

# BALLYMORE LIAM



The LIAM is compact, efficient, and perfect for narrow aisles. With zero-turning radius and the ability to pick from both sides, it's ideal for multiple shifts. Its low profile allows easy access to elevators and doorways. Boost productivity with this quiet, low-maintenance, ultra-smooth lithium-iron order picker.

**360° Zero Turning**  
**Radius of 51.2 Inches**



**Optional Features:**

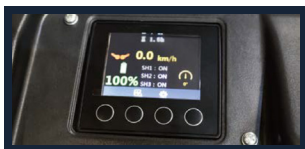
- Crush Sensor
- Foot Guard

## FEATURES

- Compact, maintenance-friendly design for work in narrow aisles
- Curtis Controller with CAN-bus control
- High performance AC drive motor and DC lifting motor
- Lithium battery option available: 24V/80Ah with Built-in 24V/25Ah charger
- EPS-Electric Power Steering system
- Smart handle with Keyless Pin-Code Panel and RFID Card
- Electric Lifting and Lowering Buttons
- High-performance handle with dual-hands sensing operation
- LCD display: speed, usage time, power, steering, fault code, alarm and more
- Emergency lowering switch
- Motorized Shelf

## SPECIFICATIONS

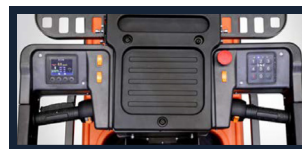
- Operator Capacity = 300 lbs.
- Load Tray Shelf Capacity = 220 lbs.
- Load Deck Capacity = 330 lbs.
- Weight = 1521 lbs.
- Platform Lift Height = 130"
- Platform Fully Lowered = 54.9"
- Platform Fully Raised = 161"
- Overall Extended Height = 163.3"
- Overall Collapsed Height = 57.2"
- Work Height = 196.8"
- Vehicle Length = 57.5"
- Vehicle Width = 29.5"
- Minimum Turning Radius = 51.2"
- Travel Speed, laden/unladen = 0-19.6" 3.8/3.8 mph 19.6-59" 2/2 mph 59-118" .8/.8 mph



LCD display shows safety warnings, speed, steering angle and fault codes for easy operation and troubleshooting.



Keyless PIN code lock or RFID card access simplifies access when several users operate one truck.



Left and right multi-function handles can be customized and provide simultaneous lifting, traveling and steering. Handles are equipped with operator presence buttons to ensure safe operation.



Side lights and headlight provide excellent visibility to operator even in poor lighting conditions. Vehicle is also equipped with a buzzer, warning light, rear light and safety blue light.

# SPECIFICATIONS

Identification			
Drive (electric – battery or mains, diesel, petrol, gas, manual)			Electric
Vehicle capacities	Operator compartment	lb	300
	Load tray shelf	lb	220
	Load deck	lb	330
Vehicle weight (with battery)	lb		1,521
Platform step height	in		12.5
Dimensions			
Platform lift height	in		130
Platform fully lowered	in		54.9
Platform fully raised	in		161
Overall extended height	in		163.3
Work height	in		196.8
Overall collapsed height	in		57.2
Vehicle length	in		57.5
Vehicle width	in		29.5
Wheels, number front / rear (x=driven wheels)	in		1 x+2/2
Rear drive wheels (d x w)	in		256 x 80
Front caster wheels (d x w)	in		220 x 70
Performance			
Minimum turning radius	in		51.2
Service brakes	h <sub>1</sub>		Regenerative
Parking brake	h <sub>2</sub>		Electric released
Grade clearance, laden / unladen	%		5/8
Travel speed, laden / unladen	mph	0-19.6in 3.8 / 3.8	19.6-59in 2 / 2 59-118in .8 / .8
Lift speed, laden / unladen	ft/s		.65 / .72
Lowering speed, laden / unladen	ft/s		.68 / .59
Batteries			
Lead acid batteries (5h) (optional)	V/Ah		24/106
			2x35
Energy consumption acc. to VDI cycle	kWh/h		0.41
Li Batteries (standard)	V/Ah		24/80
			17
Charger - built-in (for lead acid option)	Amp		12
Charger (Li) - built-in (standard)	Amp		25
Motor			
Drive motor, output S2 60 min.	W		650
Lift motor (operator compartment)	W		2,200
Lift motor (load tray)	W		800
Others			
Type of drive control			AC speed control
Sound pressure level at the driver's seat	dB(A)		69

