



## Electric Pallet Stacker

LEDS 16

1,250kg Capacity

The all new Doosan LEDS 16 Series offers you

**The best solution...  
for your material handling!**

### Design Features

- Powerful AC drive motor for use in warehouses and on ramps
- Low energy consumption and easy maintenance
- Narrow aisle width
- Great manoeuvrability with small turning radius

### Operating Elements

- Multifunctional, ergonomical handle
- Turtle mode for precise operation in small areas
- Switch for proportional lifting (LEDS 16)

### Standard Equipment

- AC controlled drive contactorless electronics
- Single Vulkollan load wheels
- Large Vulkollan drive tyre

### Options

- Various fork dimensions (length and width)
- Cold store model (down to -30°C)
- Multifunctional display
- Tandem Vulkollan load wheels

Made in Germany



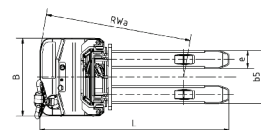
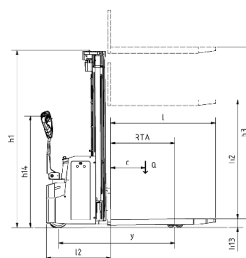
# Technical Specifications

Distinguishing mark	Manufacturer's type designation			LEDS16
	Drive			Electric
	Operator type			Pedestrian
	Load capacity	Q	t	1.6
	Load centre distance	C	mm	600
	Load distance	X	mm	735
Weight	Service weight, incl. Battery		kg	1260
	Axle loading, laden front/rear		kg	1830/1026
	Axle loading, unladen front/rear		kg	880/380
Tyres, Chassis	Tyres			Vulkollan
	Drive Wheel		mm	ø230 x 80
	Load Wheel		mm	ø85 / 78
	Support Wheel		mm	ø125 x 50
	Tread, front		mm	535
	Tread, rear		mm	360
Dimensions	Lift	h3	mm	s.table
	Height of Tiller in drive position	h14	mm	1260
	Height, lowered	h13	mm	90
	Overall length	l1	mm	1930
	Length to face of forks	l2	mm	735
	Overall width	b1	mm	790
	Fork dimensions	e / l	mm	185/1195
	Distance between fork-arms	b5	mm	540
	Groundclearance, centre of wheelbase	m2	mm	35
	Aisle width for pallets, 800x1200 mm, along	Ast	mm	2300
	Turning radius	Wa	mm	1490
Performance Dates	Travel speed, laden / unladen		km/h	5.5
	turn silent runing speed- Option		km/h	
	Gradeability, laden / unladen		%	7/12
Electric-Engine	AC - Drive motor		kW	1
	DC - Lift motor		kW	3
	Battery acc. to DIN 43535 A / B / C / no			DIN B
	Battery voltage / nominal capacity	K5	V / Ah	24 / 375
	Battery weight		kg	350
	Impuls control for drive and lift			AC-impuls

technical modifications are subject to alteration without notice

## Mast Specifications LEDS 16

Height of Stroke (h13+h3)	Overall Height (h1) Simplex	Overall Height (h1) Duplex	Overall Height (h1) Triplex	Free Lift (h2)			Rest Payload (kg)
				Simplex	Duplex	Triplex	
				SF	DF	TF	
1790	1295			0			1600
2090	1445			0			1600
2890	1945	1945		0	1400		1600
3590	2295	2295		0	1750		1200
4190			1880			1300	800
4790			2078			1565	650



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