Your world of doors
THE MACO RANGE FOR YOUR TIMBER, PVC AND ALUMINIUM DOORS
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Some people require extra security, others convenience, and some just don’t want any obstacles in their way. Everyone, however, wants a door that’s energy-efficient, sealed, and burglar-resistant. One that provides protection while still being a good first impression for the house.

With the lock solutions and extensive accessories presented in this brochure, we will give you the tools to demonstrate your knowledge when it comes to doors. You can combine all of these from one source in order to deliver custom-tailored doors in as much variety as your customers’ wish for, while still being able to serially produce your products.
Your profit
Your success

The choice doesn’t have to be difficult. Make it easy with the huge range of possible options, in door manufacturing, and MACO’s modular system. With it you will get all components for all door sizes, and striker plate solutions for all profile systems, materials, and special requirements. Plus everything comes from a single source.

It will make you a professional in customer service, flexible in design, make you quick to assemble, and have cost-effective production. Plus, our functional components help you minimise your stock inventory.

Open the door to success with MACO.
Do you need something that's not in our product range? Then we’ll work with you to develop new solutions, tailored to your requirements and your customers' needs, while being perfectly adapted to your profile system.

Feel free to ask us about customised solutions.
Quality right from the start

Service right until the finish

Product quality is essential for successful collaboration. At MACO we offer that right from the start and follow it up with our leading technology and excellent service, to get you to the finish line.

You’ll love the fact that our components are easy to work with and don’t require much maintenance.

You’ll stand out from the crowd with the details that make the difference. High quality materials for reliable functions, clever design for maximum resilience, and innovative designs for the future.

The high-performance punching machine for the production of the cuff moves 2,000 kg of steel in one hour. That is 24 meters of steel per minute for the production of 10 parts per minute.
Three factories in Austria, a door lock assembly plant we call our own, a collection of fully-equipped machines, 96% of our products produced in-house, and 100 employees dedicated to 100% quality assurance on every one of our door locks. Currently we sell about 800,000 door locks per year and this number is rising fast. We export to over 40 countries around the globe. So many customers can’t be wrong.
Easy to lock?
Yes, at multiple points

You want extra security? Check in with PROTECT. It’s the multi-point locking system with up to nine times more security, for all of your needs, requirements, and even tastes.

For particularly demanding customers, you can rely on our triple latch locks. The proven technology that delivers optimal gasket compression over the whole height of the door, while still giving you the locking system of your choice: manual with a key, automatic, or motorised.
Special features?
With us, they’re standard!

Do you want to stand out by offering something special? With MACO you can. Our solutions enhance your door expertise and will give you the that extra touch that makes the difference in customer service. Choose the details that make the difference, boosting quality and value.

Keep reading to find out more.

**UNIQUE CORROSION PROTECTION**
for use in acidic timber

**Z-TS**
Smoohest lock mechanism on the market

**C-TS**
Lever-operated lock with extra flood protection
MODULAR SYSTEM
A lock for every door height

A-TS
Self-locking automatic lock

M-TS
Fastest motorised lock on the market
Do you have different clients with different wishes?
No problem. With us, you can meet all of your customer’s needs. Whether they want their door locks to be cylinder-operated, handle-operated, with manual or automatic locking, or with or without access control. The best thing is that straightforward adaptation means it’s easy for you to offer customers a wide variety of products.
# PROTECT

## Overview of the range

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<th>Central locking function</th>
<th>Cylinder-operated</th>
<th>Handle-operated</th>
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<td>M-TS</td>
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<td>Day release optional</td>
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## Additional features

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- Cylinder-operated: M-TS, A-TS, Z-TF, Z-TS
- Handle-operated: G-TS, C-TS, G-TA
- ✓: Available
- –: Not available
Modular faceplate lengths

What size fits your door?

You don’t have to customise them every time, even though you’ll need to take measurements for every door.

With selected locks from the PROTECT module system, you benefit from our building-block concept that makes it quick and easy for you to work with any height of door, from XS to XL and up to 3100 mm high.

You’ll also become more efficient, being able to offer products tailored to customer needs with a lean inventory and fast assembly.

It’s available for A-TS, Z-TS and G-TS.
Using the MACO faceplate modules, you have the flexibility to implement customer specific security requirements.

You benefit from additional options too, like an extra lock, a door turn restrictor, a magnetic cam for the integration of a locking monitoring device, or additional locking points. They can all be flexibly installed on the faceplate. The result is, your door is as secure as you and your customers require.
The fastest motorised lock
M-TS

You want to maximize comfort and speed? Then choose the fastest motorised lock on the market.

Why? Three latches generate more gasket compression than a motor. Using the triple-latch technique, mechanical door locking ensures that the door closes properly before the motor locks or unlocks it. That ensures fast power transmission that opens the door quicker, since the motor sits directly on the main lock case and controls the locks directly.

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PULL BAR HANDLE WITH INTEGRATED FINGER SCAN
Unlocks and opens the door

STANDARD INSTEAD OF NON-RESTRICTED CYLINDER
The motor is uncoupled from the cylinder
TRIPLE-LATCH TECHNIQUE
For high closing force and energy efficiency

MOTOR RIGHT NEXT TO THE MAIN LOCK CASE
That makes the lock really fast and quiet and only requires one milling job

Everything you need – made ready

› With MACO, you get everything today’s doors need: secure locking, multiple opening solutions, as well as integrated smart home-compatible locking monitoring. That’s the definition of top-flight technology.

› Locking monitoring is integrated with the M-TS as a standard and comes with the power supply adapter, cable transition, and power transmitter spring contact.
The self-locking automatic lock
A-TS

Just pull the door shut and it locks at three locking points. No need to manually lock the door with a key. It’s practical for any kind of door, plus it’s recognised by insurance companies and approved by the German security certification agency VdS.

Stand out from the competition by offering customers the only automatic lock that also activates the locking bolt. How? The three latches generate automatic gasket compression before the magnetic trigger slides the three locking hooks into the frame.

Do you want keyless or motorised unlocking for the A-TS? No problem. Just add the motor.
The smart home-enabled A-TS

- It goes without saying that the A-TS is smart home ready. Simply complement it with lock monitoring, that has lock switch contact, and integrate it into any conventional alarm or smart home system.

- It’s also certified by the German security certification agency VdS.
The semi-automatic door lock

Z-TF

This triple-latch lock features a cranked latch that ensures perfect gasket compression, as well as quiet and secure closing. It closes the door tight but requires manual locking. That’s why this tried-and-trusted lock is such a classic solution in the PROTECT product range.

The new model, which includes locking with multi-functional latch and hooks (MF-HO), is based on the same platform as our premium A-TS and M-TS locks. You’ll score extra points with your customers, as you’ll be able to offer them a range of models with this lock.

CRANKED LATCH
For smooth and quiet closing

EASY DAY RELEASE
Only needs one electric opener compared to 3 previously
Why make things complicated when they can be so easy? Whether you’re using automatic, semi-automatic, or mechanical locks, locks with MF-HO closure are based on the same striker plate program. Boost your productivity by making A-TS and M-TS on the same basis.

One striker plate platform covering multiple locks

FRENCH CASEMENT DRIVE GEAR
For double-sash doors

SECURITY CAMS
Practical, secure and versatile: the Z-TF is still available with up to 4 security cams if you’re looking for an alternative to hook-based locks
The smoothest lock on the market
Z-TS

Without the shadow of a doubt, our Z-TS lock is the smoothest drive gear lock base on the market. It just keeps on going, and is as reliable as a Swiss watch.

That’s not all. It’s ultra-secure too. The drive gear and cranked latch deliver smooth operation, while the main lock case and four additional lock cases, with their hook and bolt combination, make the lock highly burglar-resistant.

In fact, it’s so secure that it’s the first door lock to be included in the German police force’s list of burglar-resistant product manufacturers.
G-TS is our best-selling handle-operated door lock. Like Z-TS, the G-TS modular lock has multiple functions that meet a wide range of customer needs while maintaining a high level of standardisation.

Our faceplate modules can be combined in different ways, enabling you to create doors up to 3,100 mm high and equip them with hook and bolt locking, magnetic cams for locking monitoring, or a door turn restrictor. Planning on using acidic timber? No problem. Our corrosion protection layer for the lock cases will keep your locks operating for many years.

You benefit from our range of additional elements, and you can offer customers an extensive lock portfolio, while minimising stock inventory.
Think global, act local! It’s so easy, with MACO’s country-specific solutions. Our special development for the French market, G-TA, is a cost-effective automatic lock that you can use on front entrances, side entrances, and balcony doors. It also generates gasket compression automatically. You’ll find it very practical.

You’ll score extra points from the security perspective, too. That’s because the G-TA closes the latch automatically via the insert, while the door is locked manually with a key.

The G-TA comes with four security cams as a standard. This variety only has one lock case, so it reduces your milling work. It’s also RC2-compliant. Want to add two hooks? No problem. You can also implement the G-TA as a manual lock. It has the same dimensions but won’t activate the latch automatically.
We've achieved just the right balance between standardisation and market-specific products. For example, we designed the C-TS specially for the British market. It’s a lock with two functions in a single unit. It is handle-based and has alternate (split spindle) operation, with no extra components necessary.

You and your customers will really appreciate the reduced milling work, as well as the wide variety of application areas. These range from doors in listed buildings, to doors with cylinders positioned higher up. Not to mention the trendy stable doors whose top and bottom halves are divided.

We naturally include verified security and PAS 24 as a standard.

Do you have customers in low-lying or flood-risk areas? Then you’ll be interested in the C-TS variant with its special flood protection setup. After all, unusual circumstances demand unusual solutions.
Our locks
Which is best for your door?

Every type of lock has its unique purpose and strengths. Are you wondering which you should choose? Find out here, which mechanisms and locks go together and what their differences are. You can also ask your MACO sales representative for assistance.

The security pin – effortless RC2 safety

› The easiest way to create an RC2-compliant door is to combine the main lock case with 4 security cams.
› That way, you deliver security with minimal milling work, as well as perfect sound, and insulation.
› Available with Z-TF, Z-TS, G-TS, C-TS and G-TA locks.

3 latches with hook closure for premium locks

› 3 multifunctional latches with two hooks that extend upwards (MF-HO). That’s the perfect combination for maximum security and convenience.
› The multifunctional latches generate the highest level of gasket compression, while the hooks grip the faceplate and ensure even tougher burglar-resistance, as well as smoother locking.
› Included as standard with M-TS, A-TS and Z-TF.

SECURITY CAM

MF-HO
Multifunctional latch with hooks
Hooks, bolts, or both? It’s only a question of taste! The striker plates stay the same

- The hooks (HO) provide maximum burglar resistance, and the bolts (BO) ensure a higher air gap tolerance. You can also combine hooks and bolts (HO-BO) for an interesting solution, if you want to produce a high-security model with up to 9 locking points.

- Whichever type you choose, the striker plates are the same.

Many choices made easy

- You can use our MF-HO locks with hooks, bolts, or hooks and bolts combined, along with one and the same striker plate range. That streamlines your production and reduces your parts inventory.

- Have customers who want a day release so the door stays unlocked during the day? With our MF-HO platform, you can implement this with a single electric opener for all three latches. So practical!
Multiple locks
One striker plate platform

Our single striker plate platform for all premium locks, with multifunctional latches and hooks, bolts, or a hook and bolt combination, save you both time and money on your production processes. Why?

You will be working with the same milling dimensions, screwing and drilling hole patterns, and case positions. That makes your machine settings easier, reduces stock inventory and logistics, and ensures efficient production. This standardisation offers you much more flexibility.
Faceplates are more than just cover trims. They give the door an appealing look and are available for various systems and profile geometries. Check out the illustrations. Our models from left to right are: the top hat, round end, flat, and U-faceplate.

The unique top-hat faceplate puts an attractive face on the locking mechanism, and is a fabricator’s best friend. Why? It elegantly covers up any milling inaccuracies. These disappear behind the trapezoidal rebate leg and dirt build-up becomes a thing of the past.

It’s not just a pretty face. It also boosts security by adding more stability and even better results in burglar-resistance tests.
Do you manufacture aluminium systems? Then you’ll appreciate our selection of door locks with stainless steel faceplates. They’re really attractive too, featuring a top-quality brushed finish. Also available as a U-faceplate.
Security isn’t only important when you’re closing and locking a door. With our new automatic and motorised locks, you can offer your customers modern access control solutions that don’t need a key to open them.

Just fit the keypad or fingerprint scanner onto the door leaf. They’re easy to install, since they come with ready-to-use plug connections between the motor, operating panel, and control unit. Since the control unit is on the inside, they’re tamper-proof too.

Of course, we also provide power supply units, plug-in cable ducts, and power transmitter spring contacts for power delivery.
Opening doors with a mobile phone is already a must for the modern smart home. There are, however, even more benefits to this technology.

Maybe you have customers who want to let their family members in, and offer temporary access to friends, relatives, or neighbours. You’ll be able to meet their needs with our modern access solutions.

They can easily define access to their homes with the Bluetooth finger scanner and manage it with the smartphone app. That way, they can create entry permissions once for each visitor and activate or deactivate them with the app whenever they want. Their visitor won’t need to scan their finger each time.
With MACO you will have a reliable supplier of hardware fittings at hand. You can also expect a little more from us. Benefit from our wide-range of services and expertise. Need technical support? Or software as an interface between the hardware fittings and your window construction program? Then MACO is your best choice.
We make life tough for burglars. At MACO, we’re your specialist when it comes to preventing break-ins, and offering an extensive security concept around our door fittings. We carry out tests together with our customers, at recognised testing institutes, and support you from A to Z with our expertise.

Guarantee?
Guaranteed!

At MACO, you get a 10 year functional warranty on many of our products. Plus, you can count on our experience in corrosion prevention. You and your customers benefit from our excellent quality surface finishes, and we guarantee them for 15 years (ten years when you use it on accoya or oak).

Secure?
Secure!

We make life tough for burglars. At MACO, we’re your specialist when it comes to preventing break-ins, and offering an extensive security concept around our door fittings. We carry out tests together with our customers, at recognised testing institutes, and support you from A to Z with our expertise.
Our sales team is your first point of contact. They’ll advise you on the right product solutions for you and answer any questions you may have. Our technical customer service is on standby too, along with our internal system advisors. They can help you by phone quickly and competently. We make sure you’re well looked after, whatever your project.

Have a question?
We have the answer

Our “Technical Online catalogue MACO”, or TOM for short, is where you can find everything you need to work with our door fittings. From article tables, to diagrams, to hardware assembly. With MacoWinPlus, you benefit from unique software that’s the interface between your hardware fittings and your window or door construction program.

Need data?
Access provided
Many fittings
We navigate you through

You won’t get lost in a tangle of fittings. MACO provides you with extensive documentation that supports you throughout your production process. Our instructions, flyers, and product information is easy to understand and will tell you everything you want to know. We’re not just your supplier. We’re your business partner.
Do you need more information about our products and system solutions? Our website www.maco.eu is there to help you, available in country-specific versions. Click on the menu item >>Downloads<< and browse through a wealth of assembly notes, maintenance instructions, product datasheets, and brochures.

At MACO, you don’t search, you’ll find.
You want everything from a single source?

We provide you with complete solutions for sliding doors, windows and doors - for timber, PVC and aluminium. Experience our versatile system offer, comprehensive service included. Discover more of this on our website www.maco.eu or contact your MACO representative.