

Welcome to the new SIMU world

Discover
our products
showcased
at the booth

 **simu**
Together as one



Editorial



Massimiliano MARZO
SIMU Brand Director

Dear all,

After a virtual 2021 edition, we are looking forward to meeting you in person for this R+T2024 edition.

SIMU has revamped itself with a new modern corporate identity, based on the values of reciprocity, integrity and pragmatism. These values are reflected in our new slogan «Together as one». This brand signature conveys who we are within the company and with our partners and customers: by working together on a common project and towards a common goal, success is the result of each stakeholder's progress.

Our commitment remains unchanged.

We are more than ever dedicated to our core business - roller shutters, blinds, screens and commercial and industrial doors.

Our new logo is inspired from the heritage of the brand's iconic square. It reflects advanced technology, robustness and stability. Walk through our booth and you will discover the new colours and key messages of our brand.

This event gives us the opportunity to present to you our new flagship solutions:

- The compatibility of SIMU products with Somfy's connected solution TaHoma® switch.
- The deployment of star head on our «Plug & Play» motor ranges.
- The T8F motor, the 300Nm solution for fire curtains and doors.

You will find more details about the products showcased at our booth in this brochure.

We wish you a great visit!

WHO ARE WE?

**MANUFACTURERS OF MOTORS
AND AUTOMATIC SYSTEMS FOR
ROLLER SHUTTERS, BLINDS, SCREENS,
INDUSTRIAL AND COMMERCIAL DOORS
SINCE 1952.**

For over 70 years, SIMU has been drawing on its industrial know-how and core values to help its customers. As committed partners, we develop close relationships with our customers on a daily basis to provide them the most adapted advice and solutions.

INVENTOR OF THE TUBULAR MOTOR FOR ROLLER SHUTTERS IN 1959

In 1959 the first tubular motor was designed and crafted inside the walls of SIMU's workshop: a key technical milestone unlocking new possibilities in the field of outdoor applications.

Since then, SIMU has provided continuous improvement to its industrial customers - by manufacturing simple, efficient and good quality products that perfectly meet their expectations.



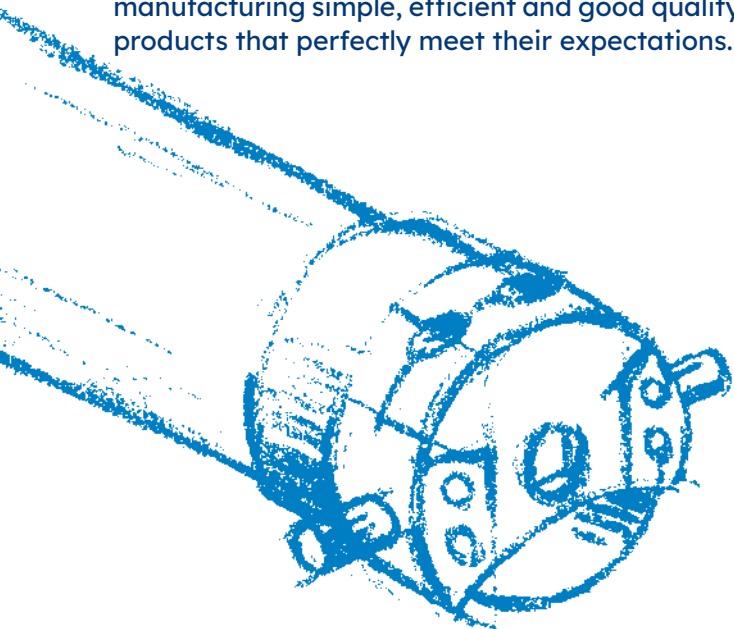
OUR COMMITMENTS

At SIMU, our goal is to provide you with robust, top-quality products that are easy to implement, connected and compliant with the highest industry standards.

We demonstrate our ingenuity in every one of our actions to bring you simple and highly efficient solutions.

As manufacturers ourselves, we know what makes a great business partner: we give impetus to our customers' projects through our mastery of our best standard products and services, and our down-to-earth, dedicated attitude.

At SIMU, we are here for you.



OUR AREAS OF EXPERTISE

We offer an extensive range of motors to equip all shutters on the market, from the smallest to the largest, both for new buildings and for renovation projects.

We offer solutions for vertical blinds and awnings: combined with SIMU motors, with high rotation speeds, we offer smart, effective and elegant solar protection solutions, available for both the tertiary and residential markets.

We offer motors and automatic systems for roller doors, grilles and metal shutters for stores and industrial doors. As an expert in this specific market, we provide support to manufacturers with our offer of central, exterior and tubular motors which are global benchmarks, and from now on, with our solution for fire and smoke protection.



ROLLER SHUTTER



SOLAR SOLUTION



AWNING



SCREEN



INDUSTRIAL DOOR



COMMERCIAL CLOSURE





WE ACT FOR GREEN

The ACT FOR GREEN® program is a voluntary approach to reducing the environmental impact of our products.

Eco-design is an overarching process that impacts each stage of the lifecycle of the product.

The objective is to reduce a product's environmental impact, from the extraction of raw materials, through its manufacture, transport and use, to its end-of-life. It is a conscious step forward for the end-user and the planet. By 2030, 100% of our motors will be ACT FOR GREEN®.



OUR CUSTOMISATION SERVICE



In order to constantly adapt to the specific needs of our industrial customers, customisation is a core part of our offer. With this aim, we support our customers by offering them two solutions:

- "KITTING":

we create a new product reference by combining products and accessories in a new package, for example:

- Different accessories in a single kit,
- Accessories mounted on the motor to save time during assembly.

- TECHNICAL MODIFICATION:

we carry out functional modification to standard products to tailor them to your need.



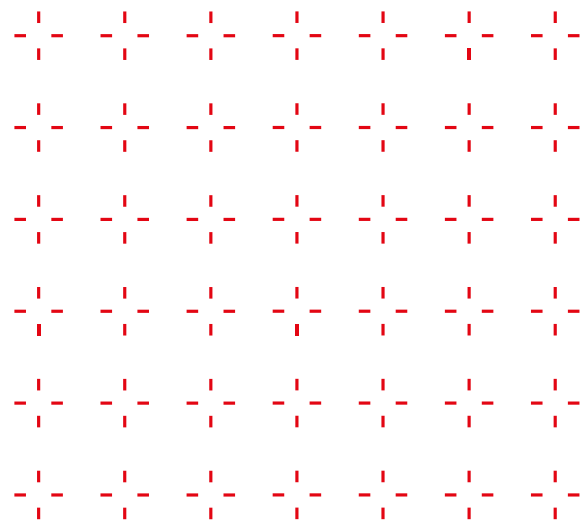
DISCOVER OUR NOVELTY

TAHOMA® SWITCH compatibility

SIMU-HZ AND BHZ MOTORS AND ACCESSORIES ARE COMPATIBLE WITH SOMFY'S TAHOMA® SWITCH

SIMU is developing its range of SIMU-Hz and BHZ products to be adaptable to Somfy's TaHoma® switch range, offering new compatibilities to benefit from the best of connected home and an area of expertise recognised by consumers.

 **simu**



NEW

ADVANTAGES

- Benefit from a unique solution featuring the TaHoma® smart control to centralise and connect your home's devices via the Tahoma® mobile application.
- Enjoy an advanced connected experience through compatibility with nearly 300 types of home products (Somfy or other home equipment brands).

STRONG POINTS

- High-performance solution with the latest developments in terms of connectivity.
- Solution that promotes user comfort and energy savings.

Thanks to the TaHoma® by Somfy app, it's easy to control equipments from a smartphone. All devices can be paired with the application.

DISCOVER OUR NOVELTY

our automatic motors

T5S AUTO®BHz

T5S AUTO®

T5S AUTO®+

THE STAR HEAD IS NOW AVAILABLE
ON THE “PLUG & PLAY” MOTOR RANGE
FOR ROLLER SHUTTERS

Easy-to-integrate thanks
to its 360° rotatable
star head and its
pluggable cable.



RADIO MOTOR
T5S AUTO® BHz

**The BHz simple and smart
radio-controlled solution**

- Motor torques from 6 to 20Nm.
- Protective functions:
 - Stop-on-obstacle.
 - Frost detection.
- Fully automatic setting with a constant readjustment of UP and DOWN end-limits. Thanks to this constant auto-learning and revision of end-limit positions, T5S AUTO® BHz will adapt to variations in the length of the roller shutter curtain over time.
- Also available in T5S EBHz version, with 4 possible end-limit settings.

WIRED MOTOR
T5S AUTO®

**The wired “Plug & Play”
solution: just assemble and
plug in, and it will do the rest!**

- Motor torques from 6 to 35Nm.
- Stand-by consumption < 0.5 W.
- Protective functions:
 - Stop-on-obstacle.
 - Frost detection.
- Fully automatic setting with a constant readjustment of UP and DOWN end-limits. Thanks to this constant auto-learning and revision of end-limit positions, T5S AUTO® will adapt to variations in the length of the roller shutter curtain over time.

WIRED MOTOR
T5S AUTO®+

**The wired “Plug & Play”
enhanced solution**

- Motor torques from 6 to 20Nm.
- Stand-by consumption < 0.5 W.
- Protective functions:
 - Stop-on-obstacle.
 - Frost detection.
 - Auto-adaptive distressing function at the UP and DOWN end-limits (patented).
- Fully automatic setting with a constant readjustment of UP and DOWN end-limits. Thanks to this constant auto-learning and revision of end-limit positions, T5S AUTO®+ will adapt to variations in the length of the roller shutter curtain over time.



DISCOVER ALSO

our complete range of controls

A TRANSMITTER FOR EVERY USE: MOBILE AND WALL-MOUNTED HZ AND BHZ TRANSMITTERS.

- Choose either a wall-mounted version that can be placed wherever you want or a remote version that's always within easy reach.
- Record a favourite position on your roller shutter or blind and activate it by simply pressing the stop button.
- Manage multiple shutters from a 5-channel transmitter: control up to 5 shutters or group of shutters from a single transmitter.



our area dedicated to solar for screens



THE SOLAR SOLUTION FOR SCREENS, VALANCES, AND LATERAL ARM AWNINGS

SOLISHADE T3.5 ESPHZ DC

- Suitable for screens of small dimensions: Ø40 mm radio motor, torques from 3 to 10Nm.
- Hz radio technology.
- Protection of screens thanks to SIMU-Hz Wind Sensor compatibility.



our area dedicated to solar for roller shutters



THE SOLAR SOLUTION WITH BUILT-IN BIDIRECTIONAL RADIO SIMU-BHZ AUTOSUN2 BHZ T3.5 EBHZ DC



- Autonomous solar system (motor + battery + solar panel) designed for roof and façade roller shutters.
- Autonomy of the system: 45 days without sun, 2 cycles per day.
- T3.5 EBHZ DC motor, Ø40mm, **BHz radio technology compatible with TaHoma with feedback on your smartphone.**
- 4 end-limit settings: full automatic, manual, semi-automatic UP and semi-automatic DOWN.
- Protective functions: stop-on-obstacle and frost detection.
- Soft start & stop: the motor will start in reduced speed during the opening and will stop in reduced speed during the opening and closing of the roller shutter.



THE UNIVERSAL RADIO HZ SOLAR SOLUTION AUTOSUN2 HZ T3.5 EHZ DC



- Autonomous solar system (motor + battery + solar panel) designed for roof and façade roller shutters.
- Designed to run in most geographical areas, autonomy of the system: 45 days without sun, 2 cycles per day.
- T3.5 EHZ DC motor, Ø40mm.
- 4 end-limit settings: full automatic, manual, semi-automatic UP and semi-automatic DOWN.
- Protective functions: stop-on-obstacle and frost detection.
- Soft start & stop: the motor will start in reduced speed during the opening and will stop in reduced speed during the opening and closing of the roller shutter.
- Motor Sleeping and Waking up modes are directly done from the transmitter, no need to have access to the battery. The consumption is thus reduced to the minimum for storage or transportation of the roller shutter and the battery charge is then preserved. The motor will be woken up on site directly from the transmitter as well.



DISCOVER ALSO

our area dedicated
to screens



THE WIRED ALL-IN-ONE SOLUTION FOR SCREENS

T5 ZSP

- Torques from 6 to 35Nm, suitable for all zip screens with a speed of 17 rpm.
- Advanced functions to customise the motor according to the specific features of the screen.
- Automatic stop in case of obstacle (up and down movement).
- Available with different types of motor head: SIMU, ROUND or STAR head.
- Also available in radio Hz technology: T5 ZSP Hz.



THE ELECTRONIC WIRED ADAPTED SOLUTION

T5 E

- Suitable for all screens, torques from 8 to 35Nm with a speed of 17 rpm.
- End-limit settings from a universal setting switch.
- Automatic stop in case of obstacle with a specific accessory (down movement).
- Also available in Ø40mm (T3.5E).



THE RADIO SOLUTION TO EASE INTEGRATION

T3.5 HZ02

- Torques from 3 to 13Nm.
- Class II motor: no earth connection required.
- For the radio version: end-limit settings directly from the transmitter.
- **NEW**
- **Fast connectors:** for pre-wiring on site before installation. Available only for motor torque of 3Nm. Also available in wired technology.



DISCOVER ALSO

our area dedicated to awnings



A WIDE RADIO RANGE SOLUTION FOR AWNING T5 ESP HZ

- A complete choice of motor torque in Ø50mm & Ø60mm.
- Protection of awning thanks to SIMU-Hz Wind Sensor.
- Back impulse function: once the blind has been extended, the motor reverses slightly (max. half a turn) to preserve the aesthetic appearance of the fabric.
- Back release function: once the box of the cassette blind is closed, the motor slightly relieves the tension to extend the service life of the end-product.



AWNING AUTOMATION WINDY-HZ ACCEL

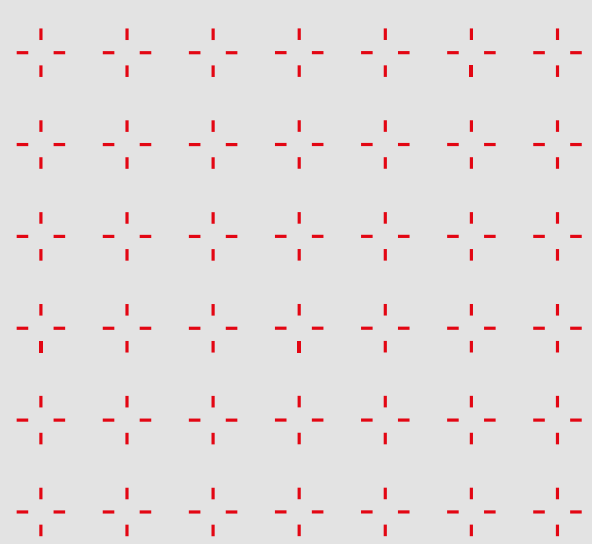
- Windy-HZ ACCEL will guarantee the protection of the blinds. Fitted on the inside of the blind load bar, it optimizes sensitivity to wind-generated movements.



DISCOVER OUR NOVELTY

our motor for large
fire curtains and fire doors

T8F



NEW

**FAIL SAFE TECHNOLOGY EMBEDDED
IN A T8 MOTOR FOR FIRE DOOR AND CURTAIN
APPLICATION**

T8F

- 300Nm motor with Ø80mm tube.
- Single-phase T8 motor with gravity drop technology: switching off the 24V power supply to the brake triggers the curtain or the door to close.
- Controlled gravity drop: 12 rpm maximum.
- In the event of a fire, the curtain or the door closes automatically to prevent the fire from spreading to adjacent areas of the building at a controlled rate to ensure the safety of those present.



DISCOVER ALSO

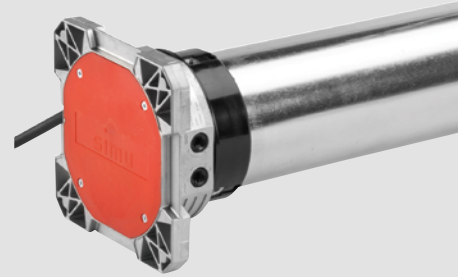
our area dedicated
to industrial and commercial
closures



INNOVATION AND TECHNOLOGY CONCENTRATED IN ONLY 43 MM!

T8S DMI

- Ø80mm motor.
- Very flexible installation process thanks to the multi-direction mounting bracket and the 43 mm motor head, the narrowest on the market.
- Intuitive and secured manual override operation.
- Easy integration thanks to the standardisation of components.
- Up to 300Nm, in single-phase current.



THE MOST DISCREET SOLUTION FOR GRILLES AND METAL SHUTTERS

T8M

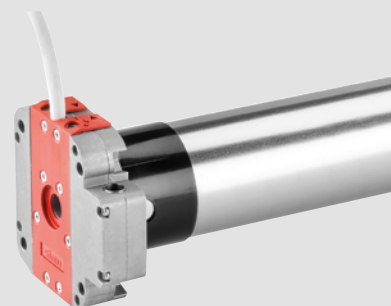
- Ø80mm motor.
- Integrated manual override, orientable from 45° to guarantee a manual operation of the shutter in case of power cut.
- Located inside the roller tube, the T8 considerably reduces the total diameter of the drive axis when the shutter is rolled up.



THE SOLUTION FOR YOUR COMMERCIAL CURTAINS

DMI6

- Ø60mm motor, 120 Nm.
- Available with integrated manual override in the motor head.
- Compact motor head: only 24 mm thick.
- Progressive end-limits system.
- Up and down end-limit settings on the motor head (on either sides of the head).



DISCOVER ALSO

our area dedicated to industrial and commercial closures

THE ESSENTIAL TO CONTROL THREE-PHASE MOTORS SD350

- Compatible with three-phase motors: SD350 controls industrial rolling doors. It can be associated with all three-phase SIMU motors: T9 and SIMUBOX.
- To go to the essential: just connect a safety brake and control the door in maintained pressure mode or mixed mode (if the installation allows it).
- Fast installation thanks to clearly identified connections.



A COMPLETE AND EASY-TO-INSTALL SOLUTION FOR THREE-PHASE MOTORS SD510

- 4 control modes: press-and-hold, mixed, impulse, automatic.
- Compatible with the necessary safety accessories: 4 sets of photocells, safety edge, flashing light.
- Easy to connect thanks to pluggable terminal blocks and dedicated inputs for each safety accessory.
- Easy to program: 3 standard pre-set programs and 2 levels of programming (level 1 and Expert).



THE RADIO CONTROL BOX FOR SINGLE-PHASE INSTALLATION SD100 HZ

- Compatible with single-phase motors up to 1100W.
- Indispensable accessories for user safety: a safety edge, 2 sets of photocells, an orange flashlight and/or an area lighting.
- Safe wiring: 230V area clearly separated from 24V, pluggable terminals and each input is clearly identified.
- Less than 2 minutes to set: 4 pre-set parameters (working mode, auxiliary output, safety edge and photocells).



THE CENTRAL MOTOR REFERENCE

CENTRIS

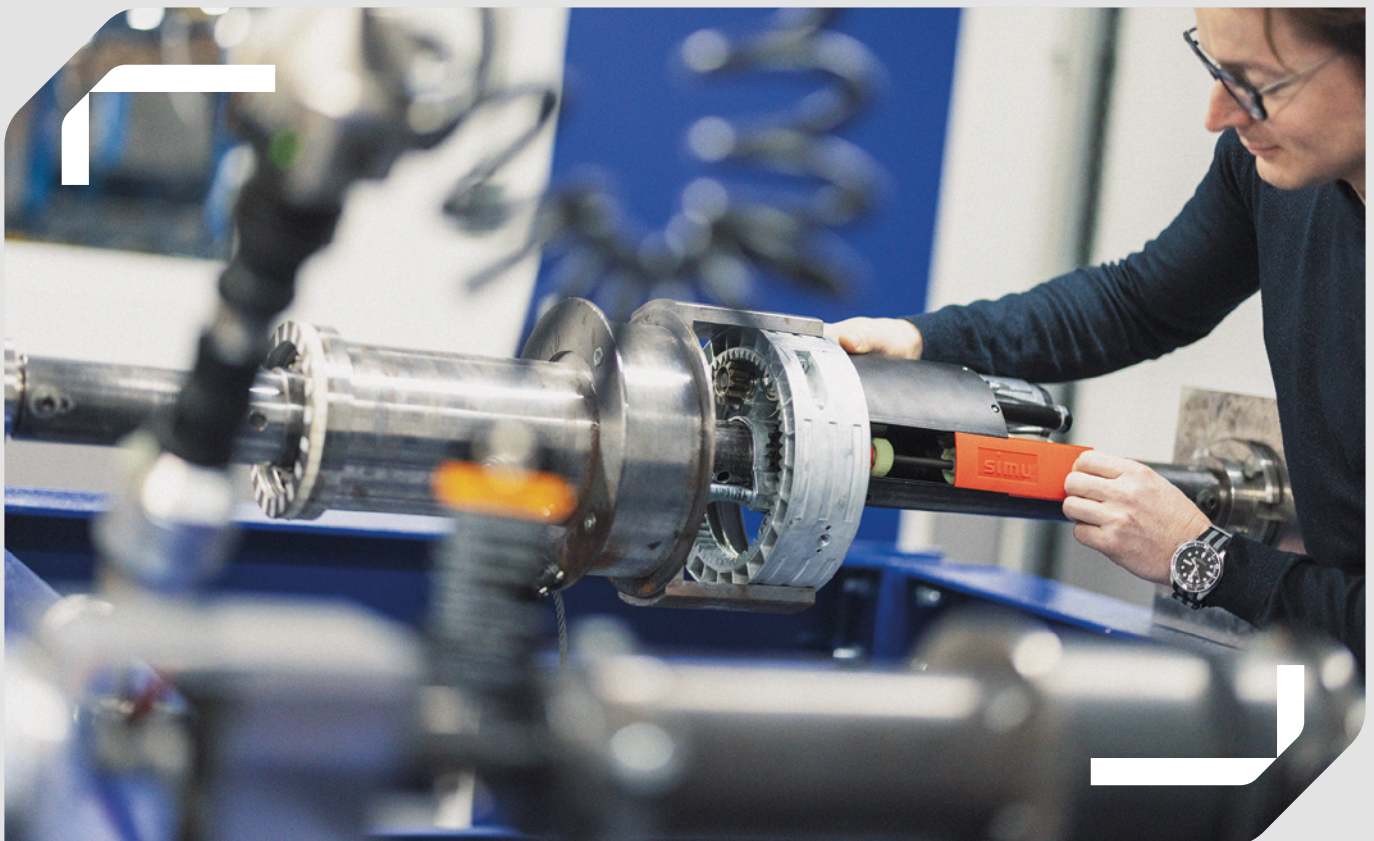
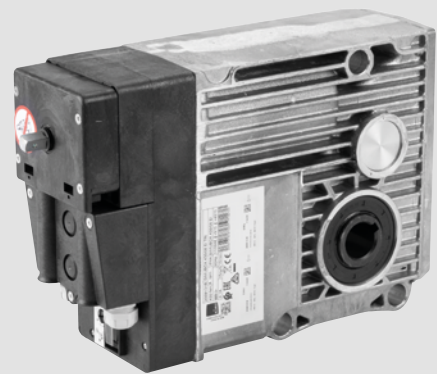
- 100% compliant with European standards: CENTRIS has been designed to guarantee the highest level of safety and thus, perfectly meet the requirements of the European standards.
- Robust and reliable, it is designed to last and provide you with a high-quality motor. CENTRIS is designed with reliable, strong materials (zamak, steel, etc.) and with patented systems and technologies (enduring fixing system, protection box for the end-limits system, etc.).
- Total protection: the end-limits system is integrated into a protection box. In this way, it is protected against collisions.

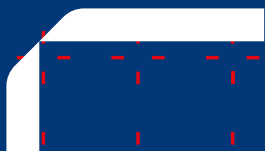


THE SIDE MOTOR FOR INDUSTRIAL DOORS

SIMUBOX EI TRI

- Three-phase motor with integrated electronics.
- Compact dimensions: SIMUBOX can be installed even if the space is small at the end of the axis.
- Easy and fast installation with just one switch.
- Double manual override system: short crank and chain guide included.





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