



Engineering Solutions for Industrial Production Processes

Adhesive Technologies | Process Systems | Production Optimization

Manstechnic Life Technology — application-oriented engineering solutions

Who are we?

Manstechnic Life Technology is an application-oriented engineering partner founded to solve technical challenges in industrial production processes. We go on site, analyze, test, and implement results-oriented solutions.

Our Vision

To be a solutions partner that precisely connects global technologies with local production requirements and is recognized as a benchmark in its industry through its application-based approach.

Our Difference

An engineering approach developed individually for each customer and validated on site.



Our Approach

Each project is managed with a three-step, disciplined engineering process. This structure ensures the right solution is implemented the first time.



1. Analysis

The existing production process, machinery, and material structure are examined in detail. The root cause of the problem is identified.



2. Testing

The defined solution is tested under real production conditions in a pilot trial. Performance data is captured.



3. Implementation

The validated solution is integrated into production. Process monitoring and technical support continue on an ongoing basis.

Why Manstechnic?

Solutions tested on site

Every solution we recommend is validated in a real production environment and has proven performance.

Application-oriented engineering

Not theoretical, but practical. Every analysis and recommendation is aligned directly with production conditions.

Global technology partnerships

Through strategic partnerships with world-leading manufacturers, we gain direct access to state-of-the-art technology.

Measurable performance improvement

Every implementation is evaluated against concrete KPIs. Data before and after process optimization is reported.



Measurable Impact

Manstechnic solutions deliver direct and verifiably documented improvements in customers' production lines.

%30

Defect Reduction

On average, a 30% reduction in defect-related scrap rate is achieved in production.

%20

Faster Production

In optimized processes, an average 20% increase in production speed is achieved.

%25

Cost Optimization

In terms of material and process efficiency, an average cost reduction of 25% is achieved.

** These values reflect the average results achieved from customer projects across various industries. Individual results may vary depending on production conditions.*

Our Service Areas

Manstechnic offers engineering services specialized in four critical dimensions of industrial production processes.



Adhesive Solutions

Selection, testing, and optimization of adhesives tailored to material and application



Process Systems

Analysis, redesign, and efficiency improvement of production processes



Production Optimization

Identification and elimination of energy, time, and resource losses



Machine Solutions

Consulting for new equipment installations and the evaluation of used machinery

Adhesive Solutions

Weak bonding, incorrect material selection, and application errors lead to irreversible losses in production. Manstechnic connects the right adhesive with the right application.

Problems with weak bonding

Joint failures, surface preparation errors, and insufficient strength are analyzed and resolved.

Material compatibility

Compatible adhesive systems are identified and tested for plastic, metal, wood, and composite surfaces.

Application-specific selection

The most suitable formulation is selected considering temperature, humidity, vibration, and load conditions.





Process Optimization

Identified Losses

- Unplanned downtime and line interruptions
- Excessive material consumption and scrap rates
- Unnecessary energy consumption
- Process steps with bottlenecks

Our Approach

The production line is analyzed from start to finish. The efficiency of each step is measured, and losses are made visible. An engineering-driven improvement plan is then implemented.

Energy efficiency, line balance, and process speed are optimized simultaneously. The result: fewer losses, higher performance.

Machine and Line Solutions

When deciding to expand production capacity or modernize lines, selecting the right machinery is critical. Manstechnic provides technical consulting and assessment services throughout this process.

New Line Commissioning

Depending on capacity requirements, floor-space planning, and budget parameters, the most suitable machine and system configuration is defined. Support is provided for supplier selection and the integration process.

Assessment of Used Machinery

The technical condition, maintenance history, and production compatibility of used equipment are expertly analyzed. The balance between risks and opportunities is clearly presented.



Industries We Serve

Manstechnic's technical solutions are designed to solve complex challenges across a wide range of manufacturing sectors.



Food and Beverage

Hygienic adhesive and packaging solutions



Packaging

High-speed line applications and adhesive solutions for high volumes



Furniture

Special adhesive systems for wood and panel surfaces



Composites

High-performance structural bonding and surface adaptation solutions



Automotive Industry

Reliable bonding solutions resistant to vibration and heat



Industrial Manufacturing

Process and adhesive optimization for general production lines

Case Study: Optimizing a Packaging Line



Problem

At a mid-sized packaging company, the scrap rate due to bonding errors was 18%. Equipment downtime and rework costs significantly impacted production efficiency.



Solution

The Manstechnic team conducted an on-site analysis. The incorrect adhesive viscosity and application temperature were identified. The hot melt system from Power Adhesives was adjusted, and the application parameters were recalibrated.



Result

The scrap rate dropped from 18% to 4%. Equipment downtime was reduced by 60%. Annual material cost savings of 22% were achieved. The payback period was under 6 weeks.

Technical Expertise

Manstechnic's engineering expertise is shaped not only by product knowledge — but also by hands-on experience and application validation.

Field Testing

Every solution is tested in the customer's real production environment under actual conditions. Laboratory results are validated on site.

Application Validation

Pilot application data is systematically recorded and analyzed. The system is not put into operation until performance targets are met.

Engineering Analysis

Material compatibility, process parameters, and long-term durability are documented and reported in accordance with technical standards.



Our Distribution Partnerships

Manstechnic is the authorized distributor in the Republic of Türkiye and the Turkic states for the following global brands.



Power Adhesives

UK-based market leader in hot-melt adhesive systems. A global benchmark for industrial and packaging applications.

Distribution territory: Republic of Türkiye and Turkic states.

EasyReal


High-performance adhesive and sealing solutions.

Distribution territory: Republic of Türkiye and Turkic states.

Johannes Kiehl KG

Germany-based specialist in industrial cleaning and care chemicals.

Distribution territory: Republic of Türkiye and Turkic states.

 All distribution agreements include technical training, certifications, and after-sales support processes.

Our Representations

Manstechnic is the authorized regional representative for the following global brands.



Based in the Netherlands, a specialist in high-performance industrial lubricants and maintenance chemicals.

Representation area: Republic of Türkiye and Turkic states.

Kisling

Swiss specialist in structural adhesives and surface preparation technologies.

Representation area: Aegean Region.



Bianditz

Bianditz is a Spain-based technology manufacturer that aims to improve operational efficiency with its plant and application solutions for industrial production processes.

Representation area: Aegean Region.

 skelex


Ergonomic support and occupational safety solutions.

Representation area: Aegean Region.

 **jalas**[®]

Occupational safety and ergonomic equipment.

Representation area: Aegean Region.

 All representation agreements include technical support, training, and after-sales services.



Creating added value for production together.

At Manstechnic Life Technology, we believe that every production line has its own challenges. We do not offer standardized turnkey solutions — we go directly on site, analyze, test, and implement results-oriented technical solutions.


Let us optimize your production process together.


Contact

Contact us to discuss your production processes. The initial technical consultation is free of charge.

Manstechnic Life Technology

Industrial engineering technologies

 info@manstechnic.com

 www.manstechnic.com

 +90 533 927 00 42

Our Areas of Activity

- Adhesive technologies
- Process systems
- Production optimization
- Machine and line solutions

For a request for a technical consultation, you can use email or the web form.