

# ONE-WHEEL DRIVE STACKER

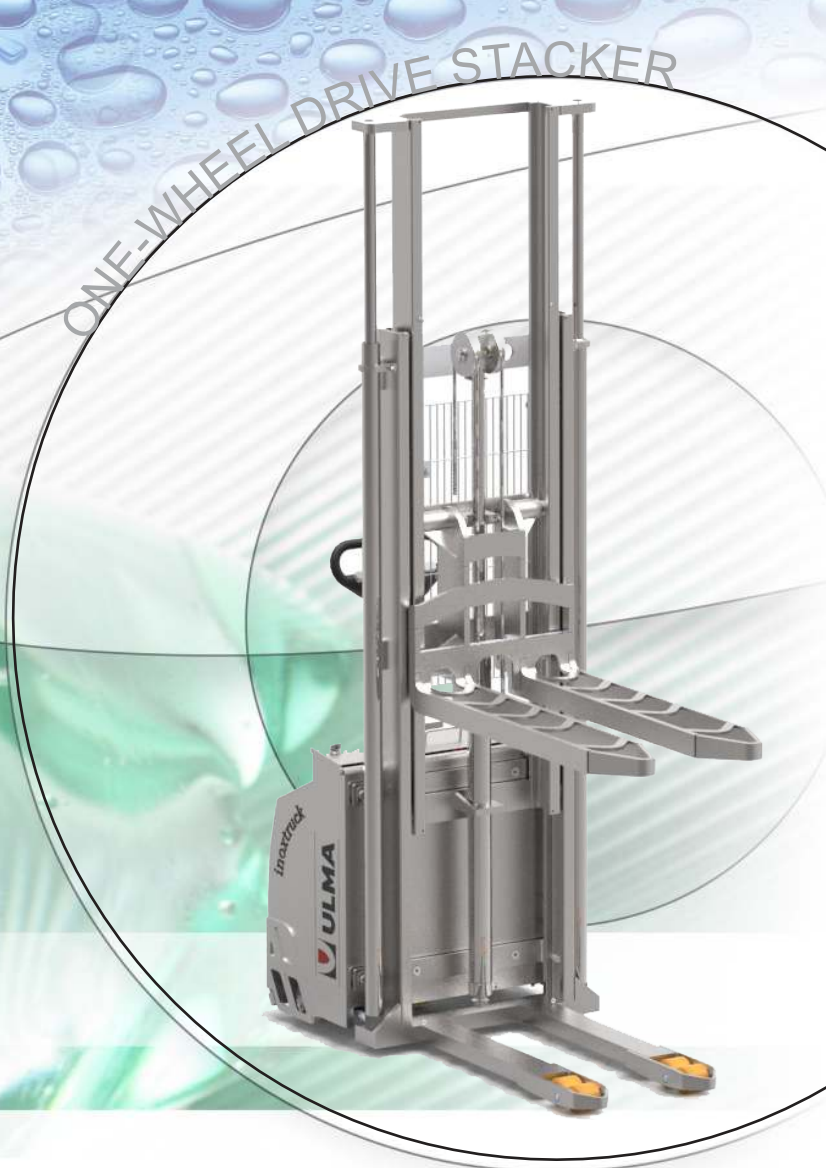
- **Hygienic innovative design**
- **Resistant chassis**
- **One-Wheel Drive**
- **100% stainless steel with protected electronics**
- **AC motor**

The ULMA Inoxtruck pedestrian electronic stacker provides an hygienic and innovative design, solving all stacking and load storage needs at different heights.

Our robust and 100% stainless steel electronic stacker ensures a high durability and the best robust and hygienic features, reducing the maintenance cost.

In conclusion, these equipment offer a residual load capacity at maximum height in stainless steel.

ULMA INOXTRUCK has adapted the concept of hygienic design to its products, well known as part of the extended Good Manufacturing Practices (GMP) in the design of the processing and packaging machines. Therefore ULMA INOXTRUCK material handling equipments present an innovative and hygienic design that allow our customers to include our products in the cleaning procedures that the companies have set to guarantee the hygiene of their Clean Rooms.



## Hygienic innovative

Design Totally opened chassis, waterproof compartment for lifting/driving system and the operator drives and controls with high IP65 or higher protections provide a hygienic design. All electronic protection in a waterproof and heated compartment. Curved and sloped structure for a perfect drainage and a fast drying.

## Minimum Maintenance

Waterproof sealed stainless steel bearing in load wheels and mast. The bearing doesn't need any lubrication because its composition stainless steel and polymer plastic.

## Ergonomic and Safety

This stacker has a comfortable mechanical steering and speed reduction function in curves apart from a weight limiter function. Furthermore, this stacker has a safety valve to prevent carriages and electronic components breaks.

## Easy Accessibility

Quick open hood to access to all electronic parts. Side battery output.

## High Visibility

The revolutionary and hygienic vision mast offers an optimum front visibility and lift capacity.

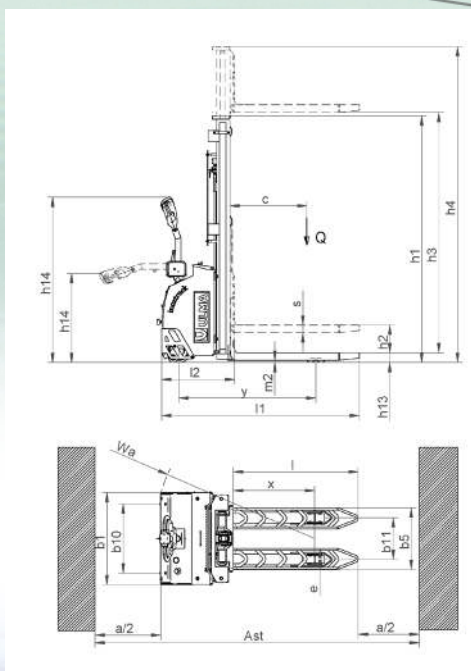
## Compact Chassis

The compact chassis stacker with a central wheel driving system and side stabilizers (includes a traction system and suspension as optional) is designed to/for applications with conventional stackers where the working hallways are limited for our double tractioned stacker.

Characteristics			
1.1	Manufacturer (abbreviation)		ULMA Inoxtruck
1.2	Manufacturer's model designation		EPS 10 (I)
1.3	Power source: battery, diesel, LP gas, petrol		Battery
1.4	Operator type: pedestrian, operator standing, seated		Operator Standing
1.5	Load capacity	Q	kg
1.6	Load center distance	C	mm
1.8	Load wheel axle to fork face	X	mm
1.9	Wheelbase	Y	mm
1.10	Chassis		AISI 304L
1.11	Sheet		AISI 304L
Weight			
2.1	Truck weight with nominal load & maximum battery weight		kg
2.2	Axle loading nominal load & maximum battery weight, drive/load side		kg
2.3	Axle loading without load & maximum battery weight, drive/load side		kg
2.3	Axle loading without load & maximum battery weight, drive/load side		kg
Wheels and Drive Train			
3.1	Tyres: P=Polyurethane, PT=Power Thane, Vul=Vulkollan, drive/load side		Vul / Vul
3.2	Tyre dimensions, drive side		230 X 82
3.3	Tyre dimensions, load side		85 X 73
3.5	Number of wheels, drive/load side (x=driven)		2/2X2
3.6	Track width (center of tyres), drive side	b10	mm
Dimensions			
4.9	Height of tiller arm (minimum/maximum)	h14	mm
4.15	Fork height, fully lowered	h13	mm
4.19	Overall length	l1	mm
4.20	Length to fork face (includes fork thickness)	l2	mm
4.21	Overall width	b1	mm
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm
4.25	Outside width over forks (minimum/maximum)	b5	mm
4.32	Ground clearance at center of wheelbase (forks lowered)	m2	mm
4.33a	Working aisle width (Ast) with 1000x1200 mm pallets, load lengthwise, platform up/down	Ast	mm
4.34a	Working aisle width (Ast) with 800x1200 mm pallets, load lengthwise, platform up/down	Ast	mm
4.35	Turning circle radius	Wa	mm
Performance			
5.1	Travel speed, with/without load	km/h	6/6
5.2	Lifting speed with/without load	m/s	0.11/0.15
5.3	Lowering speed with/without load	m/s	0.14/0.14
5.8	Maximum gradeability, with/without load	%	9.1/15
Electric Motor			
6.1	Drive motor capacity (60 min. short duty)	kW	1.2
6.2	Lift motor output at 15% duty factor	kW	3.2
6.4	Battery voltage/capacity at 5 hours discharge	V/Ah	24 / 250
6.5	Battery weight	kg	217
Miscellaneous			
8.1	Type of driven control		Proportional
8.2	Type of load handling control		Proportional

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ULMA Inoxtruck products are constantly improving because of this reason, some materials, options and specifications can be changed without previous notifications.



EPS 10RM					
Mast Type	h3+h13 mm	h1 mm	h4 mm	h2+h13 mm	b1 mm
Simplex	1500	2040	2040	1500	850
Duplex free lift	2600	1905	3155	1300	850
Duplex	2600	1905	3155	160	850
Duplex free lift	3200	2305	3955	1600	850
Duplex	3200	2305	3955	160	850

#### OPTIONS

- Platform
- Stainless Steel AISI 316L
- Double roller
- Side output
- Electronic steering
- Safety side bars
- Overhead guard
- Drive suspension
- Initial lift
- ATEX, protection against explosive atmosphere

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