



LSM12N-7

LITHIUM STACKER

1.2 ton capacity

Li-Ion
TECHNOLOGY



Highlights

Safety Reverse
When the button gets in contact with the operator, the machine stops driving and pushes back



Ergonomically Designed Handle

- Dual butterfly switches
- Horn
- Electric lifting and lowering



Vertical Override Function

- Allows the operator to drive the machine with tiller arm in upright position
- Helps work in tight spaces without compromising safety

Turtle mode
Pin code access
RFID access OPTION



Multifunctional Display Panel

- Battery charge level
- Operating hours
- Truck diagnostics via error codes



Wide Visibility

- The wide visibility mast ensures perfect observation of the forks and the truck's environment. Visibility is free and not interrupted by mast sections, cylinders or chains, which significantly increases operator safety.
- Different mast heights available depending on your needs, with and without free lift.



Speed Reduction Kit for Cornering

- Increases operator comfort and safety
- Adjustable according to customers' preferences



Steel Cover

- The cover is made out of steel (2.0 mm thick)
- Ensures minimal damage, thus lowering lifetime costs



Easy Accessible Controller Room

- Easy and quick access to any part of the truck, there are no elements to be found in hard-to-reach areas
- No special tools are required



Why Lithium-Ion Battery?

1 TCO



- 3-5 hours operation
- Fully charged in 2.5 hours on average with 25A built-in charger
- Boost charging supported, chargeable anytime
- Ultra-high number of charging /discharging cycles during life time

2 Productive



- Higher power than lead batteries
- Excellent acceleration

3 Convenient



- Fast charging Li-ion Battery
- 24V 60Ah Lithium LiFePO4

4 High Quality



- All-time monitoring on battery conditions; diagnosis to prevent overheating, overcharge, overdischarge, etc.

5 Environment



- No gassing during charging
- Contains no hazardous substances such as heavy metal

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LI-ION BATTERY (LI-ION)		24 V 60 Ah
Max. capacity	kg	1,200
Overall length	mm	1,710
Distance over forks	mm	570/685
Fork dimensions s/e/l	mm	60/180/1,150
Turning radius	mm	1,350
Service weight	kg	585
Extended mast height	mm	up to 4,037
Lift height	mm	up to 3,514
Travel speed (loaded/unloaded)	km/h	4.5 / 4.7
Lift speed (loaded/unloaded)	m/s	0.12/0.19
Lowering speed (loaded/unloaded)	m/s	0.13/0.11
Max. gradability (loaded/unloaded)	%	5/10

**MAST SPECIFICATIONS**

	Closed height mm - h1	Free lift height mm - h2	Lift height mm - h3	Extended mast height mm - h4	Lift + fork height mm - h3 + h13	Residual capacity kg
Simplex	1,930	1,514	1,514	1,930	1,600	1,200
	2,330	1,914	1,914	2,330	2,000	1,200
STD	1,930		2,814	3,337	2,900	1,000
	2,080		3,114	3,637	3,200	800
	2,280		3,514	4,037	3,600	700



Doosan Industrial Vehicle Europe nv

Europark-Noord 36A
9100 Sint-Niklaas
Belgium

Tel.: +32 3 760 09 87

Fax: +32 3 760 09 89

Website: www.doosan-iv.eu

Authorized Dealer