

# ZOOMLION

WOW, It's LI-ION






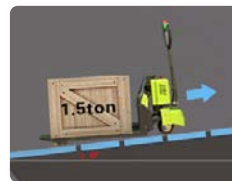
## ⚡ Top Reliability

- 1 Hydraulic, electrical and driving systems are independently located within the chassis. Main cables do not rotate while steering, reducing wear while increasing reliability.
- 2 All connectors are IP65 waterproof. This allows for outdoor Applications even when raining.
- 3 Column and floor structure made of 8 mm thick steel. This allows for strong torsional stability and increases lifespan of unit.



## ⚡ High Efficiency

- 1 30Ah 2hrs fast charging  4hrs working time
- 2 10s Replacing battery  
- 4 6% full load gradeability due to powerful gearbox and drive wheel.



- 5 Ergonomic tiller arm with LI Password access, eliminate the risk of key loss. Turtle speed mode allows for exact and secure manoeuvrability when working in narrow aisles.



## ⚡ Serviceability

- 1 3 years maintenance free Lithium-ion battery warranty.
- 2 Low maintenance and easy access CAN-BUS system.
- 3 Optimized drivetrain guarantees easy access and replacement of PU wheel. (No disassemble of drivetrain required.)



## Machine Parameters

Drive		Electric
Operation		Pedestrian
Nominal load capacity	lb	3306.9
Load center distance	In	23.62
Load distance	In	35.24
Wheel base	In	47.05
Empty weight (incl. Battery)	lb	308.6
Axle loading, laden (front/rear)	lb	841/889
Axle loading, unladen (front/rear)	lb	36/194
Tires		PU
Tire size (front)		Ø7.48x2.36
Tire size (rear)		Ø3.15x2.76
Additional wheels(option)		Ø2.36x1.38
Wheels, number (x = driven)		1x /4
Tread (rear)	In	15.35/20.67
Lift	In	4.53
Drawbar height in driving position (min/max)	In	25.59/46.73
Forks height, lowered	In	3.35
Overall length	In	65.35/68.11
Length to face of forks	In	24.02
Overall width	In	21.65/26.97
Fork dimensions ISO 2331	In	2.17/6.30/45.28(48.03)
Distance between forks arms	In	21.65/26.97
Ground clearance wheel base center	In	1.18
Aisle width for pallets 1000x1200 crossways	In	73.23
Aisle width for pallets 800x1200 lengthways	In	75.2
Turning radius	In	55.31
Travel speed (laden/unladen)	km/h	3.5/4
Lifting speed (laden/unladen)	m/s	0.17/0.20
Lowering speed (laden/unladen)	m/s	0.48/0.3
Max. gradeability (laden/unladen)	%	6/16
Service brake		Electromagnetic
Drive motor, S2 60min	kW	0.55
Lifting motor, S3 10%	kW	0.5
Battery Voltage	V	24
Battery capacity K5	Ah	20 / 30 ( LI-ION )
Energy consumption according to VDI cycle	kWh	0.18
Type of drive unit		DC
Sound pressure Level LpAZ	dB(A)	75

## Machine 2D Graph

