



743 BOH SYSTEM



Image Designed by Magnific

SMART MANAGEMENT OF AUXILIARY MATERIALS



MADE IN ITALY

OUR STORY:

Since 1982, SAU has been manufacturing precision-engineered tools in Polinago, in the Modenese Apennines. Proudly Made in Italy, our tools are distributed worldwide.

FROM NEED TO INNOVATION

In 2017, the production facility faced a crucial challenge: optimizing the storage and management of auxiliary and consumable materials. We were looking for a solution that would make operators' work easier, maximize the use of vertical space and enable real-time monitoring of consumption, while ensuring maximum efficiency and absolute reliability.

Thanks to the solid know-how SAU had built up over more than thirty years of industrial activity, we drew inspiration from the established technology of automated vertical storage systems to develop our own proprietary solution. After an intensive study phase, we integrated this proven mechanical architecture with incredibly simple and intuitive proprietary software, capable of managing, tracking and ensuring every picking operation with pinpoint precision and speed.

FROM FACTORY TO MARKET

The first two prototypes, installed in 2018, exceeded all expectations, revolutionizing our organization and cutting management costs. Building on this success and the experience gained in the field, we decided to bring this innovation to the market.

This led to the creation of **THE BOX SYSTEM**: a flexible, practical solution for companies looking to optimize the storage of small- and medium-sized components, whatever industry they operate in.

SAU Headquarters (Polinago)



MADE IN ITALY

IS YOUR WAREHOUSE TRULY UNDER CONTROL?

- Inventory errors?
- Long handling times?
- Lack of real-time data?
- HIDDEN COSTS?

WITH THE BOX **SYSTEM, YOU HAVE EVERYTHING YOU NEED, WHEN YOU NEED IT, IN THE RIGHT QUANTITY**

TARGETED PICKING

Access only to the requested item
and guided picking

OPTIMIZED SPACE

Only 2 m² of floor space.
Minimal footprint, maximum storage capacity.

HIGH-SPEED PICKING

About 15 seconds

MAXIMUM MODULARITY

PRODUCT TRACEABILITY AND AVAILABILITY

REDUCED HIDDEN COSTS AND INCREASED PRODUCTIVITY

ENHANCED SAFETY STANDARDS

SEAMLESS INTEGRATION WITH THIRD-PARTY SOFTWARE

THE BOX S PLUS

Minimal footprint, maximum capacity.
Fast, reliable, simply smart!



Dimensions:
W 1572 x H 2320 x D 1333 (mm)



Weight:
1200 Kg



Maximum number of drawers:
26 (21 x H 40 and 5 x H 100 mm)



Maximum number of compartments:
624 (100x120 mm)

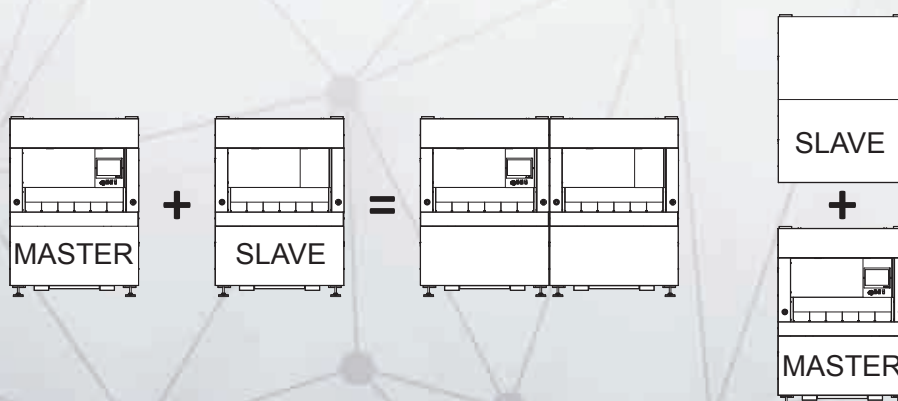


Load limit:
3040 Kg



Space optimization:
just 2 m² of floor space

SCALABLE SYSTEM: GROWS WITH YOUR BUSINESS.



THE BOX DOUBLE S PLUS



Dimensions:
W 1572 x H 4480 x D 1333 (mm)



Weight:
1800 Kg



Maximum number of drawers:
79 (75 x H 40 and 4 x H 100 mm)



Maximum number of compartments:
1896 (100x120 mm)



Load limit:
8640 Kg



Space optimization:
just 2 mt² of floor space



VERTICAL EVOLUTION

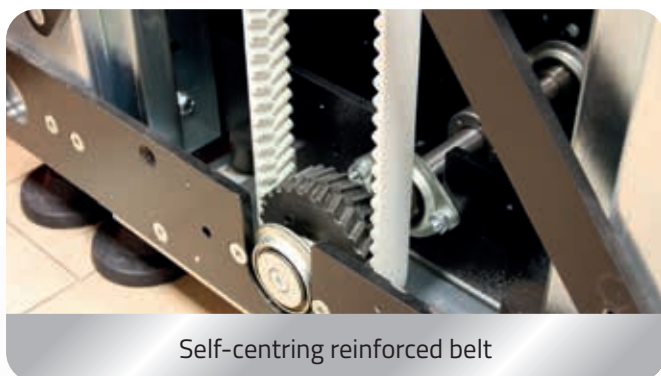
Designed to maximize the use of available vertical space, it significantly increases storage capacity while maintaining the same floor footprint.

HARDWARE FEATURES

THE BOX S **PLUS** & THE BOX DOUBLE S **PLUS**



15,6" touch screen user interface



Self-centring reinforced belt



Robust construction



Mechanical and electrical components designed to guarantee resistance and durability.



Designed to be handled by pallet truck/fork-lift with roll over protection



More comfort, greater productivity :
optimal working posture reduces fatigue and boosts efficiency



Technical data :
230 VAC – 50 Hz | Power: 2 kW |
Current: 10 A



Efficiency at its best
Ultra-fast drawer movement in just
15 seconds.

CONTROL AND PRECISION

TARGETED PICKING

Total accuracy:

guided, exclusive access to up to 24 compartments (100x120 mm) per drawer. No risk of picking the wrong item.



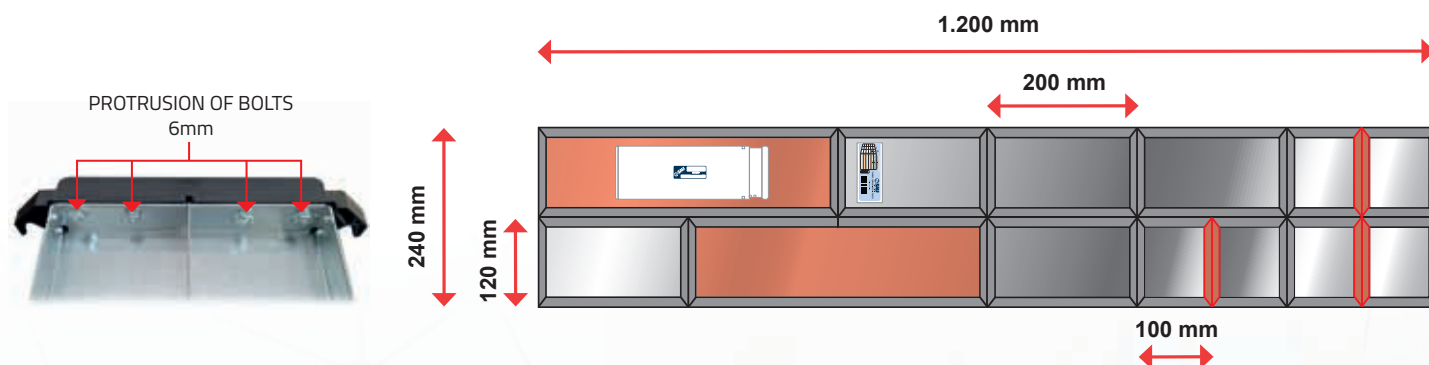
Compartment opening and access

Optimal use of available space:

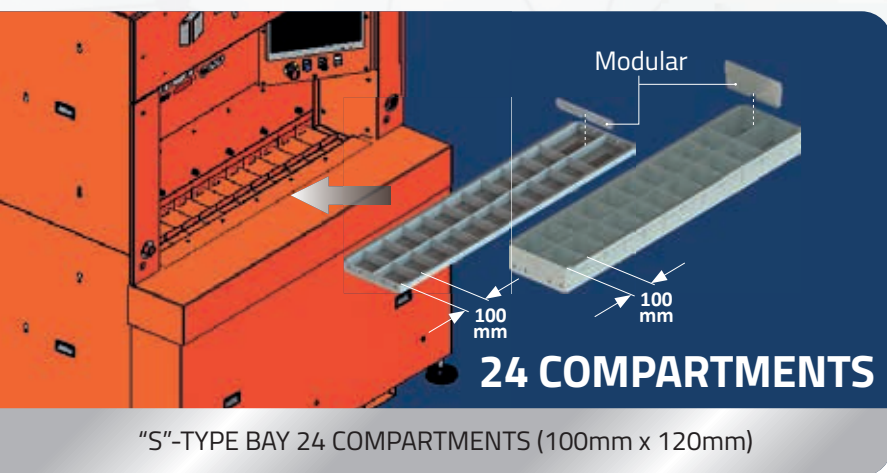
choose from or combine 40 mm- and 100 mm-high drawers.

High strength, compact design:

ultra-strong structure supporting up to 160 kg (H 100 mm) and 90 kg (H 40 mm), with a compact footprint of just 1,200 × 240 mm.



Maximum flexibility. Customize your drawers at any time: move the metal dividers and redesign the layout in just a few clicks with the software's layout tool.



EXAMPLE OF COMPARTMENT OPENING 200x240 mm (4 doors)

THE BOX C



**ALSO
AVAILABLE WITH
5 DRAWERS**

NEW: MODULE FOR CHUCKS AND TOOL HOLDERS



SECTIONS:

The Box C module features 3 vertical "sealed" sections, each 300 mm in length, with a capacity of 1,800 kg (3,968 lbs).



DIMENSIONS:

W 1040 x H 2150 x D 1050 (D2 968) [mm]



SECTION MOVEMENT:

With sliding wheels



MAXIMUM LOAD WEIGHT:

max 5850 Kg



ACCESSIBILITY:

Accessible from both sides



EMPTY WEIGHT:

450 kg



HANDLING FEATURES:

Designed for easy handling with a pallet truck or forklift.

Standard configuration: 18 shelves (180 chucks). On request, additional shelves with chuck-holder bushings and loading shelves can be added for storing molds and heavy equipment.

OPTIONAL FEATURES AND CUSTOMIZATION

ACCESSORIES



BARCODE AND QR CODE READER:
Instant scanning, zero data-entry errors.



CAMERA:
Tailored visual tracking system, managed from the back office.



Rfid or NFC READER:
Instant user login via proximity badge. Full control over access permissions.



CRADLES AND SUPPORTS:
we can create custom supports using 3D printing.



PIECE COUNTING BALANCE:
Speeds up the counting of small items.



PORTABLE TERMINAL:
Unlock the full potential of THE BOX SYSTEM: logistics management goes mobile.

CHOOSE YOUR COLOUR



RAL 7035



RAL 5020



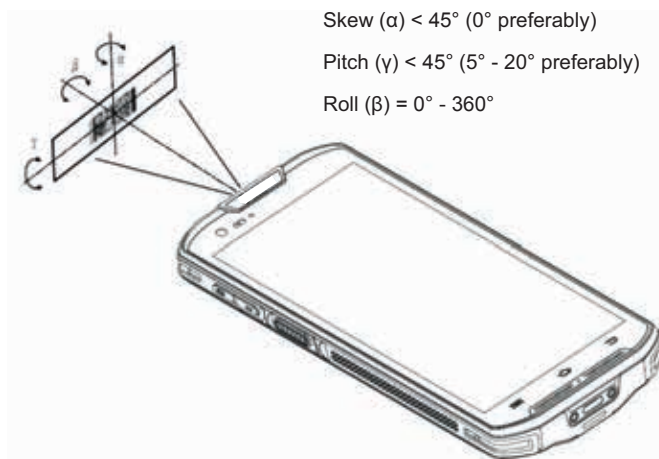
RAL 7035



RAL 3003

THE BOX **HANDHELD**

PORTABLE TERMINAL : All the power of THE BOX software in the palm of your hand.



- Display/touchscreen: 5.5" (720x1440) multipoint capacitive touchscreen with hardened glass; brightness: 380 nits
- All major 1D and 2D symbologies
- Pointer: laser diode
- Dimensions (mm): 159(L) × 74(W) × 15.9(H)
- Battery type: 3.85 V, 5000 mAh, removable
- Weight: 277 g (battery included)
- WLAN: Wi-Fi 5, 802.11 a/b/g/n/ac. Supports dual frequencies: 2.4 GHz and 5 GHz.
- Built to withstand dusty environments and inevitable bumps and drops, it is IP65-rated and has been drop-tested from heights of up to 1.5 m.

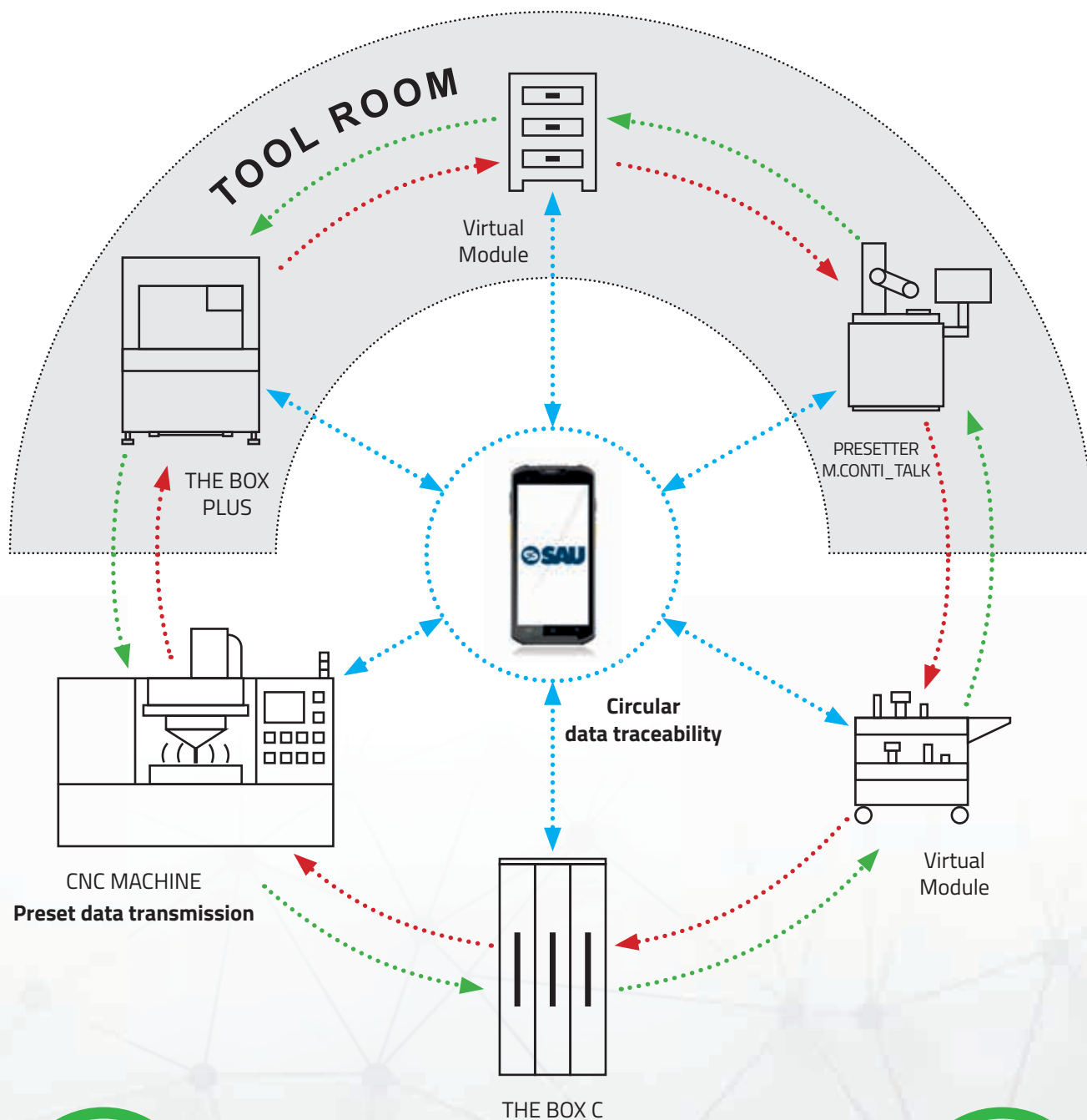
DIGITIZE YOUR WAREHOUSES – INCREASE EFFICIENCY – REDUCE OPERATING COSTS



Digital evolution that cuts costs

THE BOX_M.CONTI METHOD

Work and manage with ease, efficiency and speed

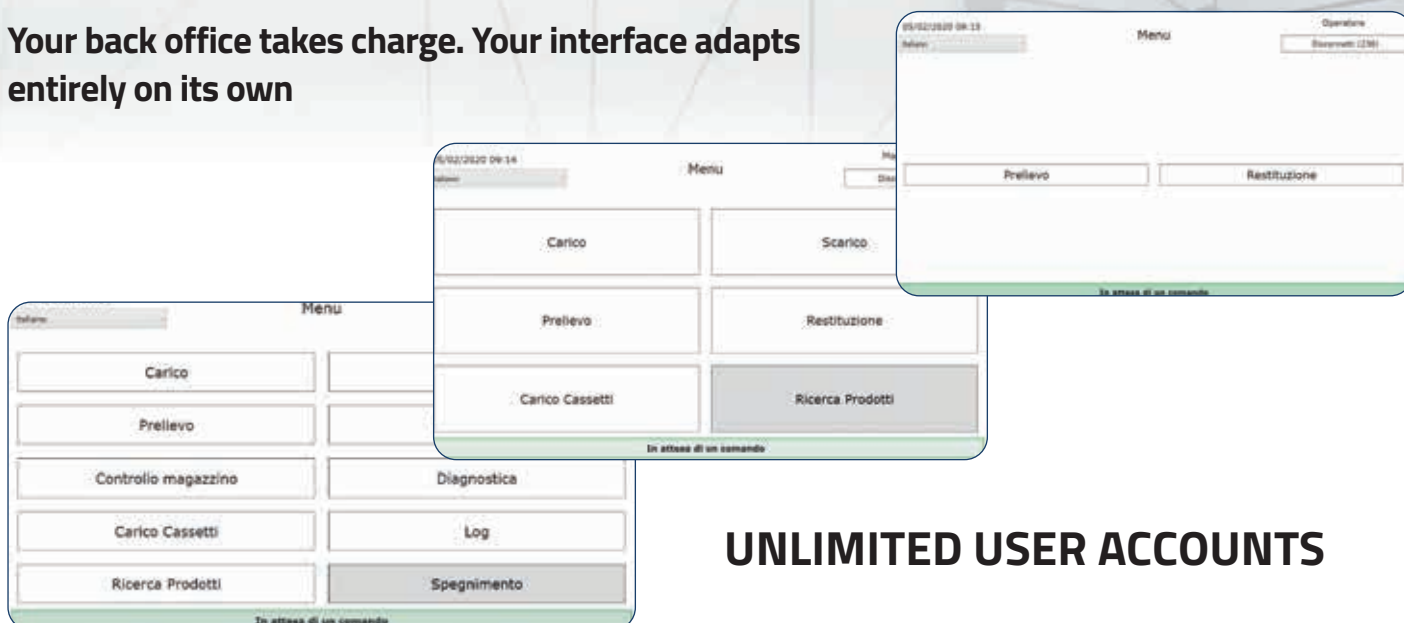


Reduce errors - and above all, save paper



TOOLS ALWAYS PRESET, TRACED AND READY FOR CNC MACHINE SETUP

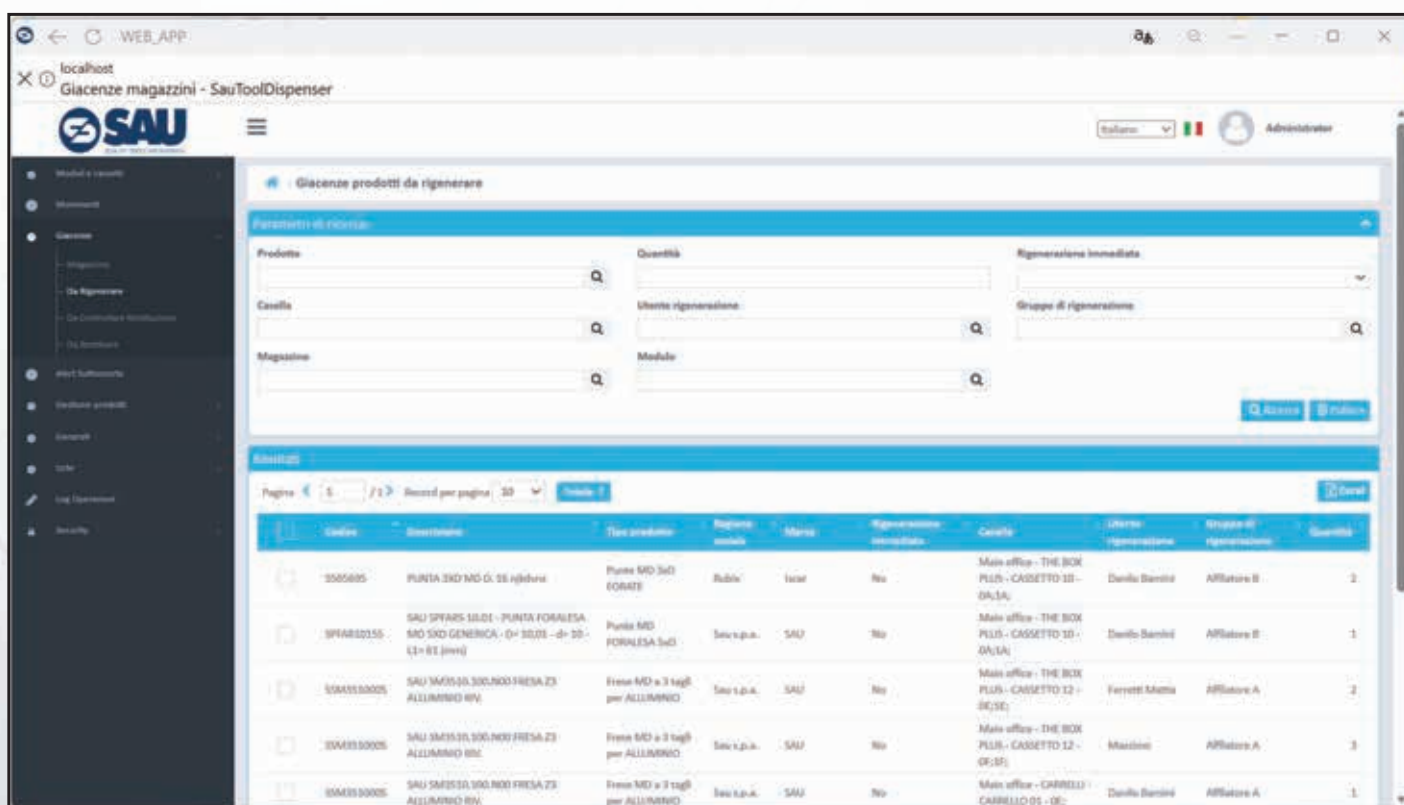
Your back office takes charge. Your interface adapts entirely on its own



UNLIMITED USER ACCOUNTS

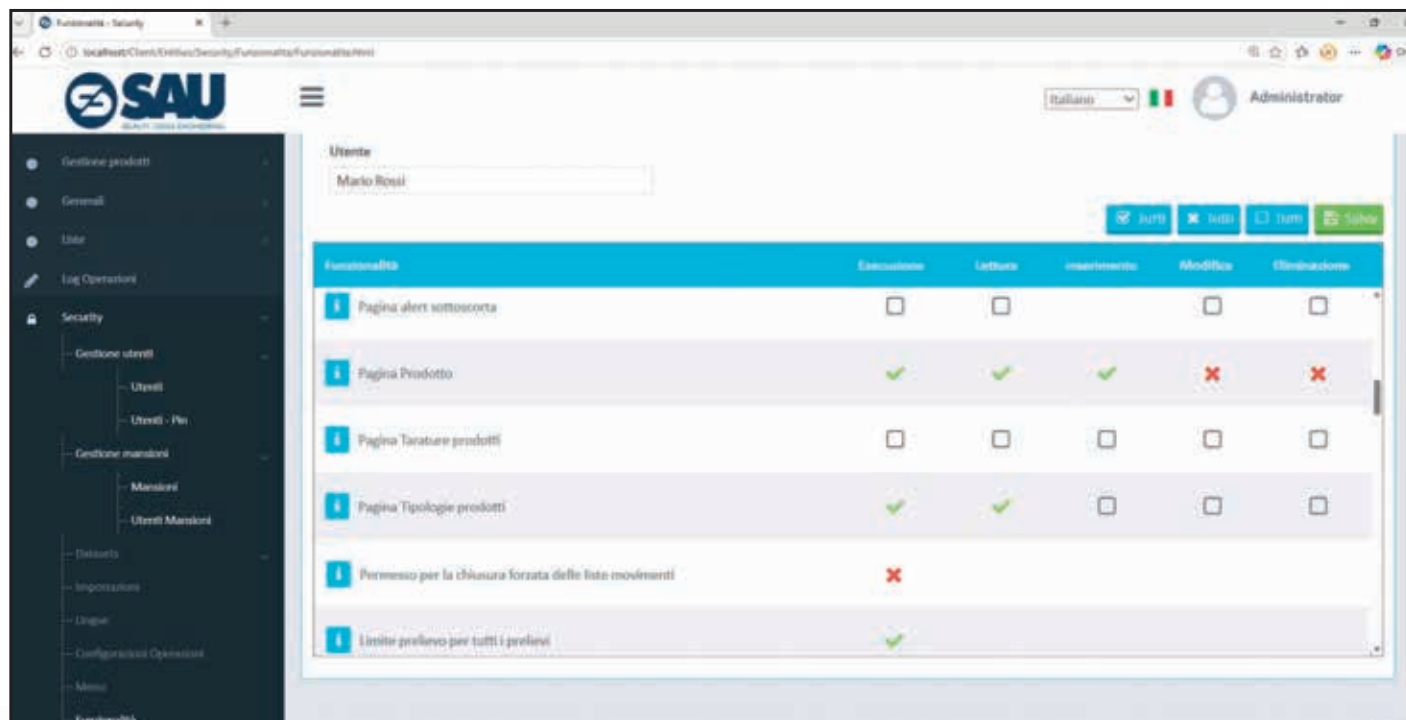
Lifecycle and Quality Control

- **Full traceability of used items:** advanced management of returnable items, refurbishment processes and product status.
- **Management of calibratable and preset instruments:** serial number assignment for data identification.
- **Logical storage areas:** creation of dedicated storage groups. The system automatically separates products undergoing refurbishment or inspection from those designated for scrap.

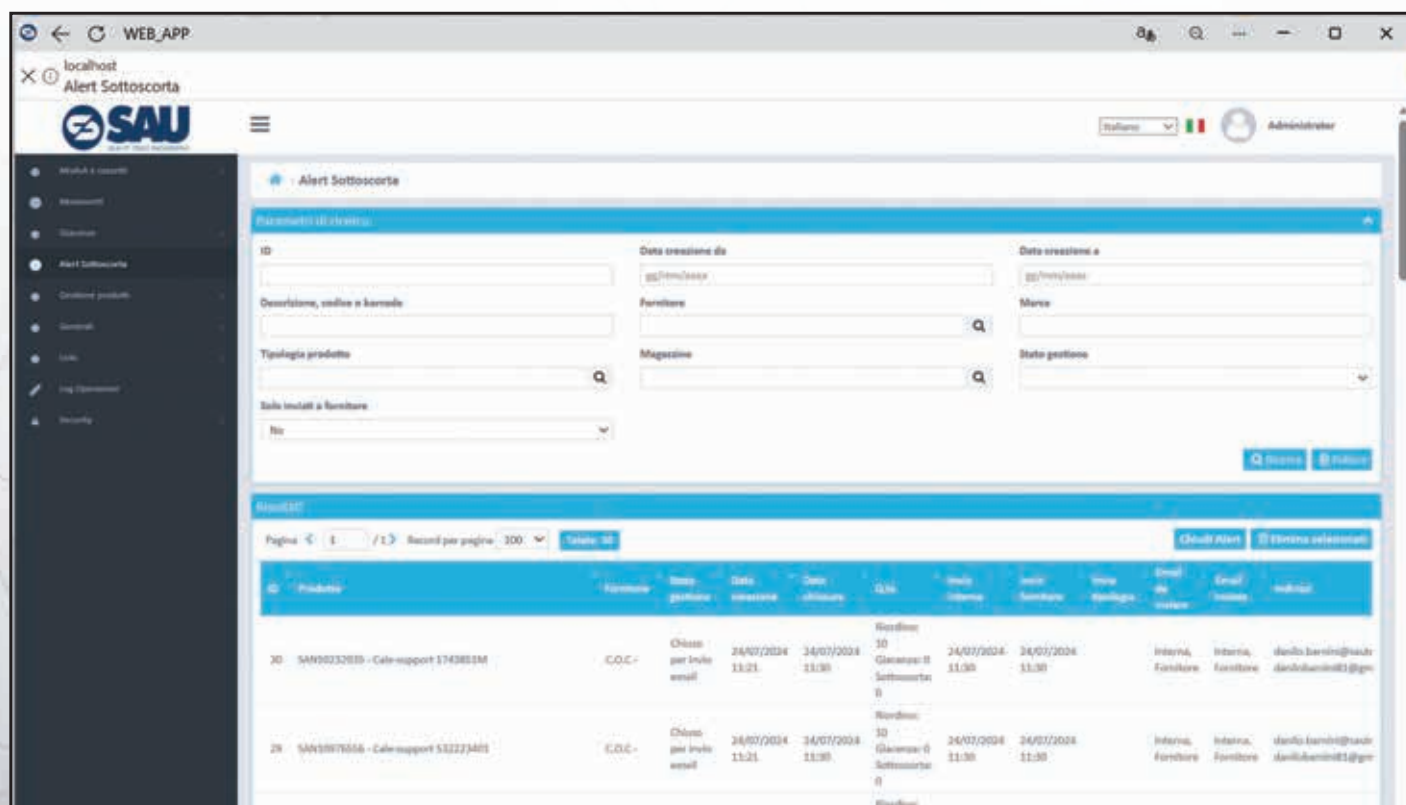


Security, User Permissions and Cost Control

- **Strictly controlled access and roles:** flexible configuration of permissions, limits and customized operational requirements for individual users or business roles.
- **Strict control over picking:** set picking limits linked to Production Orders (POs), returns, deposits or inspection checks.



- **Smart low-stock alerts:** automatic low-stock notifications, with the option to extend alerts to external suppliers and specific item codes.



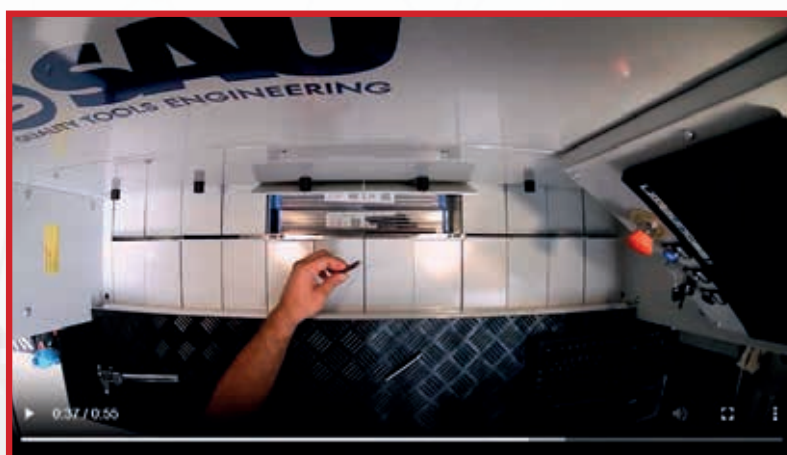
YOUR GREATEST STRENGTH? DATA

Complete traceability of every item: who handled it, when and why.

The screenshot displays the 'Movimenti' (Movements) section of the SAU software. It features a comprehensive search and filter form with fields for 'Data Creazione da', 'Data Creazione a', 'ID', 'Causale', 'Commissa', 'Tipologia prodotto', 'Seriale', 'Descrizione, codice e barcode prodotto', 'Utente', 'Utilizzo prodotto', 'Magazzino', 'Terminale attivo', and 'Modulo'. Below the form is a table of movements with columns for 'ID', 'Data', 'Versione', 'Causale', 'Movimento', 'Descrizione', 'Seriale', 'Causale', 'Pace', 'Utente', 'Movimento', 'Terminale', 'Utilizzo prodotto', 'Commissa', 'Data', 'Movimento', and 'Valore'. A red arrow points from the 'Terminale' column in the table to the video frame below.

ID	Data	Versione	Causale	Movimento	Descrizione	Seriale	Causale	Pace	Utente	Movimento	Terminale	Utilizzo prodotto	Commissa	Data	Movimento	Valore
54317	17/10/2024	17:57	4	Ritorno	main office - THE BOX PLUS GAMUTTO	250CLN13	SAJAZSA DCN13 PORTIN - BORRIS CANAG 12 - viter: 124530P	Prelievo	Luca	Marchini	5	Luca Marchini	6050 - Marchini 5	004-5278 - Commessa	Luca	40,81 €

Tailored visual tracking (optional): an integrated camera in the bay records short videos for each event, with the option to automate checks for picking, loading or returns directly from the back office.



System Scalability

- **Unlimited virtual warehouses:** traceability and system management for items not physically stored in THE BOX machines.
- **THE BOX Handheld (Optional):** extends software functionalities to a portable device for flexible, on-the-go management.

The graphic representation of the products (images, technical data, dimensions, colors...) is only provided for illustrative purposes and is to be considered merely indicative.

- MAINTENANCE AND SUPPORT
- FAST RESPONSE SERVICE
AVAILABLE WORLDWIDE
- CUSTOMER SERVICE WITH
DEDICATED HOTLINE
- SPECIALIZED SERVICE AGENTS

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Testimonials



"The Box" Video

