

CMECH

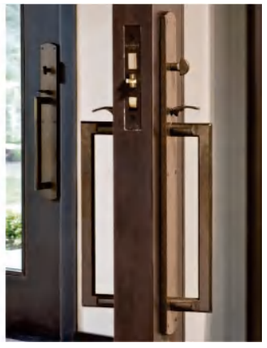
CMECH

Global Provider of Window and Door Hardware System Solutions

CMECH's business began in the 1990s, initially focusing on storm door hardware and becoming qualified to supply its first brass hardware kits to the U.S. market.









In 1999, the company established its main manufacturing facility in Guangzhou, supporting larger-scale, export-oriented manufacturing.

Over the decades, CMECH has steadily evolved: entering the aluminum C-groove hardware segment in China in 2012, launching its lean-manufacturing journey in 2014, and enhancing production through automation while expanding into Southeast Asia from 2016 onward.







Looking toward 2026, CMECH is driving digitization and AI-enabled transformation and extending its presence to the Middle East and Australia, supplying a broad portfolio of high-quality window and door hardware systems.

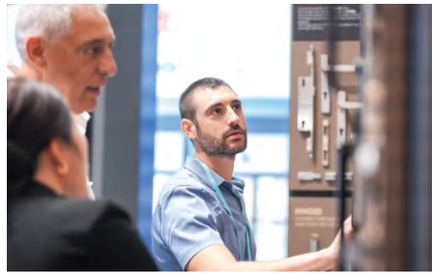
Serving Countries









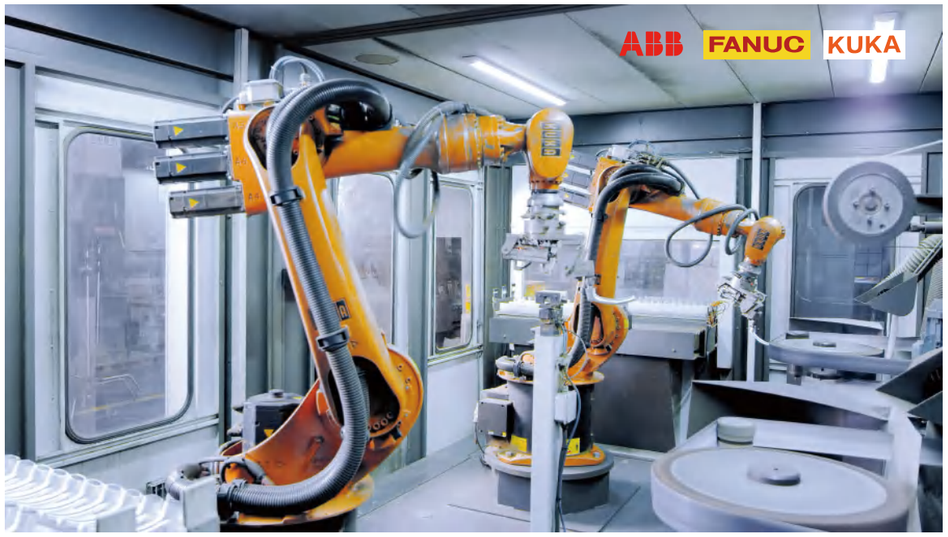




Over the past 30 years, CMECH has been one of the leading window and door hardware providers in the US and China, and has gradually expanded into Europe, Africa, the Middle East, and the Asia-Pacific region, with business now covering more than 30 countries.

CMECH remains firmly committed to independent R&D and in-house manufacturing, with a strong focus on the full range of European-standard hardware and systems, as well as hardware solutions for diverse climate conditions. Leveraging advanced surface-treatment technologies, the company delivers customized hardware system solutions for different regions and markets worldwide.

Manufacturing & Quality

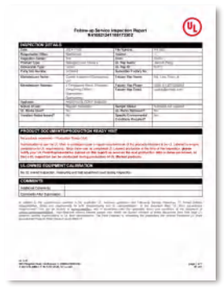


CMECH combines large-scale, digitally driven manufacturing with rigorous quality management to deliver reliable window and door hardware to customers worldwide.





- 1,200+ employees, including 100+ R&D engineers and technical specialists
- ISO- and ANSI-certified manufacturing facilities, incorporating UL requirements
- Lean manufacturing and automation across key production lines to ensure consistent quality
- Digitalization and AI technologies embedded in production and monitoring for data-driven control
- CNAS-accredited in-house R&D and testing laboratories supporting continuous improvement and global validation




CMECH

Aesthetic & Design



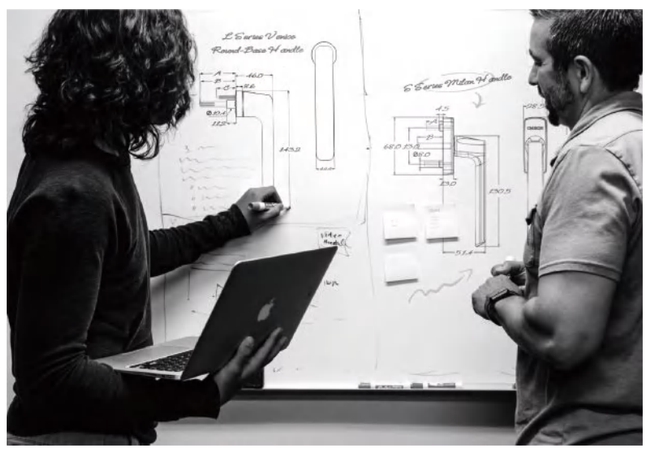
Designed Simply, Made Modern.





CMECH treats design as an essential part of its identity. A dedicated aesthetic and industrial design team follows a clean, minimalist design language that balances proportions, touch and usability.

This minimalist approach has become the signature of CMECH products-simple in form, precise in detail and compatible with a wide range of architectural styles. Our designs have received international recognition, including Germany's iF Design Award and Red Dot Design Award.









Innovation & Customization







Innovative hardware, tailored solutions.

Building on over 30 years of design and manufacturing experience, CMECH develops complete door and window hardware systems with innovation and engineering excellence at their core.



We advance process technologies and industry-leading surface treatments, delivering long-lasting protection proven in up to 4,000 hours of salt spray testing. Backed by more than 400 patents across the U.S., Canada, Australia, China and other markets, CMECH provides customized R&D support and co-development services to create hardware solutions precisely tailored to your systems and projects.





Window Hardware Solution

We offer innovative hardware solutions tailored to different profiles, giving you a wide range of choices. With efficient modular configurations and easy installation methods, our solutions deliver a smoother installation experience and help keep your projects seamless and efficient.





Tilt & Turn
Window Solution



Inswing Casement
Window Solution



Sliding
Window Solution



Pull & Slide
Window Solution



Window With Fly Screen
Solution



Outward
Window Solution



Top Hung
Window Solution



Bottom Hung
Window Solution

Door Hardware Solution

At the core of our approach are meticulous design, high performance, and uncompromising safety. We focus on delivering systematic configuration solutions and using fast, convenient installation methods, so you enjoy an exceptional product experience that exceeds expectations.

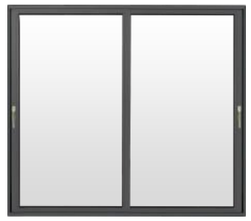




CMECH



Sliding Door Hardware Solution



Pull & Slide Hardware Solution



Lift & Slide Door Hardware Solution



Casement Door Hardware Solution



Bi-Folding Door Hardware Solution

Surface Finish

CMECH follows the philosophy of “from surface to core, precise protection” and provides targeted surface treatments for the entire hardware system. Based on each component’s position, exposure conditions, and function, we precisely match the treatment process and scientifically define protection levels, achieving an optimal balance between cost and performance and ensuring long-term, stable support for windows and doors.





Powder Coating

Salt-spray test:

More than 1,000 hours

Technical highlights:

Environmentally friendly electrostatic powder coating forms a uniform and durable protective layer, delivering reliable basic corrosion protection and long-lasting color stability.

Protection level:

Provides dependable baseline protection that meets durability requirements in everyday environments.





CMECH patent solution

Salt-spray test:

up to 2,000 hours

Technical highlights:

A self-developed multi-layer coating process significantly improves coating density, weather resistance, and UV resistance, greatly enhancing performance in harsh climates.

Enhanced protection:

Designed for demanding climates and high-frequency use, it offers enhanced protection for key visible parts and moving components.

CMECH

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DESIGN AWARD 2024

reddot winner 2025

reddot winner 2022

reddot winner 2022

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