LO3U

ELECTRIC ORDER PICKER



PRODUCTIVITY WITH SAFETY

Designed to improve operational performance while reinforcing operational safety, the LO3U provides a maximum working height of 5m to suit a wide range of manual picking applications. With its compact size, this machine combines flexibility for narrow aisles while not compromising on component quality.

CONVENIENCE

- PIN-code and RFID access simplifies fleet management and prevents unauthorized use
- Spacious service access simplifies daily maintenance and troubleshooting tasks
- Zero-emission power makes the truck ideal for food, chemical, and pharmaceutical industries

CONSISTENCY

- Lithium battery technology delivers stable, continuous performance throughout the shift
- Opportunity charging allows for quick power top-ups during breaks to extend working time
- CAN-bus technology provide enhanced protection and easy data exchange



ERGONOMICS

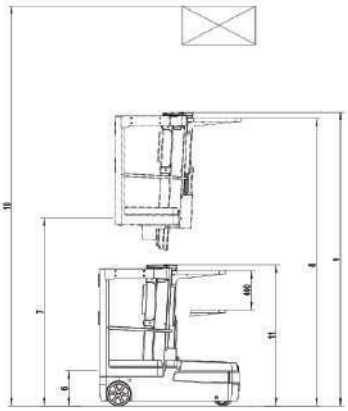
- Shorter chassis and tight turning radius eases manoeuvring in narrow aisles
- Adjustable front shelf enhances visibility and prevents goods from blocking the operator's view
- LCD display panel displays information such as operating data and safety warnings

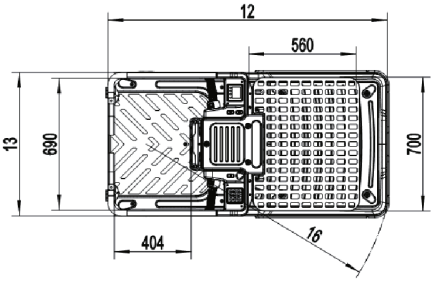
SAFETY

- Automatic door-lock system prevents the truck from operating when side gates are open
- Operator presence sensors on both handles ensure the user is in a secure position before travel
- Proportional lifting and lowering ensures smooth, stable handling of goods at height

SPECIFICATIONS

CHARACTERISTICS				
1.1	Manufacturer (abbreviation)			**TCM Forklift Trucks**
1.2	Manufacturer's type designation			**LO3U**
1.3	Power source:			Electric
1.4	Vehicle capacities	Operator compartment	kg	135
		Load tray shelf	kg	100
		Load deck	kg	150
1.5	Vehicle weight (with battery)		kg	690
1.6	Platform step height		mm	318
DIMENSIONS				
2.1	Platform lift height		mm	3318
2.2	Platform fully lowered		mm	1395
	Platform fully raised		mm	4091
2.3	Overall extended height		mm	4150
2.4	Work height		mm	5318
2.5	Overall collapsed height		mm	1454
2.6	Vehicle length		mm	1460
2.7	Vehicle width		mm	750
2.8	Wheels, number front/rear (x = driven wheels)		mm	1 x + 2 / 2
2.9	Rear drive wheels (d x w)		mm	256 x 80
	Front caster wheels (d x w)		mm	220 x 70
PERFORMANCE				
3.1	Minimum turning radius		mm	1300
3.2	Service brakes			Regenerative
3.3	Parking brakes			Electromagnetic
3.4	Gradeability, laden / unladen		%	5 / 8
3.5	Travel speed, laden / unladen		km/h	0 - 500mm 5.5 / 5.5 500 - 1500mm 3.2 / 3.2 1500 - 3318 mm 1.4 / 1.4
3.6	Lift speed, laden / unladen		m/s	0.2 / 0.22
3.7	Lowering speed, laden / unladen		m/s	0.21 / 0.18
BATTERIES				
4.1	Batteries (5h)		V / Ah	24 / 106
			kg	2 x 35
	Energy consumption according to VDI cycle		kWh / h	0.41
4.2	Lithium battery		V / Ah	24 / 100
			kg	20
4.3	Charger		Amp	12
	Charger (Lithium)		Amp	25
MOTOR				
5.1	Drive motor rating, S2 60 min		kW	0.65
5.2	Lift motor (Operator compartment)		kW	2.2
5.3	Lift motor (Load tray)		kW	0.8
OTHER DETAILS				
6.1	Type of drive control			AC - speed control
6.2	Sound level at driveer's ear		d(B)A	69







FIND OUT MORE:

Digital Brochure

LinkedIn

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Note:
These products and specifications are subject to change without notice.
Photos and illustrations may slightly differ from the actual trucks.
Photos and illustrations may or may not include optional equipment and accessories.
Features and specification may vary depending on markets.
Performance data and dimensions are normal and subject to tolerances.
Produced in ISO certified factory.

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