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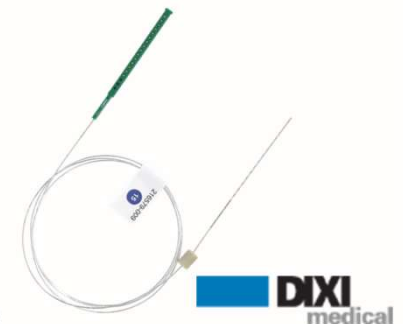
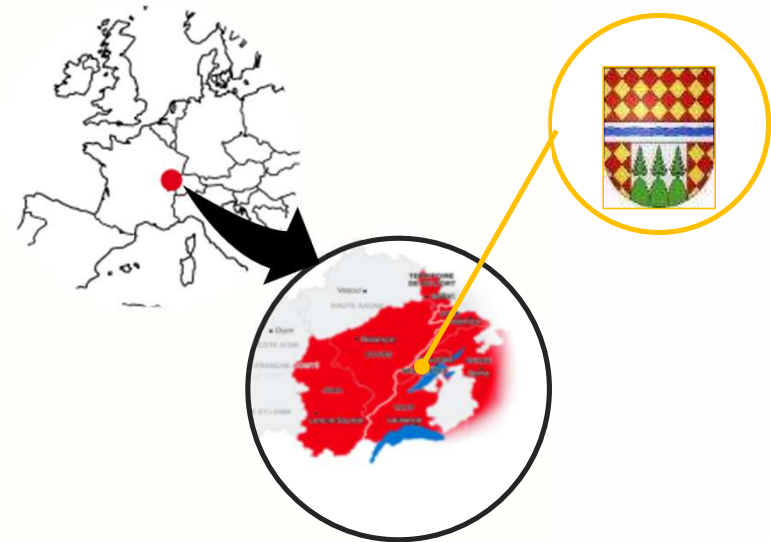
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DIXI Group: A Legacy of Precision



Founded in 1904 in Le Locle, Switzerland, DIXI Group has evolved from a manufacturer of high-precision watchmaking machinery to a diversified industrial powerhouse.

Marksa is one of the DIXI Group companies specializes in Cooling Systems, Compressed Air and Vacuum solutions for the industry.



Challenges in the Cooling Systems

- 1** — **System Reliability**
Ensuring consistent performance and reliability in various operating conditions to prevent equipment failures, guarantee precision of execution, and enhance lifecycle of components and systems.
- 2** — **System Maintenance**
Systems that are easy to repair boost ROI by reducing downtime, increasing lifetime, increasing efficiency, and supporting sustainability, ultimately improving long-term profitability.
- 3** — **Thermal Management**
Maintaining optimal temperatures in increasingly compact and powerful machinery, particularly in high-performance applications.
- 4** — **Integration**
Integrating cooling systems with existing equipment and processes without disrupting operations.
- 5** — **Cost-Quality Balance**
High initial investment and maintenance costs for advanced cooling systems can be a barrier for many companies but it's mandatory to ensure the durability of the system to avoid extra costs.

Core Expertise

Specialises in industrial cooling, compressed air, and vacuum solutions. Develops bespoke cooling systems for diverse industrial applications.

Production Focus

Excels in small series production, typically under 100 units. Official dealer of Atlas Copco for compressed air solutions.

Client Base

Primarily serves machine manufacturers and industries with production areas. Provides tailored solutions for specific industrial needs.

Marksa's Core Business Lines



Industrial Cooling

Tailored cooling solutions for diverse industrial applications. Efficient systems designed to meet specific customer requirements.

Compressed Air and Vacuum

Reliable compressed air and vacuum systems. Official dealer of Atlas Copco, offering expert dimensioning and installation.

After-sales Support

Comprehensive maintenance and repair services. Utilising deep technical expertise to ensure optimal system performance.



1

Conception

- Complete development based on customer requests
- Adaptation of our standard products
- Sizing of Cooling industrial installations

2

Production

- Swiss Production with high flexibility
- All products are 100% controlled

3

After-sales

- Installations
- Maintenance
- Repair service

1

Conception

- Sizing of Compressed air and Vacuum installations

2

Production and Distribution

- Vacuum: Swiss Production
- Compressed Air: Official Distributor Atlas Copco

3

After-sales

- Installations
- Maintenance
- Repair service

Industrial Cooling: Marksa's Systems



Standard Products

- Water Cooling System (CSW)
- Custom Design (CPW)
- Oil Cooling System (CSO)
- CPO

Scope of Use

- CNC
- Machines: Special, Laser, Measurement, etc
- Industrial facilities
- Industrial Processes
- etc



1 Adaptation of Existing Products

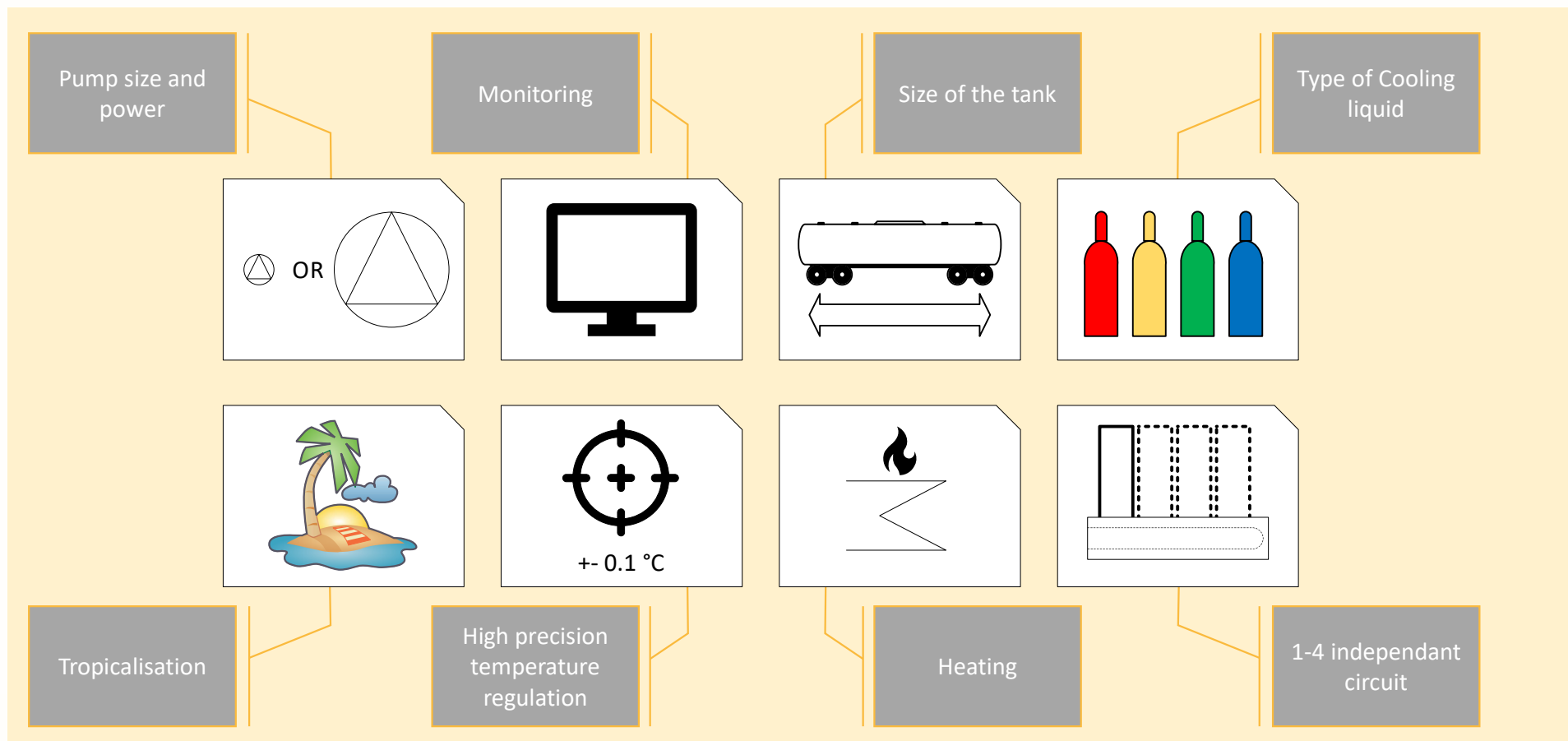
Efficiently modifies standard products to meet specific needs. Leverages in-depth knowledge of designs for quick customization.

2 Complete Design

Creates products from scratch based on customer requirements. Utilises internal expertise for rapid, tailored solutions.



Industrial Cooling: Customization Options





CSW 900 - O3C: High-Performance Cooling

Powerful Cooling

9 kW cooling capacity. Handles demanding thermal loads in industrial applications.

Versatile Design

Multi-circuit, multi-medium thermal regulation. Replaces three separate chillers for streamlined operations.

Precision Control

$\pm 0.1^{\circ}\text{C}$ temperature accuracy. Ensures stable conditions for sensitive processes.

Space-Efficiency

Compact footprint. Maximizes floor space utilization in manufacturing environments.

Industrial Cooling: Project Example



CSW 100 Custom: Specialized Cooling Solution

Ice Water Cooling

0°C tank provides ultra-low temperature cooling. Ideal for precise thermal management applications.

Medical-Grade Build

Stainless steel construction ensures hygiene. Meets stringent requirements for medical and laboratory use.

Precision Pumping

Peristaltic micro-pump offers accurate flow control. Suitable for sensitive fluid handling operations.



Industrial Cooling: Project Example



CSW 100 Custom: Compact solution

Space-Saving Design

Extremely compact form factor. Fits easily on workbenches or in tight spaces.

Quiet Operation

Low-noise build for distraction-free environments. Ideal for laboratories and office settings.

Precise Temperature Control

$\pm 0.1^{\circ}\text{C}$ accuracy ensures consistent cooling. Supports sensitive research and industrial processes.



Next-Generation Cooling Systems: Ongoing Developments

- 1 — Enhanced Power Range**
Develop systems with 1-6 kW cooling capacity. Maintain precise temperature control across wider power spectrum.
- 2 — Natural Refrigerants**
Integrate flammable hydrocarbon refrigerants. Improve environmental sustainability while ensuring safety compliance.
- 3 — Adaptive Control**
Implement variable-speed compressors for dynamic cooling. Optimize energy efficiency through intelligent load matching.
- 4 — Modular Design**
Create adaptable, cost-effective cooling modules. Enable customization and streamlined manufacturing processes.



Marksa Additional Customer Services



1

Chiller Rental

MARKSA maintains a diverse fleet of chillers for temporary needs. We offer flexible EXW terms with other Incoterms available.

2

Used Chiller Buyback

We occasionally repurchase used chillers from customers. This service supports equipment upgrades and changing cooling requirements.

3

Chiller Disposal

MARKSA provides responsible disposal services. We handle chiller destruction and proper cooling liquid treatment.

4

Delivery Options

While customers typically arrange transport, MARKSA can coordinate national and international deliveries upon request.

5

Incoterms

EXW by default (another Incoterm are possible)

6

After-sales Support

Complete after-sales support for Marksa and others' products.

Marksa Comprehensive After-sales Support



Versatile Expertise

Our technicians service both MARKSA and competitor products. We offer a complete range of maintenance and repair work.

Rapid Response

Our fully-equipped service vehicles enable quick, on-site repairs. Most issues are resolved in a single visit.

Skilled Technicians

Our highly qualified team undergoes regular training. They stay current with the latest chiller technologies and repair techniques.

Comprehensive Care

From routine checks to major overhauls, we maintain and repair all aspects of chiller installations.



Marksa Advantages



Products

- High-quality products (reliable, durable, resistant).
- Customize to fulfill customer needs (color, volume, placement in the machine...).
- Fully manufactured in-house.

Services

- Responsive and efficient After-sales.
- High-qualified technical team to provide service for Marksa and competitors' products.
- Installation maintenance to ensure its durability and perfect running.





Thank you for your attention!!

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