



KPL201H

HEAVY-DUTY RIDE-ON PALLET TRUCK H 2.0T

2000 kg 120 mm 24 V Li-Ion



The KPL201H is designed for logistics hubs, large warehouses, and distribution centers where speed and endurance are critical. Operators benefit from a suspended platform, padded backrest, and ergonomic tiller for comfortable long-shift use. Its high-speed capability makes it ideal for facilities with high-volume pallet transfers, while creep speed mode and proportional steering ensure safe and precise handling in confined spaces.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity		Ah	205
Battery voltage		V	24
Load capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	705
Lift height	h_3	mm	120
Overall length		mm	2195
Overall width	b_1/b_2	mm	734
Length to face of forks	l ₂	mm	1045
Fork dimensions	s/e/l	mm	55x170x1150
Turning radius		Wa	2034
Manufacturer			EP
Model designation			KPL201H
Drive			Electric
Operator type			Standing

Features

High-speed configuration

The KPL201H is optimized for faster pallet transfers across large facilities, significantly improving productivity without compromising on safety and control.



Efficient Li-ion power

Equipped with a 24V/205Ah Li-ion battery and 100A external charger, the truck supports rapid charging and requires zero maintenance, ensuring continuous multi-shift performance.

Enhanced stability and safety

Automatic speed reduction during cornering, a lowered center of gravity, and reinforced chassis stability guarantee safe operation even under demanding conditions.



Operator comfort and ergonomics

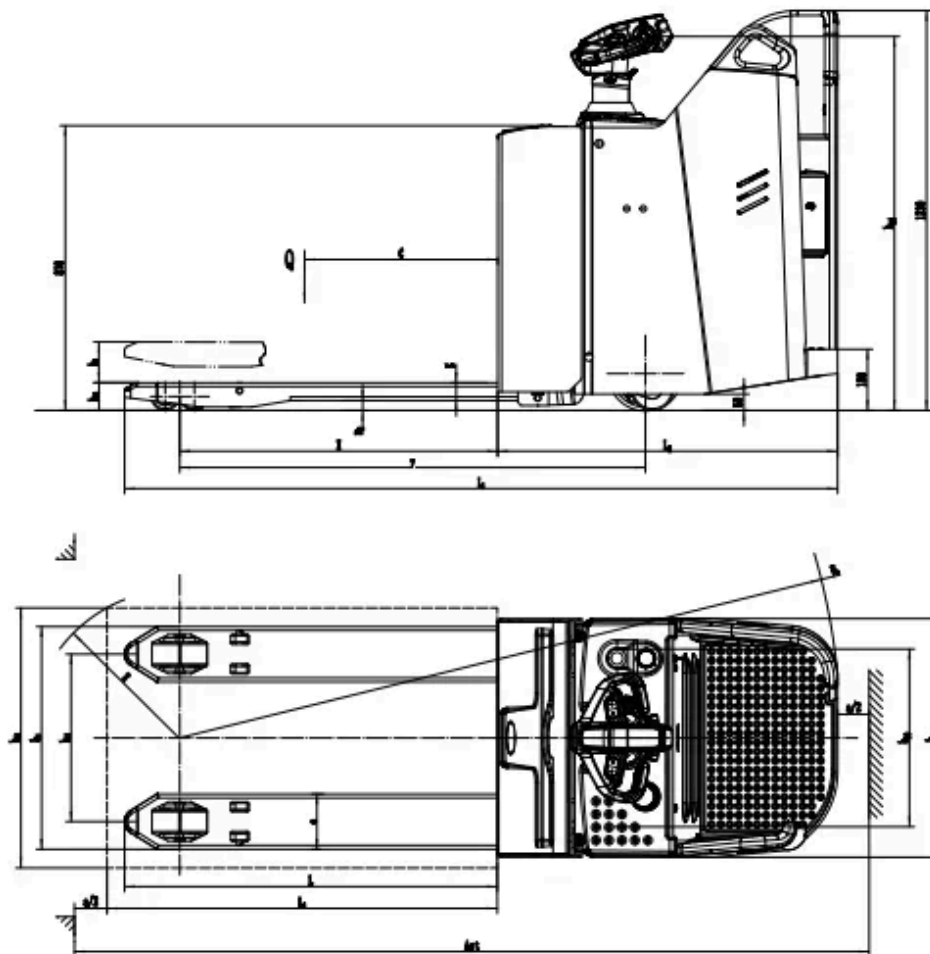
A suspended platform, padded backrest, and ergonomic steering provide superior comfort during long-distance travel, while creep speed mode ensures precise maneuvering in narrow aisles.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP

SPECIFICATION		REF	UNIT	VALUE
1.2	Model designation			KPL201H
1.3	Drive			Electric
1.4	Operator type			Standing
1.5	Load capacity	Q	kg	2000
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork		mm	976
1.9	Wheelbase		mm	1433
2.1	Service weight		kg	705
2.2	Axle loading, laden front/rear		kg	945/1760
2.3	Axle loading, unladen front/rear		kg	575/130
3.1	Tyre type			Polyurethane
3.2	Tyre size, front		mm	Φ85x70
3.3	Tyre size, rear		mm	Φ230x75
3.4	Additional wheels (castor wheels)		mm	Φ130x55
3.5	Wheels, number front/rear (x=drive wheels)			1x+2/4
3.6.1	Tread width, front	b ₁₀	mm	514
3.7.1	Tread width, rear	b ₁₁	mm	370/515
4.0	Max lift height	H	mm	120
4.15	Lowered height			85
4.19	Overall length		mm	2195
4.20	Length to face of forks	l ₂	mm	1045
4.21	Overall width	b ₁ /b ₂	mm	734
4.22	Fork dimensions	s/e/l	mm	55x170x1150
4.24	Fork carriage width		mm	170
4.25	Distance between fork-arms			540/685
4.26	Distance between wheel arms/loading surfaces			600
4.31	Ground clearance, laden, below mast		mm	35
4.32	Ground clearance, centre of wheelbase		mm	35
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	2834
4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	2685
4.35	Turning radius		Wa	2034
4.4	Lift height	h ₃	mm	120
4.9	Height of tiller handle in drive position min./max.			1154/1254
5.1	Travel speed, laden/unladen		km/h	9/12
5.10	Service brake			Electromagnetic

	SPECIFICATION	REF	UNIT	VALUE
5.2	Lifting speed, laden/unladen		m/s	0.0550/0.054
5.3	Lowering speed, laden/unladen		m/s	0.067/0.054
5.8	Max. gradeability, laden/unladen		%	8/16
6.1	Drive motor rating S2 60 min		kW	3
6.2	Lift motor rating at S3 15%		kW	2.2
6.4	Battery nominal capacity		Ah	205
6.4	Battery voltage		V	24
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	62
6.6	Energy consumption according to DIN EN 16796		kWh/h	0.219 ¹⁾
6.7	Turnover output according to VDI 2198			132
6.8	Turnover efficiency according to VDI 2198			141.18
8.1	Type of drive control			AC
10.5	Steering design			Electronic
10.7	Sound pressure level at the drivers ear		dB(A)	74



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork lowered height	85
Fork carriage width option	750
Fork carriage height option	1220 mm (48in) 1520 mm (60in)
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU Trace PU Rubber PU (High Performance)
Battery capacity	205Ah (Li-ion truck) 210Ah (Lead-acid truck)
Charger	24V-100A external charger (for 205Ah battery) 24V-30A external charger (for 210/280Ah battery)
Battery display indicator (BDI)	With hourmeter

ITEM	OPTIONS (optional items marked in yellow)
Castor wheels	Castor wheels
Water auto-filling system	Water auto-filling system
Battery side pull function	Battery side pull function only for lead-acid truck
Fork length	1150/1220 850/1000/1300/1450/1600/1800 /2000/2200/2400
Fork width	540/685