

# **STAINLESS STEEL ELECTRIC LIFT STACKER**

EMS 600 - 1000



ULMA Inoxtruck electro manual stackers have been designed to rolls, boxes and implements handling in manufacturing clean rooms. The lifting system minimise the manual handling of load and mantain the load in an ergonomic height to handle it, reducing efforts.



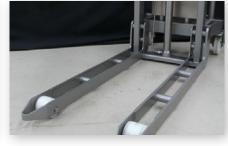
## **FEATURES**

- Hygienic Innovative Desing
- Aggressive environments resistant chassis
- Hydraulic lifting
- Extremely light



#### 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 & EASY** HANDLING STRUCTURE

The two ergonomic handles & the hydraulic lifting/descent buttom allows an easy handling of the stacker.

#### FRONT AND SIDE HANDLING

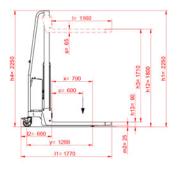
The lifting system of the different tailor-made designed implements, make possible the front/side replacement of rolls, boxes and implements.

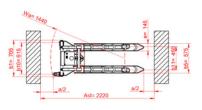
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| SPECIFICATION   |      |   |       |      |                |                |
|-----------------|------|---|-------|------|----------------|----------------|
| Characteristics | 1.1  | Manufacturer  |       |      | Ulma Inoxtruck | Ulma Inoxtruck |
|                 | 1.2  | Product Number  |       |      | 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  | С     | mm   | 600            | 600            |
|                 | 1.7  | Load wheel axle to fork face  | ×     | 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/<br>load side        |       | kg   | 100/90         | 210/120        |
| Wheels Types    | 3.1  | Tyres: P=Polyurethane, PA=Polyamide (nylon), Vul=Vulkol-<br>lan,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  | 11    | mm   | 1770           | 1870           |
|                 | 4.20 | Length to fork face (includes fork thickness)                                   | 12    | mm   | 600            | 670            |
|                 | 4.21 | Overall width   | b1    | mm   | 705            | 705            |
|                 | 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   | 2280           | 2320           |
|                 | 4.34 | Working aisle width (Ast) with 800x1200mm pallets, load lenghtwise              | Ast   | mm   | 2220           | 2220           |
|                 | 4.35 | Turning circle radius   | Wa    | 0    | 1440           | 1500           |
| Perf            | 5.2  | Lifting speed with/without load   |       | s    | 0.075/0.1      | 0.075/0.1      |
|                 | 5.3  | Lowering speed with/without load  |       | S    | 0.01/0.01      | 0.01/0.01      |
| Drive           | 6.2  | Lift motor output at 15% duty factor  |       | kw   | 2              | 2              |
|                 | 6.4  | Battery voltage/capacity at 5 hour discharge                                    |       | v/Ah | 12/40          | 12/90          |
|                 | 6.5  | Battery weight  |       | kg   | 17             | 36,5           |





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