PAKISTAN
LEATHER GARMENTS
MANUFACTURERS &
EXPORTERS
ASSOCIATION

TO GETHER
FOR
LEATHER

Leather production hardware and software firms agree to deliver integrated solutions:

Bauce, an Italian manufacturer of leather production machinery, and Luxembourg-based Hidexe, a provider of cloud-based software-as-a-service (SaaS) technology aimed at the hide and leather industry, have agreed to deliver integrated solutions tailored for large global tanneries.

The partnership is said to emphasise a shared commitment to provide comprehensive solutions tailored to every requirement, whether it involves building new cutting-edge facilities, or enhancing and modernising existing installations.

In particular, the collaborative integration of NHQ (Numeric Hide Quality), Hidexe's AI inspection module, with Bauce's sammying machine installations promises streamlined operations and optimised performance.

Hidexe says that the ability of NHQ ability "to rapidly and accurately detect virtually all known hide defects, measure them instantly, and grade them based on adjustable grading algorithms, transforms modern sammying machines into a crucial early point in the tannery production process".

This ensures, the company adds, that only "properly selected hides continue in the production process, thereby avoiding unnecessary waste of water, electricity, chemicals, human labour, and, notably, reducing or eliminating scrap waste".

In addition to the NHQ module, Hidexe brings to the table patented technology for numbering and barcode printing/marking of wet blue and wet white hides, providing tanneries with a solution for enhanced traceability, designed to withstand soaking processes. As Bauce and Hidexe deepen their collaboration, they say they are poised to offer more solutions tailored for large global tanneries.

Ecco Leather Introduces Digitalized Leather:

Ecco Leather has unveiled a groundbreaking solution to revolutionize the design process for creators. Termed Digitalized Leathers, this innovative digital format marks a significant advancement in leather exploration, offering what Ecco describes as a paradigm shift in the industry.

Designers now have access to leathers in a digital realm, enabling swift modifications of materials and colours. This capability not only reduces waste and the need for physical sampling but also streamlines the journey from concept to realization, fostering a more efficient workflow.

Tailored to meet designers' requirements, Digitalized Leathers exhibit remarkable versatility and adaptability, catering to a wide array of industries, from traditional fashion to gaming. While the tactile experience of physical leather remains unparalleled, Digitalized Leathers provide an exceptional digital alternative. They facilitate alterations in colour, drape, and substance, seamlessly integrating into designers' creative workflows.

These digital files are available in SBSAR and PNG formats, ensuring compatibility with commonly used software programs among designers, further enhancing accessibility and ease of integration.

Key Automation Technologies for Leather Manufacturers:

The adoption of automation technologies in the leather manufacturing industry has provided significant benefits, including improved productivity, consistency, quality control, cost savings, safety, and skilled labor shortage mitigation.

Automation technologies play a crucial role in achieving these benefits, and their implementation can help leather manufacturers maintain their competitiveness and meet the demands of the market.

Let's learn about some of the key technologies here in this section.

Leather Cutting and Sewing Machines:

Leather cutting and sewing machines are key automation technologies used in the leather manufacturing industry. These machines have greatly improved the efficiency and accuracy of the leather cutting and sewing processes, resulting in higher quality products and increased productivity.

Leather cutting machines use computer-aided design (CAD) software to precisely cut leather pieces according to specific patterns and designs. These machines can cut multiple layers of leather at once, reducing the time and labor required for cutting. Leather cutting machines also reduce material waste, as they can optimize the placement of pattern pieces on the leather to minimize unused material.

Automated Material Handling and Transportation Systems:

Automated material handling and transportation systems are key automation technologies used in the leather manufacturing industry. These systems improve the efficiency of material handling and transportation, reduce labor costs, and minimize the risk of injury to workers.

Automated material handling systems use robotics and conveyors to move materials and finished products throughout the production process. These systems can handle heavy loads and move them quickly and accurately, reducing the time and labor required for material handling. Automated material handling systems also minimize the risk of damage to materials, as they can handle them gently and precisely.

Robotics and Machine Vision:

Robotics and machine vision are known to improve efficiency, accuracy, and safety in the production process in the leather manufacturing industry.

Robotics are used to automate tasks such as leather cutting, sewing, and material handling. These robots are programmable and can perform tasks with high precision and consistency, reducing the time and labor required for production. Robotics also reduce the risk of injury to workers, as they can perform heavy and repetitive tasks with out the need for human intervention.

Robotics and Machine Vision:

Artificial Intelligence (AI) and Machine Learning are emerging automation technologies that are being increasingly adopted in the leather manufacturing industry. These technologies have the potential to revolutionize the production process by enabling autonomous decision making and predictive maintenance.

AI refers to the ability of machines to perform tasks that typically require human intelligence, such as decision making, problem solving, and learning. In leather manufacturing, AI can be used to optimize the production process by analyzing data from various sources, such as machine sensors and production records.

Robotics and Machine Vision

ERP systems are software applications that integrate various business processes, such as inventory management, production planning, and financial accounting, into a single system.

In leather manufacturing, ERP systems can be used to automate processes such as order management, supply chain management, and production planning. By integrating these processes into a single system, ERP systems enable real-time monitoring and control of production processes, allowing for improved efficiency and productivity.

Pakistan Raw Leather & Leather Goods Exporting Countries:

The top three export destinations for leather clothing from Pakistan were Germany, the United States, and the Netherlands, with market shares of 31.4%, 13.0%, and 8.7%, respectively.

Industry insiders claim that Pakistani leather quality and technique are second only to Italian leather in the world. There are over 800 tanneries in Pakistan, and the Pakistan Tanners Association currently lists 213 members who export finished leather and/or leather products.

Moreover, Pakistan receives its raw skin and hides from China, Kenya, Sudan, Saudi Arabia, and Tanzania. As a whole, major countries importing leather goods from Pakistan include Italy, Germany, France, the United States, Portugal, Singapore, the United Kingdom, Canada, Australia, Japan, Belgium, Spain, Korea, the Netherlands, Norway, Sweden, Mexico, Chile, Poland, Russia, Denmark, and South Africa.

China is the country that produces and exports the most leather and leather products. The Chinese leather sector produces over 4 billion square feet of leather annually, which is more than twice as much as Brazil.

Furthermore, the area continues to be the market's largest consumer thanks to the significant presence of nations with a prominent fashion industry, such as France and Italy. Europe is a significant player in the global leather trade.

Top Exporters Countries Leather Apparel

- Italy
- China
- India
- Pakistan
- France
- Germany
- Spain
- Netherlands
- Vietnam
- Hong Kong

Leather Sector Exports

During the Month of March 2023 & March 2024

Value = (Rupees in Million)
(US Dollars in Thousands)

	March 2023	March 2024	% Change
Leather Tanned	012,379	012,906	- 04.01 %
Leather Garments	014,209	016,804	- 15.44 %
Leather Gloves	023,031	022,870	- 00.70 %
Leather Footwear	008,537	008,706	- 01.94 %
Leather Manufactures	001,152	001,065	- 08.17%
Total Leather Products	046,929	049,445	- 05.09 %

The Pakistan Leather Garments Manufacturers & Exporters Association (PLGMEA) Members meeting with Mr. Mohsin Riaz Randhawa Project Manager of Sudhaar Society - Sialkot Held on 16 April 2024

Upcoming Trade Shows related to Leather & Fur

Exhibition Name	Country	Date	Related industries
TEXWORLD EVOLUTION PARIS 2024	Paris (France)	July 01 - 03, 2024	Leather & Fur, Fashion - Clothing, Textiles - Fabrics For Decoration, Fabrics - Clothing Textiles
IFLE - VIETNAM 2024	Ho Chi Minh (Vietnam)	July 10 - 12, 2024	Leather & Fur, Fashion - Clothing
SHOES & LEATHER VIETNAM 2024	Ho Chi Minh (Vietnam)	July 10 - 12, 2024	Leather & Fur, Fashion - Clothing
PURE LONDON 2024	London (UK - United Kingdom)	July 14 - 16, 2024	Leather & Fur, Fashion - Clothing, Textiles - Fabrics For Decoration, Fabrics - Clothing Textiles
SCOOP X PURE 2024	London (UK - United Kingdom	July 14 - 16, 2024	Leather & Fur, Fashion - Clothing
APPAREL SOURCING NEW YORK CITY 2024	New York, NY (USA)	July 16 - 18, 2024	Leather & Fur, Fashion - Clothing, Fabrics - Clothing Textiles
PREMIÈRE VISION NEW YORK DESIGNS 2024	New York, NY (USA)	July 16 - 17, 2024	Leather & Fur, Fashion - Clothing, Fabrics - Clothing Textiles
TEXWORLD NEW YORK CITY 2024	New York, NY (USA)	July 16 - 18, 2024	Leather & Fur, Fashion - Clothing, Fabrics - Clothing Textiles
TFT EXPO UZBEKISTAN 202	Tashkent (Uzbekistan)	July 22 - 24, 2024	Leather & Fur, Fashion - Clothing, Textiles - Fabrics For Decoration, Fabrics - Clothing Textiles
FASHN ROOMS DUSSELDORF 2024	Dusseldorf (Germany)	July 27 - 29, 2024	Leather & Fur, Fashion - Clothing

Porposed PLGMEA Business Center (Northern Zone)