



# Modula LIFT

Think Vertical, Think Modula

# Recover space and increase productivity. Improve in ergonomics and flexibility!

Modula Vertical Lift Modules are the ideal solution to recover space on your shop-floor or distribution area, while improving the efficiency, speed and accuracy of your picking operations. Twenty years of experience and continuous research have produced a highly technical product in which safety and design are the main focus.

Before Modula



After



Floor Space  
Recovery



UP  
TO **90%**



1. RECOVER SPACE



2. INCREASE SECURITY



3. SAVE TIME



4. IMPROVE ACCURACY



5. REDUCE RISKS



6. BOOST INVENTORY  
MANAGEMENT

THROUGHPUT OF UP TO 120 TRAYS/HOURS

TRAY ADJUSTABILITY

25mm 25mm 25mm 25mm

CERTIFICATION



STEEL INTERNAL  
FRAME STRUCTURE

PRE-COATED EXTERIOR  
STEEL PANELS

STEEL REINFORCED  
TOOTHED BELT

TOUCH SCREEN  
OPERATOR CONSOLE

USER FRIENDLY  
SOFTWARE INTERFACE

## Technical highlights

Unit heights: **from 3.300 mm to 14.100 mm**  
Unit height increments on: **200 mm**  
Tray storage adjustability: **25 mm**  
Tray widths: **from 1.900 mm to 4.100 mm**  
Tray depths: **654 mm & 857 mm**  
Maximum product heights up to: **695 mm**  
Net tray payload capacities: **250 kg, 500 kg & 750 kg**  
Net unit load capacity: **60.000 kg**  
Gross unit load capacity: **70.000 kg**  
Throughput: **up to 120 Trays / hr** (depending on the unit's configuration)  
Operator interface: **rugged 10,4" colour touchscreen control console**  
Number of bays: **up to 3**, also higher than ground and on the same side  
Type of bay: **internal or external with single or dual tray delivery**  
Minimal energy consumption: **3kW vertical axis motor**  
Automatic tray weight measurement each time a tray is returned  
Dynamic storage of trays depending on the specific height  
Internal zinc coated steel structure  
Vertical axis lifting design driven by 2 steel reinforced toothed belts  
Extractor's vertical lifting system with 8 HDPE rollers for each side of the elevator



## Copilot operator console

The Copilot is a rugged operator interface, suitable for any industrial environment. Thanks to its 10.4" colour display with touch screen technology and an easy to use Lift OS operating system, the result is an extremely user friendly experience for any operator.

## Modula WMS software suite

Modula WMS is a fully featured warehouse management software that can be used to manage the space and utilization of Modula Lift units, or as a standalone software tool. It can easily be interfaced with nearly any ERP system.

## Maximum payload for every tray width

Modula Lift VLM units offer a wide range of tray dimensions and load capacities. With tray sizes up to 4.1 meters wide and load capacities of up to 750 kg, Lift units are able to meet nearly any application's requirements.

## Operator safety

All Modula units are equipped with physical and optical safety barriers in order to ensure a 100% safe environment to operators. Product safety is further guaranteed by the TÜV-GS certification obtained for the entire product line.

## Internal or external, single or dual delivery

Modula offers 4 different bay configurations.

The internal bay is the ideal configuration when space is at a premium.

The external bay offers the best possible ergonomic workspace for operators. It can provide further benefits when used in combination with picking aids such as cranes and mechanical manipulators to lift heavy items stored within trays.

Single delivery level is ideal when the machine will be used moderately, or when the picking time is quick.

Dual delivery is the ideal configuration for a fast-paced picking operation.



SINGLE INTERNAL DELIVERY SINGLE EXTERNAL DELIVERY DUAL INTERNAL DELIVERY DUAL EXTERNAL DELIVERY



## MA & MA-D



Model	Tray Width (mm)	Tray Depth (mm)	Tray Wall Height (mm)	Maximum Tray Load Capacity (kg)	Unit Footprint INTERNAL BAY (width x depth) (mm)	Unit Footprint 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
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
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

## MC & MC-D



Model	Tray Width (mm)	Tray Depth (mm)	Tray Wall Height (mm)	Maximum Tray Load Capacity (kg)	Unit Footprint INTERNAL BAY (width x depth) (mm)	Unit Footprint 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
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
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

## MX & MX-D



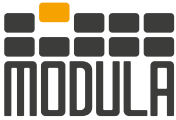
Model	Tray Width (mm)	Tray Depth (mm)	Tray Wall Height (mm)	Maximum Tray Load Capacity (kg)	Unit Footprint INTERNAL BAY (width x depth) (mm)	Unit Footprint EXTERNAL BAY (width x depth) (mm)
MX25	3.100	654	45 / 70 / 120	250	3.517x2.556	3.517x3.246
MX25D	3.100	857	45 / 70 / 120	250	3.517x3.165	3.517x4.058
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
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

## ML & ML-D



Model	Tray Width (mm)	Tray Depth (mm)	Tray Wall Height (mm)	Maximum Tray Load Capacity (kg)	Unit Footprint INTERNAL BAY (width x depth) (mm)	Unit Footprint 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
ML50	4.100	654	120	500	4.517x2.556	4.517x3.246
ML50D	4.100	857	120	500	4.517x3.165	4.517x4.058
ML75	4.100	654	120	750	4.517x2.556	4.517x3.246
ML75D	4.100	857	120	750	4.517x3.165	4.517x4.058





Accessories		Biomechanical/Biomedical Industry		Pharmaceutical	
Black&Decker	USA	Biotec	Italy	Abbott	France
Colgate Palmolive Company	USA	Fatro SPA	Italy	Amgen	USA
Costan	Italy	Medison co.	Korea	Bayer	Mexico
Cristian Lay	Spain	Merit Medical Systems	USA	Cooper Vision	USA
Deny Fontaine	France	Neodent	Brazil	Fresenius Kabi	Italy
Dewalt	USA	Steris Corporation	USA	GlaxoSmithKline	USA
GGB	USA	Symrise	USA	Janssen Pharmaceutical	Belgium
Incold	Italy	Synthes	USA	Johnson & Johnson	USA
Maria Galland	Germany			Roche	Italy
Osram	Mexico/Italy				
Seco Tools	France				
Aeronautic		Paper Industry/Publishing		Hydraulic/Oledynamic/Pneumatic Industry	
Barry Controls Aerospace	USA	Crane&Co	USA	Dicsa	Spain
Bombardier	Germany	Irving Tissue	USA	Festo Pneumatics	Mexico
Dassault Aviation	France	MPO	France	Hawe Hydraulics	USA/China
Embraer	Brazil	Rocktenn Preprint	Canada	HP Hydraulics	Italy
Eurocopter	France	SICPA	Brazil	IMM Hydraulics	Italy/Great Britain
Israel Aerospace Industries		Sofidel	Italy/France	Mono Pumps	Great Britain
JPR	France			Sag/Sagom Tubi	Italy
Krasny Otkyabr	Russia				
Lufthansa	China				
TFI	France				
Food Industry		Ceramic Industry		Logistics/Transport Industry	
Acetaia di Modena	Italy	Cooperativa Ceramica di Imola	Italy	AVTO LOGISTIKA	Russia
Beam Global	Spain	Euroceramique	Spain	CSX Transportation	USA
Contri Spumanti	Italy	Kajaria Ceramics	India	DB Service GmbH	Germany
Damm	Spain	Pamesa Ceramica	Spain	Infrabel Railway	Belgium
Marchesi Antinori	Italy	Porcelanosa Group	USA	Kuhne + Nagel	Spain/France
Mars	USA	Sacmi	Italy/Mexico	MTA Metro North Railroad	USA
Nestle	Great Britain	Serenissima Ceramiche	Italy		
Pepsi Corporation	USA	Tecnografica	Italy		
Spendrups	Sweden				
Vonpar Refrescos	Brazil				
Yoplait (General Mills)	France				
Furnishing		Chemical		Mechanical/Metallurgy	
Alexandria Mouldings	USA	Akzo Nobel	Italy	Bonfiglioli Riduttori	Italy
Edilkamin	Hungary	BASF	Spain	Comau	Italy/Romania
Franke	Italy	Dupont	USA	Fanuc Robotics	Italy
Immergas	Italy	Firmenich	Switzerland	Fliegl	Germany
		Grupo AC Marca	Spain	Honeywell Garrett	Italy/Romania
		Infracor GmbH	Germany	IMA Industries	Italy
		Wacker Chemie	Germany	KBA Konig&Bauer	Germany
				Marchesini Group	Italy
				Otis	Italy
				Rodo-ketten	Germany
				Su-matic	Italy
				Thyssenkrupp	Brazil/China
				Vesuvius	Germany
Automotive		Construction Industry		Plastic Industry	
Automobili Lamborghini	Italy	Aluplast	Italy	Lavel Gomma	Italy
Axletech	France	I.K.O.	Canada	Schwartz GmbH	Germany
Betamotor	Italy	Saint Gobain	USA	Trelleborg	Great Britain/China
Brembo	Italy/Poland/China	Wilo SE	Germany	Vision Extrusion	Canada
Caterpillar	USA				
Chrysler	Mexico				
CNH Industrial (FIAT)	Spain/Belgium				
Continental	Germany/Romania/Serbia				
Daimler	Germany				
Ferrari	Italy				
FIAT	Italy/Serbia				
Ford	Spain				
Goodyear	Germany				
Iveco (FIAT)	Spain				
John Deere	USA				
Renault	France				
New Holland Tractor (FIAT)	Holland				
Pagani Automobili	Italy				
Porsche	Germany				
Volkswagen	Germany/China				





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