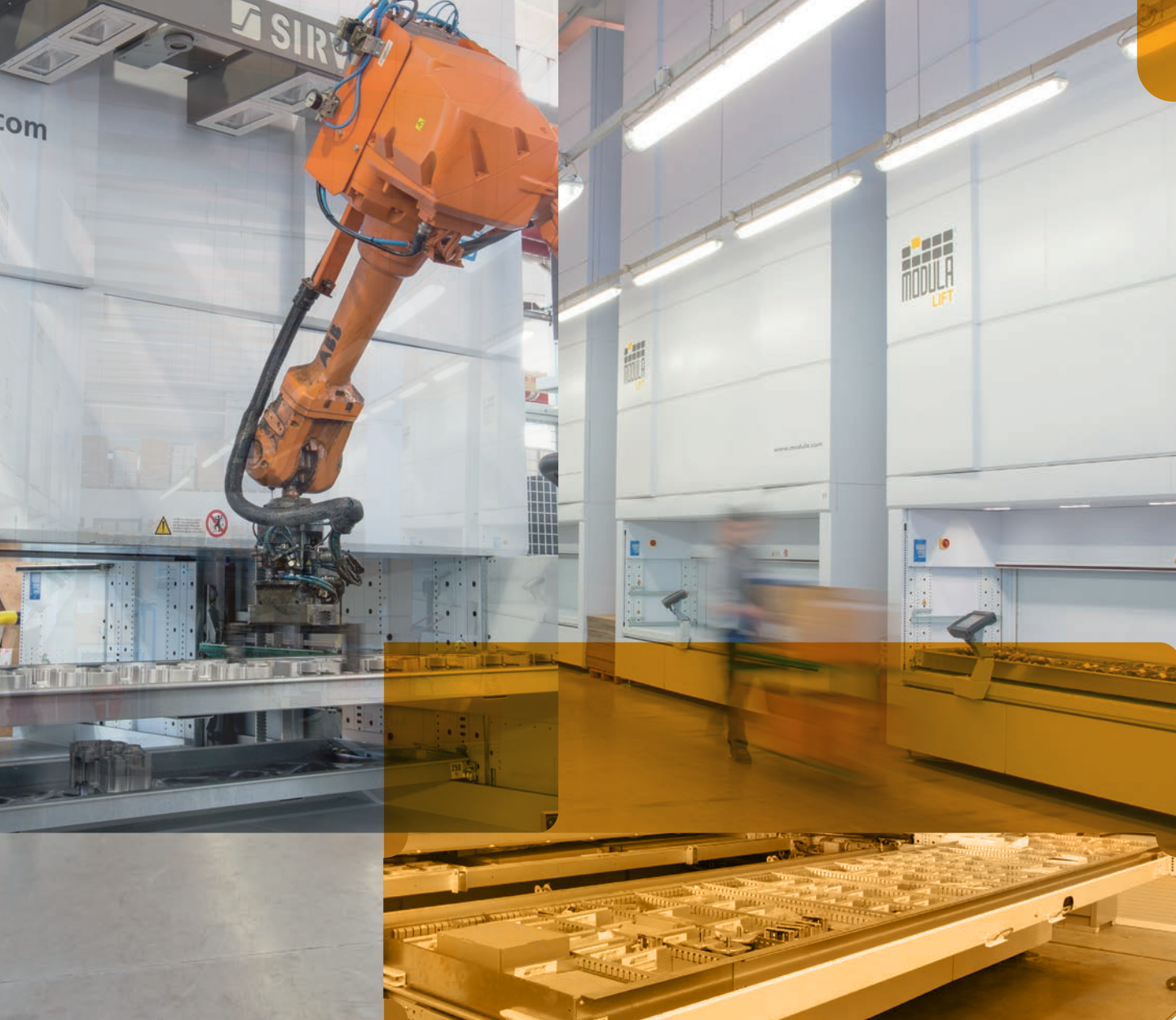
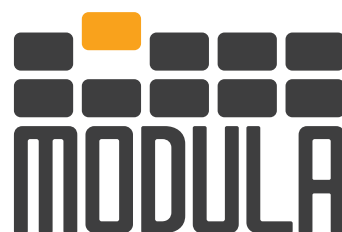




Modula LIFT

Think Vertical, Think Modula

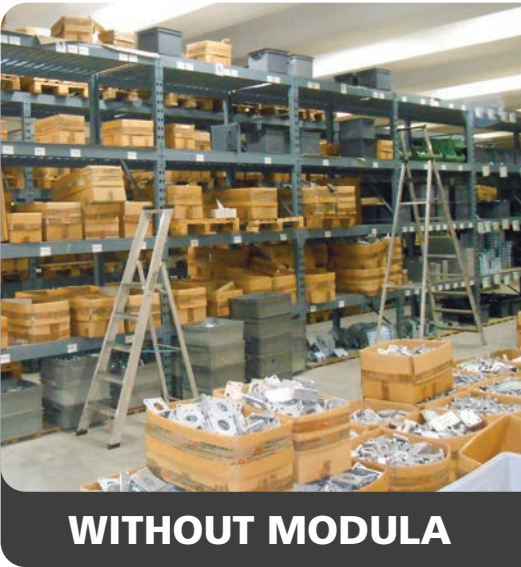
NEW GENERATION



RECOVER SPACE AND INCREASE PRODUCTIVITY WITH VERTICAL LIFT MODULES.

Modula systems are Vertical Lift Modules with trays, based on the concept of vertical storage and floor-space saving.

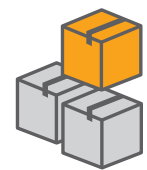
They can reach heights of up to 21 metres, with a total load capacity of up to 90,000 kg.



WITHOUT MODULA

WITH MODULA

**UP TO 90%
FLOOR-SPACE SAVING**



1. RECOVER SPACE



3. SAVE TIME



5. REDUCE RISKS



2. INCREASE SECURITY

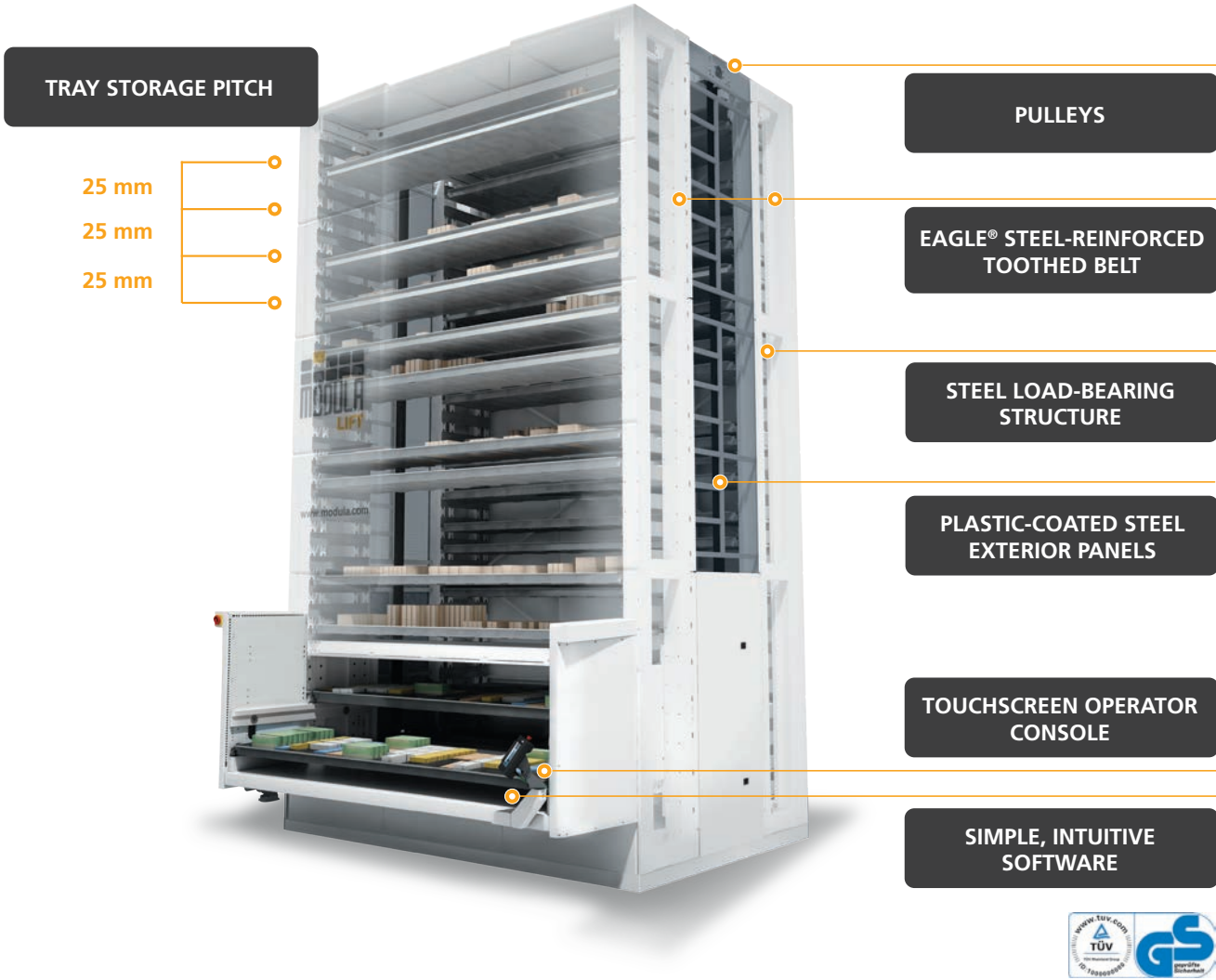


4. IMPROVE EFFICIENCY



6. IMPROVE INVENTORY MANAGEMENT

- UP TO 120 TRAYS PER HOUR
- 12 BAY CONFIGURATIONS
- UP TO 990 kg PAYLOAD PER TRAY, WITH TRAY WIDTHS UP TO 4,100 mm



TECHNICAL FEATURES	
UNIT HEIGHTS 3,300 mm to 21,000 mm	THROUGHPUT up to 120 trays/hr (depending on the configuration)
UNIT HEIGHT INCREMENT 200 mm	OPERATOR INTERFACE industrial console with 10.4" touch screen (Copilot)
TRAY STORAGE PITCH 25 mm	NUMBER OF BAYS up to 3, including above ground level and on the same side
TRAY WIDTHS 1,500 mm to 4,100 mm	BAY TYPES internal or external with single or dual delivery levels
TRAY DEPTHS 654 mm - 857 mm - 1,257 mm	• Minimal energy consumption • Automatic weight check for returned trays • Dynamic tray storage height • Galvanised-steel load-bearing structure • Eagle® steel-reinforced toothed-belt transmission • Elevator guide system with 6 rollers per side • Multiple payload tray management
GROSS PAYLOAD from 35,000 kg to 90,000 kg depending on model and configuration	
MAXIMUM STORAGE HEIGHT 695 mm (bay S) / 895 mm (bay M) / 1,295 mm (bay XL)	

OUR ADVANTAGES: MODULA'S TRAY CONFIGURATIONS

A Modula system can be configured in different ways, depending on how you plan to use it and on the type of picking bay required:

- Single bay
- Internal bay
- Opposite bay
- Double bay
- External bay
- Displaced bay

With a Modula system, you can select the dual-tray delivery option. This allows the operator to work on one tray in the picking bay while the next tray is retrieved and prepared for delivery.

Once work on the first tray has been completed, the second tray is ready.

The external bay makes it easier for operators to work with mechanical handling equipment, such as forklifts, zero-wight cranes, or overhead hoists.

It is also possible to perform picking operations simultaneously on both sides of the machine or to access the trays at different levels.

SINGLE INTERNAL DELIVERY



SINGLE EXTERNAL DELIVERY



DUAL INTERNAL DELIVERY



DUAL EXTERNAL DELIVERY



WHAT CAN YOU STORE IN A MODULA?

Whatever your industry, Modula allows you to store products and spare parts of various sizes, weights, heights, and volumes.

WHAT DO COMPANIES USUALLY STORE?

- Spare parts
- Small items

- Products and consumer goods for distribution or sale
- Finished and semi-finished products
- Tools, equipment, cosmetics, and pharmaceuticals
- Electrical and electronic components
- Mechanical parts
- Boxes and much more.



Tooling and drill bits



Reels and electronic components



Pharmaceuticals, boxes and cosmetics



Mechanical instruments



Tools and spare parts



Small parts and hardware



Bottles and labels



Spools, rope, chains

LIFT MODELS

ME - MED - MEDD



Model	Tray side height (mm)	Tray depth (mm)	Tray wall height (mm)	Net load capacity per tray (kg)	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
ME25	1,500	654	45/70/120	250	1,917x2,556	1,917x3,246
ME25D	1,500	857	45/70/120	250	1,917x3,165	1,917x4,058
ME25DD	1,460	1,257	45/70/120	250	1,917x4,365	1,917x5,658
ME50	1,500	654	70/120	500	1,917x2,556	1,917x3,246
ME50D	1,500	857	70/120	500	1,917x3,165	1,917x4,058
ME50DD	1,460	1,257	70/120	500	1,917x4,365	1,917x5,658
ME75	1,500	654	70/120	750	1,917x2,556	1,917x3,246
ME75D	1,500	857	70/120	750	1,917x3,165	1,917x4,058
ME75DD	1,460	1,257	70/120	750	1,917x4,365	1,917x5,658
ME1000	1,460	654	70/120	990	1,917x2,556	1,917x3,246
ME1000D	1,460	857	70/120	990	1,917x3,165	1,917x4,058
ME1000DD	1,460	1,257	70/120	990	1,917x4,365	1,917x5,658

MA - MAD - MADD



Model	Tray side height (mm)	Tray depth (mm)	Tray wall height (mm)	Net load capacity per tray (kg)	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
MA25	1,900	654	45/70/120	250	2,317x2,556	2,317x3,246
MA25D	1,900	857	45/70/120	250	2,317x3,165	2,317x4,058
MA25DD	1,860	1,257	45/70/120	250	2,317x4,365	2,317x5,658
MA50	1,900	654	70/120	500	2,317x2,556	2,317x3,246
MA50D	1,900	857	70/120	500	2,317x3,165	2,317x4,058
MA50DD	1,860	1,257	70/120	500	2,317x4,365	2,317x5,658
MA75	1,900	654	70/120	750	2,317x2,556	2,317x3,246
MA75D	1,900	857	70/120	750	2,317x3,165	2,317x4,058
MA75DD	1,860	1,257	70/120	750	2,317x4,365	2,317x5,658
MA1000	1,860	654	120	990	2,317x2,556	2,317x3,246
MA1000D	1,860	857	120	990	2,317x3,165	2,317x4,058
MA1000DD	1,860	1,257	120	990	2,317x4,365	2,317x5,658

MC - MCD - MCDD



Model	Tray side height (mm)	Tray depth (mm)	Tray wall height (mm)	Net load capacity per tray (kg)	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
MC25	2,500	654	45/70/120	250	2,917x2,556	2,917x3,246
MC25D	2,500	857	45/70/120	250	2,917x3,165	2,917x4,058
MC25DD	2,460	1,257	45/70/120	250	2,917x4,365	2,917x5,658
MC50	2,500	654	70/120	500	2,917x2,556	2,917x3,246
MC50D	2,500	857	70/120	500	2,917x3,165	2,917x4,058
MC50DD	2,460	1,257	70/120	500	2,917x4,365	2,917x5,658
MC75	2,500	654	70/120	750	2,917x2,556	2,917x3,246
MC75D	2,500	857	70/120	750	2,917x3,165	2,917x4,058
MC75DD	2,460	1,257	70/120	750	2,917x4,365	2,917x5,658
MC1000	2,460	654	120	990	2,917x2,556	2,917x3,246
MC1000D	2,460	857	120	990	2,917x3,165	2,917x4,058
MC1000DD	2,460	1,257	120	990	2,917x4,365	2,917x5,658

MX - MXD - MXDD



Model	Tray side height (mm)	Tray depth (mm)	Tray wall height (mm)	Net load capacity per tray (kg)	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
MX25	3,100	654	45/70/120	250	3,517x2,556	3,517x3,246
MX25D	3,100	857	45/70/120	250	3,517x3,165	3,517x4,058
MX25DD	3,060	1,257	70/120	250	3,517x4,365	3,517x5,658
MX50	3,100	654	70/120	500	3,517x2,556	3,517x3,246
MX50D	3,100	857	70/120	500	3,517x3,165	3,517x4,058
MX50DD	3,060	1,257	70/120	500	3,517x4,365	3,517x5,658
MX75	3,100	654	70/120	750	3,517x2,556	3,517x3,246
MX75D	3,100	857	120	750	3,517x3,165	3,517x4,058
MX75DD	3,060	1,257	120	750	3,517x4,365	3,517x5,658
MX1000	3,060	654	120	990	3,517x2,556	3,517x3,246
MX1000D	3,060	857	120	990	3,517x3,165	3,517x4,058
MX1000DD	3,060	1,257	120	990	3,517x4,365	3,517x5,658

ML - MLD - MLDD



Model	Tray side height (mm)	Tray depth (mm)	Tray wall height (mm)	Net load capacity per tray (kg)	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
ML25	4,100	654	70/120	250	4,517x2,556	4,517x3,246
ML25D	4,100	857	70/120	250	4,517x3,165	4,517x4,058
ML25DD	4,060	1,257	70/120	250	4,517x4,365	4,517x5,658
ML50	4,100	654	120	500	4,517x2,556	4,517x3,246
ML50D	4,100	857	120	500	4,517x3,165	4,517x4,058
ML50DD	4,060	1,257	120	500	4,517x4,365	4,517x5,658
ML75	4,100	654	120	750	4,517x2,556	4,517x3,246
ML75D	4,100	857	120	750	4,517x3,165	4,517x4,058
ML75DD	4,060	1,257	120	750	4,517x4,365	4,517x5,658
ML1000	4,060	654	145	990	4,517x2,556	4,517x3,246
ML1000D	4,060	857	145	990	4,517x3,165	4,517x4,058
ML1000DD	4,060	1,257	145	990	4,517x4,365	4,517x5,658



MAXIMUM
PAYLOAD PER
TRAY:
UP TO 990 KG



INDUSTRIAL
COPILLOT
CONSOLE:
10.4-INCH
TOUCHSCREEN



MODULA
WMS
SOFTWARE:
FOR COMPLETE
OPERATIONAL
CONTROL



OPERATOR
SAFETY:
ERGONOMIC,
SAFE, AND
TÜV-CERTIFIED

MODULA INTEGRATES WITH ALL TECHNOLOGIES

Modula is ideal for companies that need seamless integration with other technologies, such as:

- Robots
- Roller conveyors
- Put-to-Light systems
- Manipulators
- Zero-weight cranes

Thanks to Modula WMS, your VLM can be integrated with any ERP system, connecting the Modula storage system to your company's workflow and enabling it to exchange data with your management system.

This allows you to manage material and user master data, production orders, inventory, and spare parts, while maintaining greater control over stock levels and all warehouse movements, including picking and replenishment.

With Modula, stocktaking is easy, and custom analyses and reports help you keep everything under control.



Integration with anthropomorphic robots



Put-to-Light systems connected to WMS



Integration with manipulators and cranes



Integration with conveyors



Insulated machines for outdoor installation



Fire protection system integration

OPTIONS



Magnetic badge Reader



EKS Reader



Laser Pointer



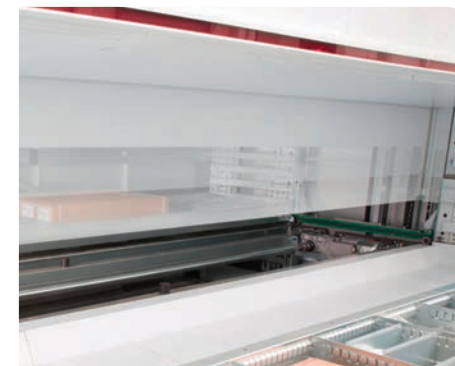
Put to Light



1D or 2D barcode Reader



Sliding console



Automatic door



Electrified tray



Foot bar task complete



End Picking Button



External bay lighting



RFID Reader



Alphanumeric bar

OPTIONS



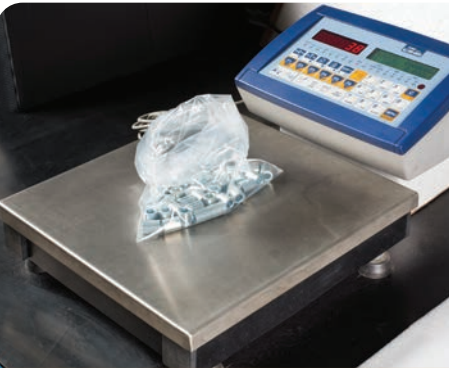
LED bar



ESD protection system



Label printer



Counting scale



Telescopic bay



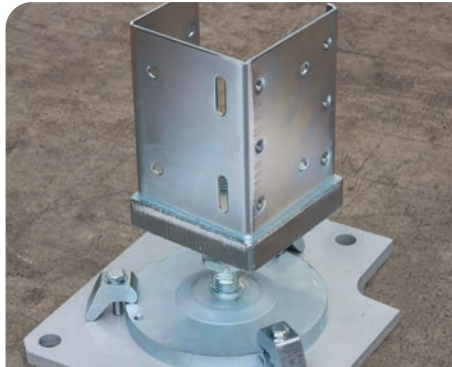
Trolley



Picking cart



Tray accessories



Weight distribution plates



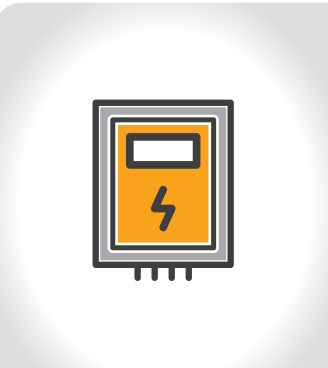
Modula Green



0 °C



Sprinkler predisposition



Remote electrical panel

TRUSTED BY COMPANIES WORLDWIDE



BEVERAGE

AKIJ FOOD AND BEVERAGE
BODEGAS JOSE ESTEVEZ
COCA COLA
CONTRI SPUMANTI
GINESTET
MOTHER PARKERS
NATURAL WATERS OF VITI
NESTLÉ WATERS
PEPSICO
SPENDRUPS
SUNTORY

Bangladesh
Spain
Belgium, USA
Italy
France
USA
Fiji
UK
USA, Australia, UK, Germany, Brazil
Sweden
Mexico



MECHANICAL
METALLURGICAL

ALSTOM TRANSPORT INDIA
BIESSE
BONFIGLIOLI RIDUTTORI
SATURN FASTENERS

India
Italy, USA, Malaysia
Italy, India, USA, China
USA



AUTOMOTIVE

AUDI
BMW
BREMBO
BRIDGESTONE CANADA
CNH INDUSTRIAL
CONTINENTAL
FCA
FERRARI
GKN DRIVELINE
GOODYEAR
HARLEY DAVIDSON
JAGUAR
MASERATI
MICHELIN
PEUGEOT-CITROEN
PORSCHE
RENAULT
SUBARU
VOLKSWAGEN

Mexico, Belgium, Spain
China, Belgium, Germany, Mexico, Canada, UK
Italy, Poland, China, Czech Rep, USA
Canada
Spain, Italy, Belgium, Netherlands
USA, Germany
Brazil, Poland, Italy, Serbia
Italy
Mexico, USA
Germany, Canada
USA
Belgium
Italy
France
France
Germany
France
USA, Canada
Germany, China, Spain, Argentina



CHEMICAL
PHARMACEUTICAL
BIOMEDICAL

GLAXO SMITH KLINE
INNOMED
INTAS PHARMACEUTICALS
JOHNSON & JOHNSON
ORFIT

Italy, UK, USA
USA
India
USA, Brazil
Belgium



ELECTRICAL
ELECTRONIC

BHARAT ELECTRONICS
EATON CONTROLS
PT INFINEON
SIEMENS
WURTH

India
Mexico
Singapore
France, India, Mexico
Germany, Slovakia



HYDRAULIC
PNEUMATIC

BOSCH REXROTH
WALVOIL
GUNTER TATA HUOTECHNIKA
MECANIZADOS ALCOY

Mexico, Germany, USA, Italy
Italy, USA
Hungary
Spain



AGRICULTURAL
MACHINERY

CNH INDUSTRIAL
KOMATSU
JOHN DEERE
RANGER INDUSTRIES

Brazil, Italy, Spain, Belgium
Italy
USA
USA



TRANSPORT

METROPOLITAN TRANSPORTATION AUTHORITY
NEW YORK CITY TRANSIT AUTHORITY
SNCF
TORONTO TRANSIT COMMISSION

USA
USA
France
Canada



PLASTIC

CONTITECH CHINA RUBBER & PLASTICS TECHNOLOGY
MILACRON PLASTIC TECH
KLINTPACK
WESTLAND GUMMIWERKE

China
USA
Thailandia
Germany



FOOD

CHOBANI
GRISSIN BON
OISHI - LIWAYWAY CHINA

USA
Italy
China



AERONAUTIC

BOMBARDIER
CHINA ACADEMY OF SPACE TECHNOLOGY
HINDUSTAN AERONAUTICS
LOCKHEED MARTIN CORPORATION
LUFTHANSA

Germany
China
India
USA
China



CERAMICS

FLORIM
PORCELANOSA MEXICO
PORCELANOSA NEW YORK
ROCA SANITARIO
SACMI

Italy, USA
Mexico
USA
Spain
Italy, Spain, Mexico



CLOTHING

GIORGIO ARMANI
CELINE
NIKE
PRADA
VALENTINO

Italy
Italy
USA, Belgium
Italy
Italy



COSMETICS

AIR-VAL INTERNATIONAL
IBERCHEM AROMAS
L'OREAL
MARIA GALLAND
RUSI COSMETIC

Spain
Spain
China
Germany
Germany



OPTICAL

ALCON
BUHLER LEYBOLD OPTICS
LUXOTTICA
MEKRA LANG GMBH & CO.

USA
China
Italy
Germany



JEWELLERY

LUCE BIANCA
MIDAS CHAIN
OTTAVIANI INTERNATIONAL
PERLUNICA

Italy
USA
Italy
Italy



ENERGY
OIL&GAS

BAKER HUGHES/ NUOVA PIGNONE
GE ENERGY
KUWAIT NATIONAL PETROLEUM COMPANY
PETRO CANADA
PETROLEO BRAZILEIRO

UK, Italy
USA
UAE
Canada
Brazil, Poland, Italy, Serbia



PAPER

AKIJ PRINTING AND PACKAGES
BIC ECRITURE
CCL LABELS
INTERNATIONAL PAPER
HACHETTE LIVRE

Bangladesh
France
USA
USA
France



ARMY

DDDC DEFENSE DISTRIBUTION DEPOT CAL
DLA-AVIATION
U.S.A.F. - MCCONNELL AIR FORCE BASE
U.S. AIR FORCE DOVER AFB

USA
USA
USA
USA



SUPERMARKET

CONAD DEL TIRRENO
CONSUM COOP
OTK KART USA CORP.
SUPERMERCATI TOSANO CEREAL
WOOLWORTHS SUPERMARKET

Italy
Spain
USA
Italy
Australia



FURNITURE

ALLIANCE LAUNDRY
BIG HOME SHOP
INTERFACE
SCAVOLINI
SANA TRENNWANDBAU

Czech Rep
UK
USA
Italy
Germany



PACKAGING

AETNA GROUP
POPLAST
SOFLOG

USA
Italy
France

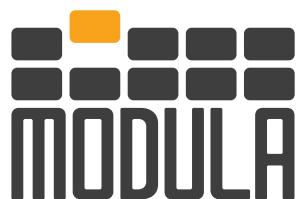


3
production plants

14
subsidiaries

100+
dealers

Modula is present in 5 continents with dealers and branches located in over 50 countries



MODULA S.p.A.

Via San Lorenzo, 41
42013 Salvaterra di Casalgrande (RE) - Italy
Tel. +39 0522 774 111
info@modula.com
www.modula.com

