

OVS-010-HERO

Motorized stockpicker platform with working height up to 6600 mm



INTRODUCTION

Compact and highly maneuverable, the OVS-010-HERO platform offers a high-performance solution for order picking and working at height. It is ideal for warehouses, distribution centers, and retail spaces. Its lithium battery provides a long battery life of 7 hours of continuous use. It has a platform with a capacity of 127 kg, as well as two loading baskets with a capacity of 100 kg each. Its four steering modes make it easy to work in confined spaces.

// ADVANTAGES

- Maximum platform weight: 127 kg
- Maximum front and rear basket load: 100 kg (x2)
- Working height up to 6.6 m
- Four steering modes, including sideways movement and rotation on the spot
- Turning radius of only 800 mm
- Speed deceleration function
- Extendable front basket
- 24 V / 150 Ah lithium battery
- PIN code and RFID access card start-up
- LCD screen
- Built-in charger

SIDE MOVEMENT

Unique feature on this type of equipment



4 STEERING MODES



N1 – Front steering

Steering on front wheels. Long distances. Available at all heights with automatic speed reduction.



N2 – Rear steering

Rear-wheel steering. Confined areas. Available at all heights with automatic speed reduction.



C – Lateral movement - Crab mode

Steering wheels turning in the same direction. Sideways movement and parallel translation. Available up to 3000 mm platform height with automatic speed reduction.



Z – Zero point rotation - 360°

Steering wheels in opposite directions. 360° rotation on the spot. Available up to 3000 mm platform height with automatic speed reduction.

Safety protection – multiple guarantees

Lifting/translation/tilt angle linkage device Translation speed and lifting speed automatically adjust according to the lifting height.

Lifting height and travel speed automatically adjust according to the tilt angle.

Device for protection against falling objects

A safety switch is installed under the platform. If an object falls onto the platform, the descent stops automatically. Operation resumes once the object has been removed.

Low voltage protection system

When the battery is low, the system automatically deactivates certain functions to extend battery life. Automatic speed reduction when turning.



Easy maintenance

High-efficiency permanent magnet synchronous drive motor.

Brushless DC motor, maintenance-free, long service life.

The drive unit is equipped with a suspension system.

SAFETY AND RELIABILITY



The extendable basket from 345 to 525 mm allows for increased load volume while maintaining clear visibility.

CAN-bus

Diagnostics and maintenance are facilitated by CAN-bus technology.



Storage areas available for accessories and documents.

- A** USB connector for power supply and charging of external devices
- B** Platform lift and lower buttons
- C** On/off button
- D** LED side lighting
- E** Dual-hand detection control handles
- F** LCD screen for full status display
- G** PIN code lock with RFID support
- H** Buttons for selecting the four steering modes
- I** Expandable basket
- J** Gear selector
- K** Emergency stop button



OPTIONS AND ACCESSORIES



Standard flashing LED beacon to alert road users



Standard blue safety LED spotlight



Additional up/down buttons on the side of the basket as standard.



Standard LED side lights, ideal for low-light environments



Hitch for pulling carts, trailers, or rolling platforms (optional)



Hooks for securing objects during transport (optional)

BATTERY AND CHARGER



Lithium batteries, long life and maximum safety. 7 hours of battery life with intensive use.

BMS battery management system with thermal management and high voltage control

Can be recharged during operator breaks and shifts. Continuous operation across multiple shifts.

No battery replacement required.

Integrated 24 V / 30 A lithium charger

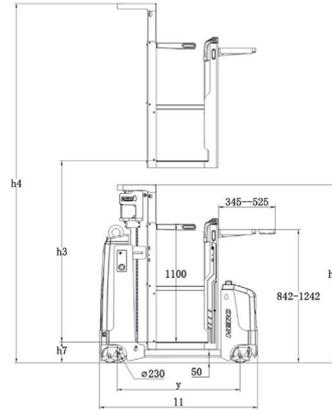
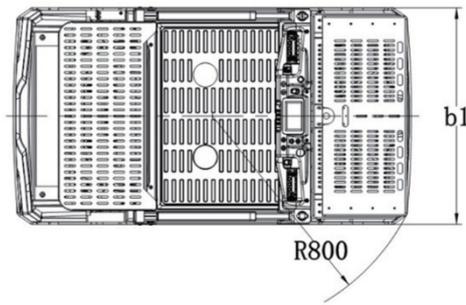
25 A max with 110 V input

30 A max with 120–240 V input

All Li-ion batteries are equipped with an onboard battery management system (BMS), which ensures mandatory monitoring of all important battery parameters during charging and operation (in accordance with EN62619).

This control guarantees the safety of the Li-ion battery throughout its entire life cycle. Li-ion batteries are certified according to international safety transport and usage standards. The BMS communicates with the pallet truck's control system via CAN-BUS. Support for CAN-BUS protocols allows the battery status to be monitored and diagnosed using a CURTIS console.





Technical specifications according to VDI 2198 standard				
Characteristics	1.2	Reference - Model	OVS-010-HERO	
	1.3	Propulsion mode	Electric	
	1.5	Load capacity, front basket	Q (t)	100
	1.6	Load capacity, rear basket	Q (t)	100
	1.7	Load capacity, operator platform	Q (t)	127
	1.8	Wheelbase	y (mm)	1134
Weight	2.1	Weight with batteries	kg	1290
	2.2	Axle load with front/rear load	kg	715 / 802
	2.3	Axle load without front/rear load	kg	565 / 725
Wheels Chassis	3.1	Wheels		Polyurethane (PU)
	3.2	Tire dimensions, drive wheels	∅ x w (mm)	∅ 230 x 70
	3.3	Tire dimensions, side wheels	∅ x w (mm)	∅ 150 x 7048
	3.5	Number of front/rear wheels (x = drive wheel)		2x / 4
	3.7	Front tread	b11 (mm)	664
Dimensions	4.4	Overall length	l1 (mm)	1460
	4.9	Overall width	b1 (mm)	800
	4.15	Ground clearance	m1 (mm)	50
	4.19	Height with mast lowered	h1 (mm)	1660
	4.20	Standard lift	h3 (mm)	4407
	4.21	Height with mast raised	h4 (mm)	6067
	4.22	Maximum platform height	h7+h3 (mm)	4600
	4.25	Maximum working height	mm	6600
	4.32	Platform height	h7 (mm)	193
	4.33	Additional lift	h9 (mm)	400
4.35	Turning radius	Wa (mm)	800	
Performance	5.1	Travel speed without/with load	km/h	8 / 8
	5.2	Lifting speed without/with load	mm/s	14 / 14
	5.3	Lowering speed without/with load	mm/s	16 / 16
	5.8	Permissible slope without/with load	%	10 / 10
	5.10	Service brake		Electromagnetic
Electrical system	6.1	Traction motor, power S2 60 min	kW	1.0 x 2 pcs
	6.2	Lifting motor, power S3 15%	kW	2.2
	6.3	Platform lift motor power	kW	0.5
	6.4	Battery voltage / nominal capacity	V / Ah	24 / 150
	6.5	Battery dimensions (L x W x H)	mm	480 x 146 x 500
	6.6	Battery weight	kg	52
	6.7	Built-in charger	A	25-30
	6.8	External charger	A	60
Miscellaneous	8.1	Transmission type		PMSM
	8.4	Sound level at driver's ear according to EN 12053	dB (A)	< 69