

TECHNOLOGY IN MOTION



MACO
RAIL-SYSTEMS
SLIDE FITTINGS



When high requirements become standard

TILT AND SLIDE FITTINGS



Fabricator's advantage: Simplified fittings basis, optimised point of entry curve dimensions, retracting distance and frame clearance, simplified installation of even heavy 200 kg sashes.

End user's advantage: Simple and easy operation, security and energy saving potential.



The Tilt&Slide fittings system from MACO



You are spoilt for choice

The three Tilt&Slide versions provide you with specifically matched solutions for individual requirements.

T&S-S

Standard system



Would you like to install the fittings simply and sell at a good price?

T&S-SE

Self-engaging system



Would you like upmarket ease of operation?

T&S-PC

Positive control system



Would you like the best for your customers?



Something is different!



The three versions vary:

- In the load bearing capacity
- In the application range
- In the window's closing function

Fundamental advantages for all three systems

- The point of entry curve has been optimised from 50 to 53mm
- The retracting distance has been optimised from 122 to 125mm
- Frame clearance 35mm
- Straightforward installation
- Easy height adjustment of the rollers
- Anti-jemmy device on all rollers
- Standardised colour scheme for all cover caps
- Complete range of jigs



Straightforward installation

The Tilt&Slide fittings system's biggest advantage is its easy installation. Less steps are needed, saving valuable time.

You can supply more solutions, without enlarging your stock or changing your production processes.



Easy height adjustment of the rollers

The height of the rollers can be adjusted with a Torx key.



Retracting distance of 125 mm and optimal point of entry curve of 53 mm

More protection and functionality for Tilt&Slide units due to the retracting distance and optimal point of entry curve.

As a result, thicker profiles and window panes can be used.

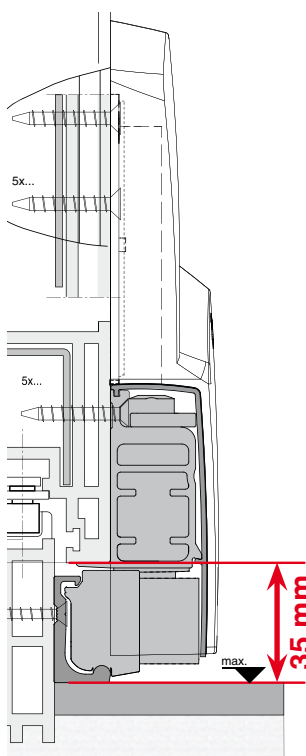


Standardised cover cap design

The cover cap colour tone is colour-matched with the MACO range of handles.

Complete jigs system

Striker jigs, drilling and routing jigs.



Frame clearance 35 mm

- For sash weights up to 200 kg
- Low threshold for a more level thoroughfare and trouble-free access
- A whole range of different profiles can be used
- Additional profiles are not required



Standard ‘T&S-S’ Tilt&Slide fittings



Sash in the tilt-mode



Opening movement

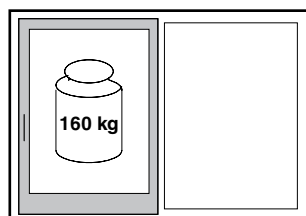


Closed sash



Standard ‘T&S-S’ system

- Sash weight up to 160kg
- Manual opening and closing function
- Standard fittings
MACO MULTI-TREND
and MACO MULTI-MATIC
- One-piece scissor stay
- Complete range of jigs
- Optional TRICOAT
surface-finish



Sash weight up to 160 kg

Application range

SRW 650 - 1650 mm

SRH 1000 - 2350 mm



Manual opening and closing function

The opening and closing motion is triggered with manual exertion.



Standard fittings MACO MULTI-TREND and MACO MULTI-MATIC

The installation is easy, as the components are mainly from the MACO MULTI-Line standard range of fittings as well as the use of a one-piece scissor stay.

Packaging, logistics, and storage costs are reduced.



Self-engaging 'T&S-SE' Tilt&Slide fittings



Sash in the tilt-mode



Opening movement

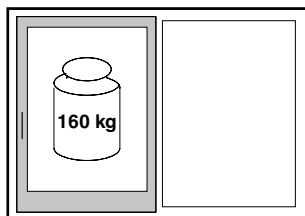


Closed sash



Self-engaging 'T&S-SE' system

- Sash weight up to 160 kg
- Automatic bottom latching function
- Standard fittings
MACO MULTI-TREND
and MACO MULTI-MATIC
- One-piece scissor stay
- Complete range of jigs
- Anti-lockout device
- Optional TRICOAT surface-finish



Sash weight up to 160 kg

Application range:

SRW 650 - 1650mm

SRH 1000 - 2350mm



Automatic bottom latching function

When the handle is turned upwards, the sash is released into the sliding position. In the closing phase the sash self-engages into the

tilting position. After this it suffices to close the sash just like a conventional Tilt&Turn window.



Anti-lockout device

The anti-lockout device prevents the sash from being unintentionally locked, when the handle is in the opening position.



Standard fittings MACO MULTI-TREND and MACO MULTI-MATIC

The installation is easy, as the components are mainly from the MACO MULTI-Line standard range of fittings as well as the use of a one-piece scissor stay.

Packaging, logistics, and storage costs are reduced.



Positive control 'T&S-Z' Tilt&Slide fittings



Sash in the tilt-mode,



*Opening movement and
anti-lockout device*



Closing movement

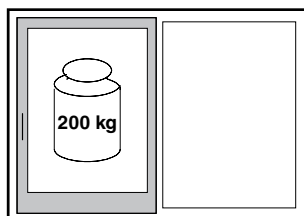


Closed sash



Positive control 'T&S-Z' system

- Load bearing capacity up to 200 kg
- The automatic opening and locking function is centrally controlled via the lever.
- i.S. cams as standard
- Anti-lockout device



Sash weight up to 200 kg

Ideal solution for large and heavy sashes with a sash weight of up to 200 kg.

Tandem-rollers are used from 160 kg

Application range

SRW 720 - 2000mm / SRH 900 - 2700mm



Opening and closing function

The automatic opening and locking function is centrally controlled via the lever: By turning the handle, the door is automatically opened and closed with minimal exertion.

An optional mishandling-device can be integrated.



Anti-lockout device

The anti-lockout device prevents the sash from being unintentionally locked, when the handle is in the opening position.



i.S. cams as standard

The i.S. cams fitted as standard are burglar-inhibiting and independently compensate clearance tolerances. The gasket-compression is easily adjustable.



Operate sashes up to 200 kg;
both smoothly and safely



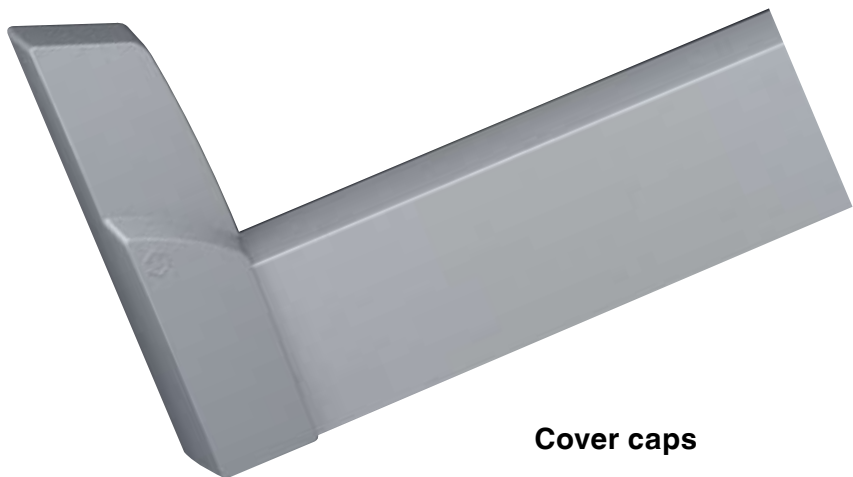
For units with a sash weight of up to 200 kg a tandem-roller is available from 160 kg for the system version T&S-Z with positive control.

With it's roller diameter of 28 mm, the contact face in comparison to other commercially available rollers has been increased by 20 percent.

The one-piece roller casing gives the sash more smoothness and stability due to the increased contact face and use of four rollers.



Good Looking



Cover caps

The cover caps' colour tones are colour-matched with the MACO handle range.

MACO colours

- White
- Cream-white
- Silver
- Bronze-T&S
- Brown



Slight colour variations are possible due to production-technical reasons.



MACO T&S handles



Tilt&Slide handles for the 'T&S-S' and 'T&S-SE' versions



The handles are available in the following colours:

- White
- Silver
- Titanium
- Champagne
- Bronze-T&S



Slight colour variations are possible due to production-technical reasons.



Tilt&Slide handles for the ‘T&S-Z’ version



Slight colour variations are possible due to production-technical reasons.



The handles are available in the following colours:

- White
- Cream-white
- Silver
- Bronze-T&S
- Brown

**MACO
RAIL-SYSTEMS**



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