

Press release

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High-performance new additions to the “Door” product range / “Roto Safe A | Tandeo” and “Roto Safe E | Eneo A” multipoint locks for doors made from any frame material / Automatic locking without a key at three locking points / Outstanding operating convenience and burglary protection / For efficient production of doors up to 3000 mm sash rebate height / Backsets from 35 to 80 mm / Ten-year performance warranty

Premiere: the latest generation of “Roto Safe” multipoint locks

Leinfelden-Echterdingen – Roto Frank Fenster- und Türtechnologie (Roto FTT) will be launching its new multipoint locks for main doors, apartment doors and back doors at the BAU trade fair in Munich. The company reports that “Roto Safe A | Tandeo” and “Roto Safe E | Eneo A” meet the most exacting burglary protection requirements while also offering remarkable operating convenience. They were the first locking systems on the market to be certified in accordance with the latest version of prEN 15685:2019.

Locking without a key

“Tandeo” and “Eneo A” are suitable for RC 2 and RC 3 and have three security locking points, even in the standard version. The deadbolt in the main lock and the automatic power wedges extend simultaneously. They are immediately push-back safeguarded. This is why full insurance cover applies even if a door is “just slammed shut”.

Motorised unlocking

“Eneo A” is an incredibly convenient way of opening a door. Roto offers this electromechanical version with a preassembled drive unit. The manufacturer explains that a powerful motor ensures a very short unlocking time, working very quietly and quickly. A Plug&Play connection makes installation easy.

More identical parts

The modular design of the “Roto Safe” portfolio and the standardised patterns of the new locks reduce the complexity of the range and of stock-keeping at the fabricator. The frame components tailored to the geometries of many profiles are also compatible with the new multipoint locks. This means that door manufacturers can combine the frame components, which are always the same, with one of the various locking systems from Roto in a flexible way to meet specific customer requirements.

“Tandeo” and “Eneo A” are suitable for DIN right and DIN left doors alike, as their latches can simply be turned around on site if required after door installation. Roto is certain that employees in door production will therefore soon gain more confidence in using the systems. When combined with extensions, the new multipoint locks are suitable for doors up to 3000 mm tall.



Flexibly catering to customer preferences

The new multipoint locks for doors with a backset from 35 to 80 mm are available for many common profile systems and also in versions with a round cylinder, for example, to meet country-specific requirements. This makes them versatile for manufacturers.

As accessories for "Tandeo", Roto offers an additional locking device which is operated using an additional cylinder, as well as an ID latch which does away with the need for a door chain.

With the launch of the new multipoint locks, versions certified in accordance with DIN EN 179 for escape doors are now also available, which use the same components.

Comfort in everyday life

The robust and smooth-running design of the new locking systems ensures a pleasant feel, underlines Roto. A door can thus be opened by turning the key slightly. The optional day-time unlocking for "Tandeo" is activated simply by flipping a switch on the main lock. Only the latch holds the door in place, meaning that it can now be opened from outside without a key.

The manufacturer explains that doors equipped with "Tandeo" or "Eneo A" close incredibly quietly. This is down to the whisper latch in the main lock and the high-quality PVC latches on the additional locks. The quiet operation supports the end-user's perception of high quality and comfort.

Tightly sealed for energy efficiency

The latches of the new locks pull the door leaf against the frame profile with a consistently tight seal all the way round. This prevents draughts and reduces heat loss through the door. At the same time, the consistent passive gasket compression counteracts door warping.

Access made easy

The "Eneo A" electromechanical locking can be combined with all common access control systems, such as the Roto "4in1" access control system. A door can be opened either using a PIN code, finger scan, Bluetooth-capable mobile phone or RFID-capable medium. The drive unit also comes in a version with a radio receiver.

Tested quality

The functional safety, corrosion resistance and usability of the new Roto multipoint locks have been tested and certified in accordance with the new standard prEN 15685:2019. The tests on the continuous operation cycles in accordance with DIN EN 1191 (200,000 cycles) were passed, as were the tests carried out by ift Rosenheim to obtain QM 342 certification. VdS and SKG** certification is in the pipeline.



Multipoint locking systems from Roto for the most exacting requirements regarding burglary protection and operating convenience: "Roto Safe A | Tandeo" and "Roto Safe E | Eneo A"

Image: Roto Frank Fenster- und Türtechnologie

Roto_Safe_E_Eneo_A_door.jpg



"Tandeo" and "Eneo A" are based on the same main lock which features a trigger unit for the automatic function, a whisper latch and a deadbolt.

Image: Roto Frank Fenster- und Türtechnologie

Roto_Safe_main_lock.jpg



Even in the basic version, the main lock of “Tandeo” and “Eneo A” is combined with two additional locks, each with a latch and automatic power wedge.

Image: Roto Frank Fenster- und Türtechnologie

Roto_Safe_additional_lock.jpg



The electronic drive unit in “Eneo A” boasts a powerful motor.

Image: Roto Frank Fenster- und Türtechnologie

Roto_Safe_drive_unit.jpg

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Publisher: Roto Frank Fenster- und Türtechnologie GmbH • Wilhelm-Frank-Platz 1 • 70771
Leinfelden-Echterdingen • Germany • Tel. +49 711 7598 0 • Fax +49 711 7598 253 •
info.presse@roto-frank.com

Editor: Dr. Sälzer Pressedienst • Lensbachstr. 10 • 52159 Roetgen • Germany • Tel. +49 2471
9212864 • Fax +49 2471 9212867 • info@drsaelzer-pressedienst.de