

# HX10E SCALE

## THE INTELLIGENT SCISSOR SCALE PALLET TRUCK



### HX10E WITH SCALE

The HX10E scissor with scale is an intelligent tool that makes possible an easy and light lifting to a height of 800 mm thanks to the reliable electric motor and to the powerful battery. It is designed with a precise and intuitive scale device that permits to lift and weigh the loads at the same time, making it functional in all internal weighing operations.

When lifted, it becomes a practical work platform, which is suitable for places such as machine workshops.

This pallet truck is also able to carry out the support function and material supply along the assembly and production lines.



### SCALE

The use of the scale is simple and intuitive. The LCD display, located on the front of the pallet truck, is not fixed, but rather can be adjusted for convenient functionality and usability: it can be rotated up to 270° towards the tiller to follow the operator in different loading and unloading situations.



### SAFETY

The high visible **emergency pushbutton** with the function of battery cut-off switch (isolator) is one of the devices that make the work tasks safer and more efficient.

The safety **limit switch** device protects against oil over pressure.

The battery box base is especially designed to **prevent foot injury** and to leave more space of movement to the operator.



## ERGONOMICS

The machine is highly recommended for improving the ergonomic conditions of the workstations and the quality of work activities for operator, both in the short and long term.

### Foot protection shape

The shape of the battery box offers **much space for the feet** and ensures freedom and naturalness of movement: the operator does not have to juggle to avoid hitting the machine and can move easily and comfortably around it.

### Tiller

The special **3D superior ergonomic shape** tiller, compared to a conventional tiller, allows the operator to have a good position when pushing the loads with maximum efficiency without fatigue. This thanks to two large grasping side areas specifically designed to have a correct position during operation of the truck.



## EASY MAINTENANCE

Battery compartment cover easily removable and inserted from above.

All components subject to replacement are clearly visible and easily accessible.



## AUTO LEVELLING SYSTEM

For an even more ergonomic workstation, the machine can be equipped with the optional Auto Level system, able to adjust the height of the forks and maintain the desired working height constant. Available also as retrofit, it includes:

- Optical and acoustic signal activated with every fork movement
- Microswitch active both upwards to avoid unnecessary energy absorption and downhill to protect the operator
- Precise and punctual fork lifting with additional VBS



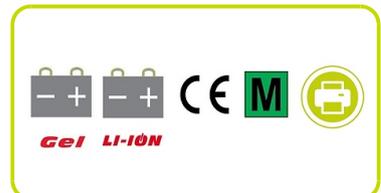
## CONFIGURATION

### STANDARD

- Rubber steering wheels and polyurethane rollers
- 12V 60Ah starter battery
- On-board battery charger with frontal IEC plug
- Battery status indicator visible from the manouvering station

### OPTIONAL

- GEL BATTERY - 12V 50Ah: particularly suitable for deep cycle applications, gel battery is safer (no acid spilling out) and without maintenance (does not need watering)
- LITHIUM BATTERY - 24V 30Ah: maintenance-free and with long life. Quick opportunity charging allowed, even during breaks and lunch, without impairing the battery service life
- CE-M: approved version for selling by weight in legal for trade applications
- THERMAL PRINTER: to guarantee immediate traceability of the weighs made



## Description

1.1 Manufacturer			LIFTER
1.3 Drive			Manual
Lift			Electric
1.4 Operator type			Pedestrian
1.5 Load capacity	Q	kg	1000
1.6 Load centre distance	c	mm	600
1.8 Load axle to end forks	x	mm	970
1.9 Wheel base	y	mm	1226

## Weights

2.1 Service weight		kg	215
2.2 Axle load, laden rear		kg	765
2.2 Axle load, laden front		kg	450
2.3 Axle load, unladen front		kg	148
2.3 Axle load, unladen rear		kg	67

## Tyres/Chassis

3.1 Tyres: front wheels			RUBBER
3.1 Tyres: rear wheels			POLY.I.
3.2 Tyre size: Steering wheels - Width		mm	50
3.2 Tyre size: Steering wheels - Diameter		mm	200
3.3 Tyre size: Load rollers - Diameter		mm	70
3.3 Tyre size: Load rollers - Width		mm	60
3.5 Tyre size: rear wheels - Q.ty (X=driven)		nr	2
3.5 Tyre size: front wheels - Q.ty (X=driven)		nr	2
3.6 Tread, front	b10	mm	155
3.7 Tread, rear	b11	mm	437

## Dimensions

4.4 Lift height	h3	mm	715
4.9 Height of tiller in drive position max	h14	mm	1244
4.9 Height of tiller in drive position min	h14	mm	887
4.15 Height, lowered	h13	mm	90
4.19 Overall length	l1	mm	1720
4.20 Length to face of forks	l2	mm	535
4.21 Overall width	b1/ b2	mm	565
4.22 Fork dimensions - Thickness	s	mm	70
4.22 Fork dimensions - Width	e	mm	180
4.22 Fork dimensions - Length	l	mm	1185
4.25 Distance between fork arms	b5	mm	565
4.32 Ground clearance, centre of wheelbase	m2	mm	15
4.34 Aisle width	Ast	mm	2176
4.35 Turning radius	Wa	mm	1515

## Performance data

5.2 Lifting speed laden		m/s	0,08
5.2 Lifting speed unladen		m/s	0,13
5.3 Lowering speed laden		m/s	0,13
5.3 Lowering speed unladen		m/s	0,06

### Electric motors

6.4 Battery voltage	V	12
6.4 Battery capacity, Min	Ah	60 C20
6.4 Battery capacity, Max	Ah	60 C20
6.5 Battery weight, Max	kg	14

### Scale

Type		DFWL
Digits	n.	6
Digit height	mm	25
Kilograms		Yes
Lbs		Yes
Tare		Yes
Auto-off		Yes
Totalization		Yes
Counting		Yes
Operating time	h	40
Accuracy	%	0.05
Shear-beam load cells	n.	4
Division	kg	0.5
6.4 Battery voltage	V	6
6.4 Battery capacity	Ah	4

