



PATENTS & TECHNOLOGIES



NEWS RELEASE

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CFL Flooring reinforces its long-term innovation and sustainability strategy with acquisition of Hymmen JUPITER digital printing line

CFL Flooring 购买 Hymmen JUPITER 数字印刷生产线，强化其坚持创新和可持续发展战略

- ***CFL Flooring signs new i4F license for Digital Printing***
- ***CFL Flooring 最近与 i4F 签署了数字印刷专利许可协议***
- ***CFL Flooring's next-generation rigid core lines to use Hymmen Digital Printing***
- ***CFL Flooring 下一代硬质芯材产品线将应用 Hymmen 数字印刷技术***

HAMONT, BELGIUM – i4F, a group of companies providing patents and technologies to the flooring industry, today announced that CFL Flooring has acquired a Hymmen JUPITER digital printing line for its US facility and, has signed a new digital printing technologies license agreement with i4F. This reinforces CFL's long term digital printing strategy as well as the company's commitment to innovation "firsts" whilst reducing its carbon footprint. CFL's next-generation rigid core produces will be produced using Hymmen's JUPITER JPT-C print-to-board line.

HAMONT, BELGIUM - i4F, 一家专注地板行业专利和技术解决方案的集团，今天宣布 CFL Flooring 已为其美国工厂添置了一条 Hymmen JUPITER 数字印刷生产线，并与 i4F 签署了数字印刷专利技术许可协议。这不仅强化了 CFL 应用数字印刷生产的长期战略以及公司对创新至上的承诺，同时减少了碳排放。CFL 下一代的硬质芯材产品将使用 Hymmen JUPITER JPT-C 直印生产线生产。

With some 4,500 employees, CFL Flooring is a global leader and innovator in rigid core manufacturing as well as other hybrid vinyl floor covering solutions. Over the last eighteen months, the company has heavily invested in its state-of-the-art production facility in Calhoun, Georgia (USA), that is now fully operational. The new JUPITER digital printing line will be located in Calhoun and be used to produce CFL's next-generation rigid core lines.

CFL Flooring 拥有约 4500 名员工，是硬质芯材制造以及其他复合乙烯基地面材料解决方案的全球领导者和创新者。在过去的十八个月里，公司对其位于美国乔治亚州 Calhoun 的超先进生产设施进行了大量投资，现已全面投入使用。新的 JUPITER 数字印刷生产线将设在 Calhoun 工厂，应用于 CFL 的下一代硬质芯材产品线。

In addition to the multiple design and production advantages, CFL's decision to buy the digital printing line was driven by its goal to reduce its carbon footprint as well as to become more sustainable. Digital printing eliminates the need for certain elements, including décor films and plastic wear layers, thus reducing the total amount of PVC use, reducing plastic waste, as well as reducing the impact of supply chain strains linked to production.

除了多样性设计和生产优势外，CFL 购置数字印刷生产线亦是为减少碳排放，助力可持续发展。数字印刷消除了对部分物料的需求，包括彩膜和耐磨层，从而缩减了 PVC 的使用总量并降低塑料废料，同时也减少了生产供应链压力。

Designed to enable 24/7 industrial production, Hymmen's JUPITER JPT-C print-to-board lines deliver intelligent and highly precise register accuracy. This ensures the highest levels of color stability and print quality output while maintaining printing speeds of 25-50 meters per minute.

Hymmen 的 JUPITER JPT-C 直印生产线旨在实现 7 天 24 小时的工业生产，提供了智能化和高度精确的同步对花准确度。在确保了最高水准的色彩稳定性和印刷质量的同时，亦能保持每分钟 25-50 米的印刷速度。

i4F licenses the world's most advanced digital printing technologies and offers exclusive access to all Hymmen digital printing technologies in the flooring sector. Digital printing will play a crucial role in the future of new material flooring as it enables unlimited design and embossing-in-register flexibility and can be applied to a wide range of materials. This facilitates faster response times to market demands and trends while reducing material waste.

i4F 许可世界上最先进的数字印刷技术，并拥有 Hymmen 所有地板数字印刷技术的独家许可权。数字印刷将在未来的新材料地板中发挥至关重要的作用，因为它可以实现无限的设计和同步对花的多样性，并可应用于各种材料。这有利于加快对市场需求和趋势的反应速度，同时减少材料浪费。

"CFL has long been committed to its vision of leading flooring innovation," said Thomas Baert, President and co-founder of CFL Flooring. "I believe we were the first manufacturer to push rigid core in a massive way. Our aim is to continue to be top of mind with our partners when they think of first to market innovations and second-to-none marketing and customer support. Digital printing is the next logical step."

Thomas Baert 先生，CFL 的总裁和创始人评论说，“长期以来，CFL 一直致力于实现其引领地板创新的愿景。我相信我们是第一个大规模推动硬质芯材的制造商。我们的目标是，与合作伙伴携手走在创新前沿，提供首屈一指的营销和客户支持，而数字印刷就是我们的下一步。”

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About i4F:

i4F® is an innovations group focused on the development of patents and technologies for the flooring industry. Its portfolio includes IP for flooring installation and wall mounting systems, material compositions, surface treatment, digital printing as well as laminate and board production technologies. i4F has strategic partnerships with the industry's most important IP players, including Classen, Kronospan, HMTX, Windmüller, CFL Flooring, Tarkett, Kingdom Flooring, Li&Co, Benchwick, QuickStyle Industries and Hymmen. The company's flagship technologies, 3L TripleLock®, Click4U® and i-Click4U®, provide a unique one piece drop-lock installation technique for flooring panels that eliminates the need for an additional insert on the short side. The solution is suitable for solid polymer core, expanded polymer core, luxury vinyl tiles, laminate, and wooden flooring panels. International patents and patent applications for i4F's technologies have been granted and filed in over 100 countries worldwide. Visit i4F.com

关于 i4F:

i4F® 是一家致力于地板行业专利和技术研发的高新技术集团，其专利组合包括地板安装和墙板安装、材料配比、表面处理、数字印刷、强化地板以及板材生产技术的知识产权。i4F 与行业内知识产权先锋企业 Classen, Kronospan, HMTX, Windmüller, CFL Flooring, Tarkett, Kingdom Flooring, Lico, Benchwick, QuickStyle Industries 以及 Hymmen 建有战略合作关系。公司的旗舰技术 3L TripleLock®, Click4U® 和 i-Click4U® 锁扣技术为地板安装提供了独特的整体直落式锁扣安装系统，短边安装不再需要额外的塑料插条。该技术适用于 SPC、EPC、LVT、强化地板、多层实木地板和实木地板，i4F 已经在全球 100 多个国家为其相关技术申请了专利保护。

官网: www.i4f.com

About Hymmen:

Hymmen – the technology partner for excellent surfaces: The company predominantly deals with industrial production technology for the production of board materials or the surface finishing of board or roll materials. With 200 employees worldwide Hymmen works on investment projects in the following industries: Furniture, Flooring, Doors/Gates, Decorative Laminates, Building Materials, Steel & Aluminium, Composites & Technical Laminates. The offered technologies include Industrial Press & Calender Lines, Liquid coating & Lacquering, as well as Industrial Digital Printing Lines and Automation & Control Technology.

Since 2008 Hymmen has put its focus of R&D on industrial digital printing. With more than 45 operating digital printing lines worldwide and a cumulated sales volume of more than 100 Mill. EUR in digital printing lines it may be seen as market leader in the woodworking industry. The latest developments in digital printing include process optimizations in décor printing with UV-curing inks as well as the digital structuring (Hymmen DLE plus).

Hymmen operates a spacious technology center and laboratory in which all production processes with customers' original materials can be tested and optimized. Hymmen is the right partner for every customer seeking high-quality mechanical engineering combined with profound technological know-how, innovative strength and development potential for its own products. Visit www.hymmen.com

关于 Hymmen:

Hymmen -卓越表面的技术合作伙伴:公司主要从事板材料生产的工业生产技术，或板材及卷材的表面精加工技术。公司在全球拥有 200 名左右员工，同家具、地板、门/大门、装饰层压板、建筑材料、钢铝、复合材料和技术层压板等投资项目多有合作。所提供的技术包括连续压机、油漆涂装线和工业数字印刷生产线以及自动化和控制技术。

从 2008 年 Hymmen 就开始专注于工业数字印刷的研发。在全球拥有超过 45 条数字印刷生产线，累计销售额超过 1 亿欧元。在数字印刷生产线上，它可以被视为木工行业的市场领导者。数字印刷的最新发展包括使用 UV 固化油墨进行装饰印刷的工艺优化以及数字纹理(也包括 Hymmen DLE plus)。

Hymmen 拥有宏大的技术中心和实验室，所有客户的原始材料的生产过程都可以在这里进行测试和优化。Hymmen 结合自身产品深厚的技术知识、创新实力和发展潜力，是每一位寻求高品质机械和解决方案的客户的最佳合作伙伴。

官网: www.hymmen.com



Fig. 1: Decors and structures of Hymmen's DLE plus collection 2022