

MACO
FITTINGS



TECHNOLOGY IN MOTION



MACO
FITTINGS



The Success of MACO

is based on the following criteria
SECURITY
RELIABILITY
CREATIVITY
DIFFERENTIATION

It is a business that acts in regards to finding better product solutions, greater consultation which creates an environment in which businesses can grow together.

SECURITY is when you have a partner,

- that has all its own production facilities within its own Country which can guarantee and maintain a high level of quality;
- that has been in the market for over 50 Years, an owner-led enterprise with a high personnel continuity and stability in the market.

RELIABILITY is when you have a partner,

- that manufactures 98% of products in house and is fast and flexible to react to changes in the market;
- aligns its future to the supply and security of its customers;

- which offers fitting solutions from one broad product range and delivers it to your factory on a just in time basis.

MACO FITTINGS



More Perspectives for your own Profile!

MAYER & CO BESCHLÄGE GMBH
ALPENSTRASSE 173
A-5020 SALZBURG
TEL +43 (0)662 6196-0
FAX +43 (0)662 6196-101
maco@maco.at
www.maco.at

**MACO DOOR & WINDOW
HARDWARE (U.K.) LTD**
EUROLINK INDUSTRIAL CENTRE
CASTLE ROAD, SITTINGBOURNE
KENT ME10 3LY
TEL +44 (0)1795 433900
FAX +44 (0)1795 433901
maco@macouk.net
www.maco.uk.net

**MACO BESCHLÄGE
GESELLSCHAFT M.B.H.**
GERMANY
d-maco@maco.de

MACO BESCHLÄGE B.V.
NETHERLANDS
info@maco-nl.nl

MAICO SRL
ITALY
maico@maico.com

THE MACO-GROUP

**MACO HARDWARE
(TIANJIN) CO., LTD**
CHINA
j.zhang@maco.at

MACO POLSKA
POLAND
maco@demo.pl

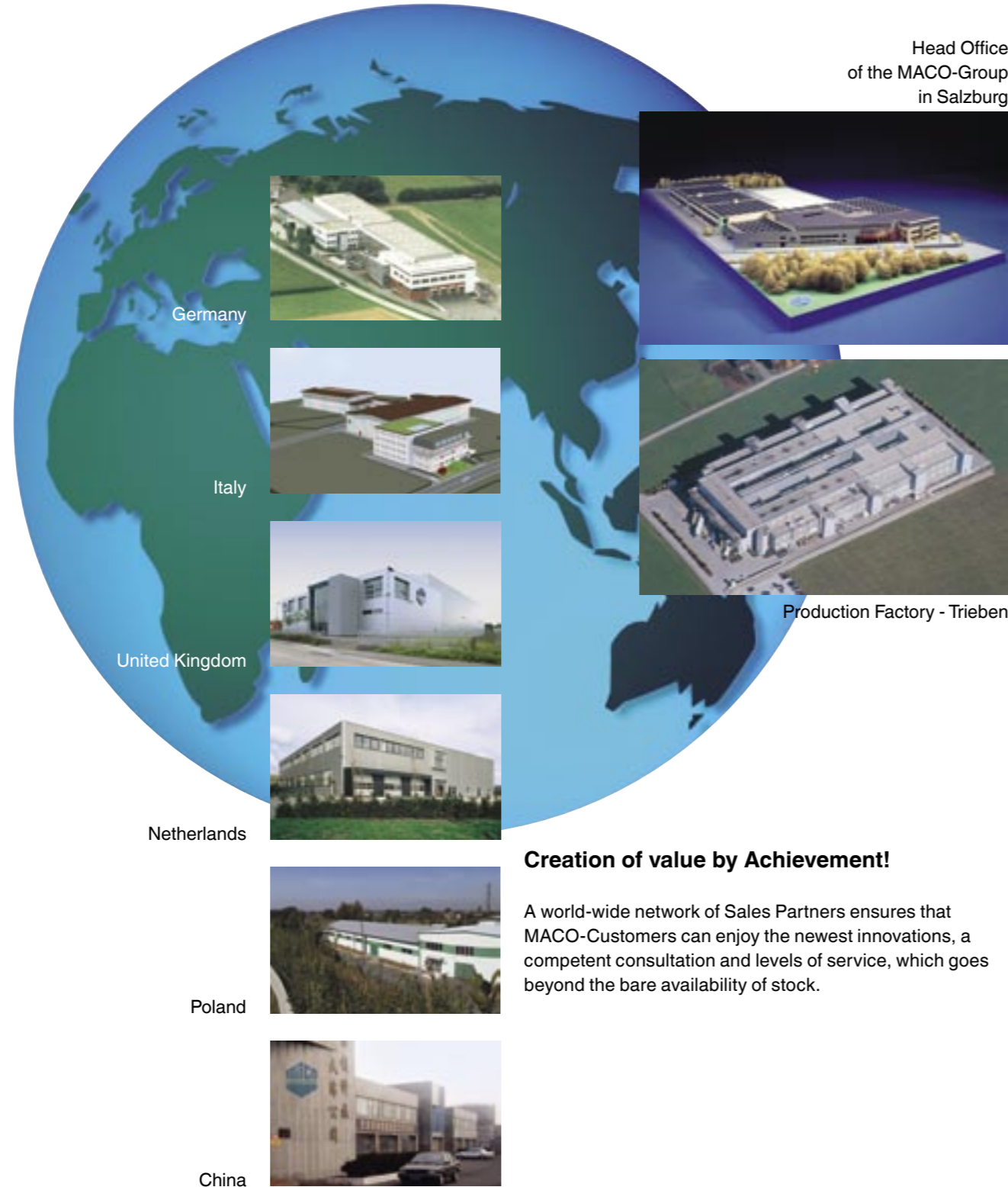
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www.maco-europe.com



MACO-GROUP and International Sales Branches



CREATIVITY is when you have a partner,

- that brings innovations to your company that makes it stand out in a crowded market;
- that works with you to develop new products so that they can be integrated into your production without any unnecessary complications.

DIFFERENTIATION is when you have a partner,

- that constantly invests in the development of new products, which guarantees you an unmistakable profile;
- through market proximity and the synergies created through a network of partnerships.

Success means you've got a Partner,

- who creates conditions where everyone works together to achieve the goals set;
- who fosters and promotes dialogue with its customers, where a major role is played on giving reliable and competent advice and guidance;
- who contributes to the safety and security of its customers by providing intelligent, high-quality locking systems that function well and require a minimum of investment.

Creation of value by Achievement!

A world-wide network of Sales Partners ensures that MACO-Customers can enjoy the newest innovations, a competent consultation and levels of service, which goes beyond the bare availability of stock.

One for all ...

Fittings that, fulfil all your window requirements!

**MACO
ESPAGS**
WINDOW ESPAGNOLETTES





WORLD WIDE!

Fittings Technology from Salzburg

- Innovation strength and product variety from under one roof
- Security in the function of all fittings
- Reliability in the supply
- Authoritative consultation



MACO-Service



Sales-Assistance

- MACO-WIN Fittings calculation program
- Electronic data catalogue
- Marketing / Advertising consultation

Service-Quality

- By Service Quality we mean high speed reaction to the ever increasing demands of our customers for quick replies and prompt supply.
- For us this means a high degree of availability, making it possible for you to get through to MACO at all times of the day.
- This is achieved through the employment of modern communications technology and the fact that we have distributors and representatives located within your area.



Logistics-know-how

- EDI linkage
- Just in time deliveries
- Special packaging systems



Maco-Test Centre

- T&T fittings inspection testing in accordance with RAL
- Window handles inspection testing in accordance with RAL
- Product suitability testing through air & water permeability tests
- Security testing to European standards
- System approval for timber T&T windows to WK2
- Systems approval for PVCu windows on request
- Cycle testing for window and door fittings



Market and Industry Knowledge

Distribution Network

Deciding on Your Strategy

When it comes to consultations and advice, we see ourselves as a partner with a high sense of responsibility, a great reserve on new ideas, and a profound interest in the success of your individual company.



**MACO
MULTI**



MACO MULTI-TREND

The Innovative Tilt and Turn fittings system for PVCu and Timber Windows.

The modular technology of our fittings offers you all of these possibilities in one single programme. Simply: One for all ...

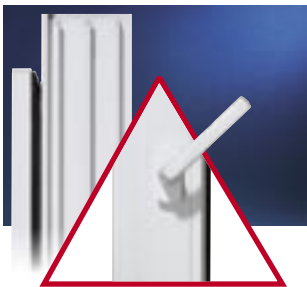


SECURE

You want secure windows ...



- that are easy to operate
- that do not need subsequent adjustment
- from a single fittings programme with a minimum stock of components



FUNCTIONAL

You want functional windows...



- that are both attractive and easy to operate
- that can be upgraded by adding a few additional parts
- that will make your windows stand out from the rest
- that are manufactured from one basic group of fittings



FAST

You want efficient fabrication...



- not only of the sash assembly but also the frame
- by using a standard range of window fittings




COMPATIBLE

You want just one fittings system...



- that enable the fabrication of many different window styles with fewer special components
- that is reliable in use resulting in longer lasting windows for your customers




One for all ...

One fitting, for all conceivable applications!

**MACO
MULTI**

TILT AND TURN FITTINGS

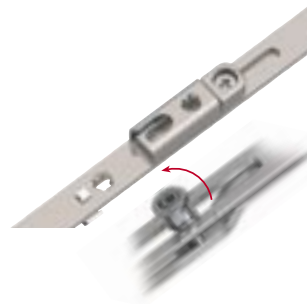


**MACO
MULTI-MATIC**



MACO MULTI-MATIC

The new Generation of Tilt and Turn Fittings



Your customers will get:

– **secure windows,**

because the fittings are fitted with the MACO-i.S.-security cam as standard

windows can be fitted with either standard striker plates or security mushroom striker plates;

it is also possible to retro fit security mushroom striker plates at a later date;

– **smooth operating windows**

because the MACO-i.S.-security cam "rolls smoothly" into the striker plate;

because the MACO Sash Lifting device guarantees a long trouble free function;

– **comfortable Windows**

because handles are comfortable and easy to reach and the fittings are smooth running;

– **attractive windows**

with a newly designed featured faceplate and an excellent surface quality;

cover caps for the top and bottom hinges that match the colour of the window handle;



As a window producer you will profit from:

– **the variety of ways the fittings can be used**

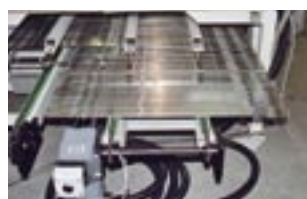
to suit individual requirements
the fittings can be used in a variety of assembly methods, ranging from manual to fully automatic production;

– **the reduced number of components**

you save on storage space
(which reduces storage costs);

– **a complete fittings system**

because they can be used to construct special designs such as half round and angled windows;





Creativity
must have room to breath!

Windows a masterpiece
of evolution

MACO
MULTI-MATIC
THE NEW GENERATION OF
TILT AND TURN FITTINGS

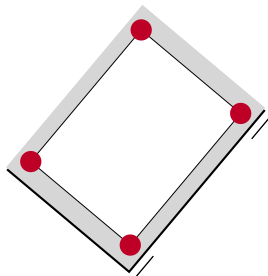


MACO MULTI-SECURITY TECHNOLOGY



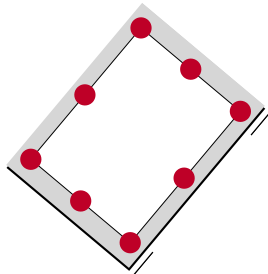
i.S. Intelligent Security

- no height adjustment is necessary
- adjusts automatically to the air gap
- smooth operation due to the roller cam
- for standard striker plates and security mushroom striker plates



i.S. locking cams are standard on

- tilt and slide patio doors
- multipoint door locks (optional on certain styles)
- WINDOW-MATIC fittings
- the new MULTI-MATIC generation of fittings



All security fittings

- basic security
- anti jemmy safety windows (AhS)
- to security classification class 3 (WK 3)

System approval for Timber windows to WK2

System approval for PVCu windows on request

All security fittings for

- special designs such as half round and angled windows;



Electronic monitoring

- via cable or radio signal
- can be retro fitted



Supplementary fittings such as

- TRESOR window handles that comply with European norm (en-v 1627-30) 100 Nm resistance to forced opening
- key locking window handles
- push to open window handles
- additional security devices such as concealed turn restrictors

Freedom knows no Bounds!

The burglar who tries to enter via windows fitted with MACO-i.S. security cams will soon realise how futile it is.

**MACO
MULTI**
SECURITY TECHNOLOGY





MACO TRONIC-E-Locking Systems

Electronic Window monitoring

for connection to central monitoring or alarm systems

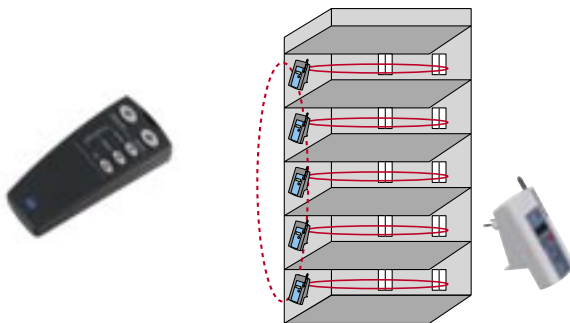
- via cable or radio signal
- can be retro fitted



Cable Monitoring

(contact strike with cable)

- for alarm systems
- with heating controls
- own VdS-permission
- BUS-compatible EIB or LON
- large energy conservation potential



Radio Monitoring

- for alarm systems
- with remote maintenance
- up to 20 programmable transmitters per receiver
- up to 5 receivers can be linked together
- larger alarm installations are available on request
- shows when windows are open, tilted or closed



MACO-WINDOW-MATIC

Intelligent ventilation system:

for tilt and turn windows,
complete with weather sensor technology

- with remote control or manual operation
- with a completely covered cabling system
- with weather sensor (rain, snow, wind)
- fully programmable ventilation system
- ideal for high out of reach windows
- compatible with all window systems
- delivered with a standard ventilation program

Nothing can Surprise Day Dreamers!

Intelligent windows
that react to
changes in the
weather.

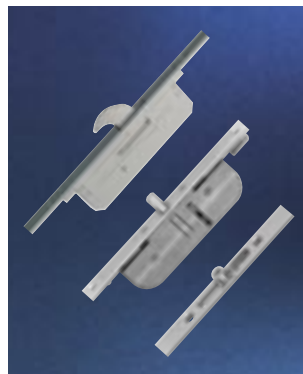
**MACO
TRONIC**
E-LOCKING SYSTEMS





MACO PROTECT-DOOR LOCKS

MACO are suppliers of a complete range of multi-point door locks to cover all market requirements for main entrance and side doors.



The basic programme consists of:

Z-TS = Cylinder operated door lock

- the door is operated and locked by the rotation of the key

G-TS = Handle operated door lock

- the door is operated by the lever handle
- locking and unlocking is done with the key

W-TS = Split spindle handle operated door lock

Internal operation:

- the door is operated by the lever handle
- locking and unlocking is done with the key

External Operation:

- the door is operated by the lever handle
- locking / unlocking and retracting the latch is done with the key

B-TV = Balcony door lock

door locks without dead bolts for balcony doors

- the door is operated by the lever handle
- locking and unlocking is done with the key

Our locking systems provide **up to eight point locking** of your doors offering varying degrees of security.

You can choose your own individual system with our
i.S. security roller cam
finger bolt locking
hook bolt locking

You can combine the locking system to your own personal preference, **i.S.** with **finger bolt or hook bolt locking**.

For French door applications shootbolt extensions can be fitted and combined with a special slave door lock or finger operated shootbolts.


Extremely smooth operation

Low-noise latch construction

- standard version with retractable latch
- upgradeable roller latch
(can be retro fitted to the Z-TS door lock)



Single piece or individual striker plates



Open
and experience
strong
emotions

Your doors should
leave nothing to
chance:

Make sure they are securely
locked from top to bottom!

**MACO
PROTECT**
DOOR LOCKS



Fittings for Tilt and Slide and Lift and Slide Patio Doors



Tilt & Slide Fittings for Timber and PVCu patio doors

- **T&S-S the standard operation**
secured in all four corners with MACO i.S. security cams
- **T&S-SE self latching**
the bottom automatically clicks into the tilt position when the door is closed

- **T&S-Z handle operated**
generally fitted with MACO i.S. security cams

Easy operation without force


- because the sash automatically and smoothly disengages from the frame when the handle is operated;
- because the sash automatically clicks into the tilt position when the door is closed and the handle smoothly closes the sash and engages all the locking points.



Lift and Slide Fittings

- Features are
- their sturdy construction
 - easy operation
 - ideal for wheelchair access
 - thermally broken running track
 - variety of different running track designs





The Desire for
Crystal Clear Views!

The quality of the sliding patio door effortlessly breaks the barrier between the living area and the outside patio allowing them to merge into one.

MACO
RAIL-SYSTEMS
PATIO FITTINGS



3 model styles

- RHAPSODY
- HARMONY
- SYMPHONY

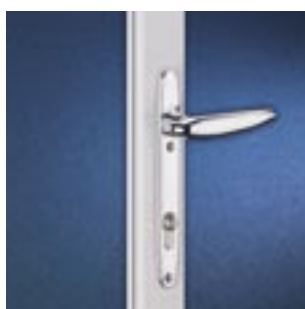


Large choice of colours (up to 8)

- White, Bronze, Champagne, Titan, Silver
(Brown on request)
- Chrome look, Gold look.

TRESOR-Window Handle

With profile cylinder or push button operation
For security windows that require EN-V compliance.



Designed to suit all requirements

- push button or key operation
for security windows.
- with 45° position
for night ventilation.
- handle and rosette furniture
for balcony and patio doors.
suitable for use with MACO Tilt & Turn Fittings.
with variable height options for the outside handle.
- Door Furniture
for balcony and entrance doors.
for use with MACO multipoint door locks.
- Rosette and Detachable Handle
for safety on windows that are
rarely opened.
- SYMPHONY light Window Handle
an all plastic handle available in White and Brown.



EMOTION-Quick-Window Handle

Supplied with pre inserted handle screws.

Supplementary window handle programme

- finger pull
in various styles for use in the
narrow gap between the outer face of balcony doors
and shutters.
- T bar handle for a retro look handle
for French casement windows.
- cover caps for the top and bottom hinges
that match the colour of the window handle.



What triggers Emotions is a matter of Opinion!

An attractive appearance that gives
your home that warm and cosy feeling.

MACO
EMOTION
HANDLES





Fittings suitable for Aluminium, PVCu and Timber Shutters



All sash hinges have lateral adjustment



**Unique surface quality
RUSTICO-premium**

- triple layer surface protection
- water and dirt resistant – plaster does not stick
- quality is higher than the required norm



Aluminium Mounting Frame

- dedicated frame hinge and pin
- simple to fabricate and assemble
- simple attachment to the window frame



**Secure fitting solution
for all shutter designs**

- steel hinge pins
- sturdy frame hinges
- narrow frame hinges for small gaps



User friendly shutter catches

- easy to use shutter catches for use with window and door shutters
- hinge pin shutter catch for all applications
- internal opener – enables the shutter to be opened when the window is closed.



Shutter Locks for shutters with 1- or more sashes

- All shutter locks are easily reached and simple to operate



Protection with a special Ambience

Window shutters are on the way in!
They look friendly and cosy whilst adding to your security.

MACO
RUSTICO
SHUTTER FITTINGS



MACH II – one for all ...

The technology behind our fittings allows all of these possibilities in one single programme.
Simply: one for all ...



Secure

You want
secure windows ...



- that have central locking cams
- that have a mushroom and shootbolt corner combination
- that exceed the requirements of BS7950:1997



Functional

You want
functional windows ...



- that are easy to operate
- that are simple to adjust
- that will make your windows stand out from the rest



Fast

You want
Fast and efficient
fabrication ...



Rapid-Fix extension partially enclosed



Rapid-Fix extension fully enclosed

- of the striker plates onto the frame
- with fittings that do not require cropping to size
- that clip into the eurogroove



Compatible

You want
fittings that ...



- fully locate into the eurogroove
- are manufactured specifically for your profile system
- that are reliable in use