

LOGIS 16

Small-sized electric pallet truck



IDEAL FOR HANDLING OF LOADS INSIDE VEHICLES OR IN WAREHOUSES

LOGIS 16 pallet truck by Samag features very small overall dimensions (L2=450mm) and an innovative design. The careful choice of quality components gives the product an excellent robustness.

LOGIS 16 pallet truck by Samag uses AC technology, i.e.:

- electronics with **IP54 protection**
- **brushless traction motor** (minimal maintenance)
- greater **torque** at low traction speed and essentially **unchanged performance** both with and without load
- once set on the special variator, the **speed remains constant** in every situation, even on ramp both upwards and downwards, optimising the truck control

All winning elements that characterise the LOGIS series of forklift trucks, a valid and effective solution for pallet handling.

✓ **LOAD CAPACITY UP TO 1.600 KG**

✓ **VERY SMALL OVERALL DIMENSIONS**

✓ **SPECIAL DIMENSIONS UPON REQUEST**

SOME OPTIONALS



OPERATOR TRANSPORT PLATFORM



METALLIC/GALVANISED VERSION



LITHIUM BATTERY



SCALE/PRINTER



USE IN COLD STORE

Type	Power pallet trucks	Class	Power pallet trucks for non-intensive use
Load capacity (Kg)	1600	Lifting capacity (mm)	130

Characteristics

	1.1	Manufacturer			SAMAG
Caratteristiche	1.2	Manufacturer's type designation			LOGIS 16
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			pedestrian
	1.5	Load capacity/rated load	Q	t	1,6
	1.6	Load centre distance	C	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	935 (1)
Weight	1.9	Wheelbase	Y	mm	1240 (1)
	2.1	Service weight (battery included)		Kg	465
	2.2	Axle loading, laden (front / rear)		Kg	814 / 1251
Wheels and frame	2.3	Axle loading, unladen (front / rear)		Kg	382 / 83
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			Polyurethane
	3.2	Tyre size, front		mm	230 x 75 / 100 x 40
	3.3	Tyre size, rear		mm	85 x 90
	3.5	Wheels, number front rear (x = driven wheels)			1x / 2-4
	3.6	Tread, front	b10	mm	505
Dimensioni	3.7	Tread, rear	b11	mm	372
	4.2	Height, mast lowered	h1	mm	---
	4.3	Free lift	h2	mm	---
	4.4	Lift	h3	mm	120
	4.5	Height, mast extended	h4	mm	---
	4.6	Initial lift	h5	mm	---
	4.8	Seat height / stand height	h7	mm	---
	4.9	Height of tiller in drive position (min. / max.)	h14	mm	1145
	4.15	Height of forks from ground	h13	mm	85
	4.19	Overall length	l1	mm	1600
	4.20	Length of face of forks	l2	mm	450
	4.21	Overall width	b1	mm	700
	4.22	Fork dimensions	sl1ell	mm	60 x 170 x 1150
	4.24	Fork - carriage width	b3	mm	---
	4.25	External fork widths	b5	mm	545 / 650
Performance	4.32	Ground clearance, centre of wheelbase	m2	mm	40
	4.34	Aisle width for pallets 800 x 1200 crossways	Ast	mm	1912
	4.35	Turning radius	Wa	mm	1447
	5.1	Travel speed (laden / unladen)		Km/h	6 / 6
	5.2	Lift speed (laden / unladen)		m/s	0,02 / 0,07
	5.3	Lowering speed (laden / unladen)		m/s	0,11 / 0,05
Electric motor	5.7	Gradeability (laden / unladen)		%	---
	5.8	Max. gradeability (laden / unladen)		%	9 / 20
	5.10	Service brake			Electric
Other data	6.1	Traction motor, power KB 60'		KW	1 AC
	6.2	Lifting motor, performance 15% ED		KW	2,2
	6.3	Battery DIN 43531/35/36 A, B, C,			Si
	6.4	Tension / nominal capacity		V / Ah	24 / 120 - 160
	6.5	Battery weight (± 5%)		Kg	136 / 151
Other data	8.1	Control type			Electric AC
	8.4	Sound level at the driver's ear according to DIN 10 053		dB/(A)	<70

Ast includes "a" (manoeuvring space) = 200 mm and means empty pallet space

(1) With stabilisers raises, decreases by 75 mm