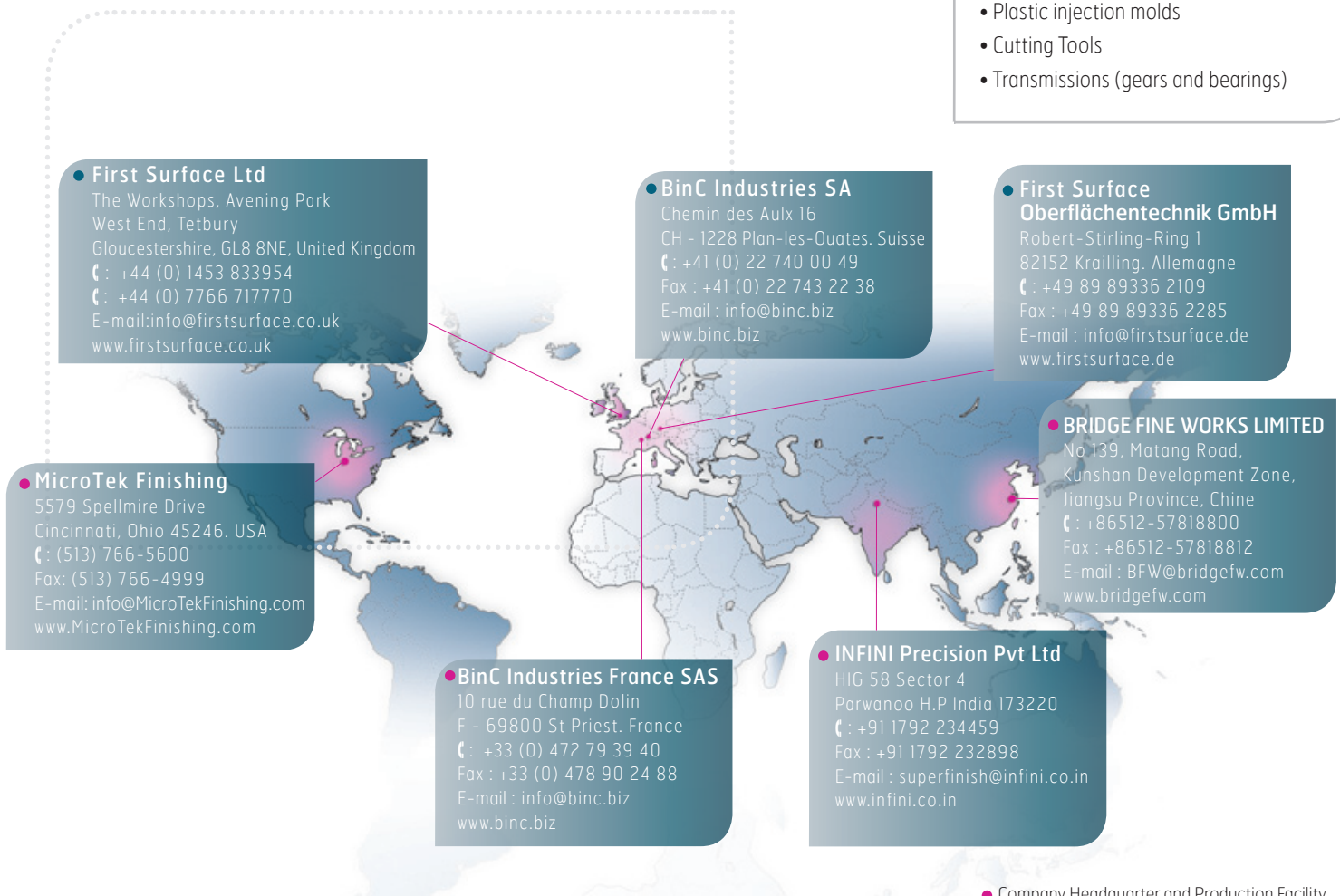


> A global expansion strategy

The **MMP TECHNOLOGY®** process is available exclusively through 7 companies located in Europe, the United States, India and China, as follows :

Seven key markets

- Aerospace
- Forging, Stamping, and Die
- Additive manufacturing
- Medical implants and instruments
- Plastic injection molds
- Cutting Tools
- Transmissions (gears and bearings)



• First Surface Ltd

The Workshops, Avening Park
West End, Tetbury
Gloucestershire, GL8 8NE, United Kingdom
☎ : +44 (0) 1453 833954
☎ : +44 (0) 7766 717770
E-mail: info@firstsurface.co.uk
www.firstsurface.co.uk

• BinC Industries SA

Chemin des Aulx 16
CH - 1228 Plan-les-Ouates, Suisse
☎ : +41 (0) 22 740 00 49
Fax: +41 (0) 22 743 22 38
E-mail : info@binc.biz
www.binc.biz

• First Surface Oberflächentechnik GmbH

Robert-Stirling-Ring 1
82152 Krailling, Allemagne
☎ : +49 89 89336 2109
Fax: +49 89 89336 2285
E-mail : info@firstsurface.de
www.firstsurface.de

• MicroTek Finishing

5579 Spellmire Drive
Cincinnati, Ohio 45246, USA
☎ : (513) 766-5600
Fax: (513) 766-4999
E-mail: info@MicroTekFinishing.com
www.MicroTekFinishing.com

• BRIDGE FINE WORKS LIMITED

No 139, Matang Road,
Kunshan Development Zone,
Jiangsu Province, Chine
☎ : +86512-57818800
Fax: +86512-57818812
E-mail : BFW@bridgefw.com
www.bridgefw.com

• BinC Industries France SAS

10 rue du Champ Dolin
F - 69800 St Priest, France
☎ : +33 (0) 472 79 39 40
Fax : +33 (0) 478 90 24 88
E-mail : info@binc.biz
www.binc.biz

• INFINI Precision Pvt Ltd

HIG 58 Sector 4
Parwanoo H.P India 173220
☎ : +91 1792 234459
Fax: +91 1792 232898
E-mail : superfinish@infini.co.in
www.infini.co.in

- Company Headquarter and Production Facility
- Company Headquarter

