ELECTRO MANUAL STACKER MAXI-LOAD
EMS 600 - 1000

- **Hygienic Innovative Desing**
- **Aggressive environments resistant chassis**
- **Hydraulic lifting**
- **Extremely light**
- **Protected Electronics IP65**

ULMA Inoxtruck electro manual stackers have been designed to rolls, boxes and implements handling in manufacturing clean rooms.

The lifting system minimize the manual handling of load and mantain the load in an ergonomic height to handle it, reducing efforts.

MAST CONFIGURATION						
EMS 600			EMS 1000			
MAST TYPE	H12	H1	H4	H12	H1	H4
SIMPLEX	1500	2050	2050	1500	2050	2050
SIMPLEX	1800	2350	2350	1800	2350	2350
DUPLEX	2600	1930	3250	-	-	-

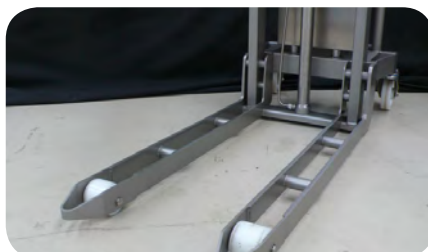### Hygienic Innovative Desing

Totally opened chassis, continuous weldings, protected lifting cable and his tubular structure make possible a daily equipment cleaning without affecting his features, avoiding rusting problems thanks to stainless steel, plastic and polymer materials that they use.

Maximun Safety

The drive wheels withs brakes make the loading and unloading of rolls, implements... a safe operation. Furthermore, the two rollers of the structure helps to get out any object between supporting tube and roller. The two sensors installed in the structure make possible an automatic stop when the carriage achieve his upper and lower limit.

Robust, Durable and Easy Handling Structure

The two ergonomic handles and the hydraulic lifting/descent buttom allows an easy handling of the stacker.
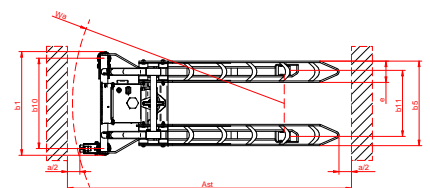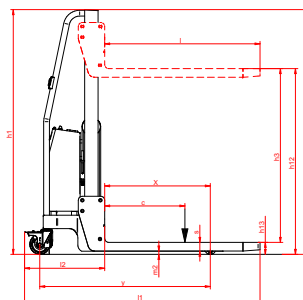
Front and Side Handling

The lifting system of the different tailor-made designed implements, make possible the front/side replacement of rolls, boxes and implements.

ULMA

Inoxtruck

	Characteristics			ULMA Inoxtruck	ULMA Inoxtruck
1.1	Manufacturer (Abreviation)			ULMA Inoxtruck	ULMA Inoxtruck
1.2	Manufacturer´s model designation			EMS 600	EMS 1000
1.3	Power source: battery, diesel, LP gas, petrol			Battery	Battery
1.4	Operator type: manual, pedestrian, operator standing, seated,			Manual	Manual
1.5	Load capacity	Q	kg	600	1000
1.6	Load center distance	C	mm	600	600
1.7	Load wheel axle to fork face	X	mm	790	900
1.8	Wheelbase	Y	mm	1280	1465
1.9	Chassis			AISI 304L	AISI 304L
1.10	Sheet			AISI 304L	AISI 304L
	Weight				
2.1	Truck weight with nominal load & maximum battery weight		kg	790	1330
2.2	Axle loadings with nominal load & maximum battery weight, drive/ load side		kg	215/575	450/880
2.3	Axle loadings without load & maximum battery weight, drive/load side		kg	100/90	210/120
	Wheels and Drive Train				
3.1	Tyres: P=Polyurethane, PA=Polyamide (nylon), Vul=Vulkollan,drive/ load side			PA/PA	PA/PA
3.2	Tyre dimensions, drive side			80 x 67	80 x 67
3.3	Tyre dimensions, load sice			150 x 40	160 x 40
3.5	Numbers of wheels, drive/load side, (x=driven)			2/2	2/2
3.6	Truck width (center of tyres), drive side	b10	mm	615	620
3.7	Truck width (center of tyres), load side	b11	mm	450	430
	Dimensions				
4.15	Fork height, fully lowered	h13	mm	90	90
4.19	Overall length	l1	mm	1760	1860
4.20	Length to fork face (includes fork thickness)	l2	mm	600	670
4.21	Overall width	b1	mm	705	760
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	65/145/1160	65/145/1200
4.25	Outside width over forks	b5	mm	575	575
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	25	25
4.33	Working aisle width (Ast) with 1000x1200mm pallets, load crosswise	Ast	mm	2290	2380
4.34	Working aisle width (Ast) with 800x1200mm pallets, load lenghtwise	Ast	mm	2210	2300
4.35	Turning circle radius	Wa	º	1440	1600
	Performance				
5.2	Lifting speed with/without load		m/s	0.075-0.1/0,08-0,12	0.075-0.1/0,08-0,12
5.3	Lowering speed with/without load		m/s	0.08-0.12/0,08-0,12	0.1-0.14/0,1-0,14
	Electric Motor				
6.2	Lift motor output at 15% duty factor	DC	kW	2	2
6.4	Battery voltage/capacity C5		V/Ah	12/40	12/105
6.5	Battery weight		kg	17	37,5

ULMA Inoxtruck's products are constantly improving. Because of this reason, some materials, options and especifications can be changed without previous notification.

OPTIONS

- AISI 316L
- Duplex mast

Engineered
by challenges