anton
BY JUNGHEINRICH



Electric pedestrian pallet truck

PTL 1.5

Lift height: 105 mm / Load capacity: 1500 kg

li-ion

PTL 1.5

A pallet truck for every situation.

Ideal for use in warehouses, outdoors or on HGVs.

The AntOn by Jungheinrich PTL 1.5 is an entry-level model that has everything you need for your daily work – the electric pallet truck is compact and easy to operate.
In the warehouse, at the shop or on the HGV: the PTL 1.5 adapts flexibly to a wide range of tasks – doing exactly what you expect of it.

Equipped with modern lithium-ion technology, well-thought-out functions and selectable fork lengths, it will swiftly become a reliable all-rounder. If you require longer operating times, the PTL 1.5 can be equipped with a second removable battery for additional power.

Designed for robust and reliable daily operation, it impresses with both its performance and its short delivery times. And all this at a price that makes it a smart choice for every situation – whether for newcomers or as an addition to your existing fleet.

All benefits at a glance

- Entry-level model with strong base functionality.
- Lithium-ion technology for rapid charging and consistent performance.
- High spare parts availability provides reduced downtime.
- Always robust, reliable and flexible.
- Quickly available to meet urgent demand.

Versatile

One truck for every task – maximum flexibility.

- The perfect addition for various transport jobs with different fork widths.
- Equipment options for special requirements: stabilising wheels for more safety over uneven ground. Second battery socket for greater availability.
- Compact design – ideal for use on HGVs and precise manoeuvring in confined spaces.

Straightforward

Built for function and simplicity.

- Easy to use and handle – suitable for all staff.
- External charger for rapid booster charging.
- Effortless battery exchange thanks to practical plug-in system.
- Simple self-service with video guides.

Cost-effective

Strong performance at a smart price.

- Cost-effective to buy and operate.
- Enduring power with up to 2 x 24 V to 20 Ah removeable lithium-ion batteries.
- Reduces physical strain on the operator and improves workplace efficiency.
- Robust and durable technology ensures reliable operation.
- One truck. Many applications.

VDI table (PTL 1.5, b5 = 685 mm)

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich								
	1.2	Manufacturer's type designation			PTL 1.5								
	1.3	Drive			electric								
	1.4	Operation			Pedestrian								
	1.5	Load capacity/load	Q	kg	1500								
	1.6	Load centre distance	c	mm	600								
	1.8	Load distance, centre of drive axle to fork	x	mm	950				800				
	1.9	Wheelbase	y	mm	1180				1030				
Weights	2.1.1	Service weight (incl. battery)		kg	115	120	115	120	113	118	113	118
	2.2	Axle load laden front/rear		kg	478 / 1137	480 / 1140	478 / 1137	480 / 1140	477 / 1136	479 / 1139	477 / 1136	479 / 1139
	2.3	Axle load unladen front/rear		kg	86 / 29	89 / 31	86 / 29	89 / 31	85 / 28	88 / 30	85 / 28	88 / 30
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)								
	3.2	Tyre size, front			Ø210 x 70								
	3.3	Tyre size, rear			Ø74 x 88		Ø80 x 61		Ø74 x 88		Ø80 x 61		
	3.4	Additional wheels			Ø74 x 30								
	3.5	Wheels, number front/back (x=driven)			1x + 2 / 2		1x + 2 / 4		1x + 2 / 2		1x + 2 / 4		
	3.7	Tread width, rear	b11	mm	535								
Basic dimensions	4.4	Lift (h3)	h3	mm	105								
	4.9	Height of tiller handle in drive position min./max.	h14	mm	645 / 1145								
	4.15	Height, lowered	h13	mm	82								
	4.19	total length	l1	mm	1550				1400				
	4.20	Length including fork shank	l2	mm	400								
	4.21.1	total width	b1	mm	695								
	4.22	Fork dimensions	s/ e/l	mm	55 x 150 x 1150				55 x 150 x 1000				
	4.25	Width across forks	b5	mm	685								
	4.32	Ground clearance centre of wheelbase	m2	mm	27								
	4.34.1	Aisle width (pallet 1000×1200 sideways)	Ast	mm	2160				2010				
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2025				1875				
	4.35	Turning radius	Wa	mm	1360				1210				
Performance data	5.1	Travel speed laden/unladen		km/h	4 / 4.5								
	5.2	Lift speed laden/unladen		m/s	0.02 / 0.02								
	5.3	Lowering speed laden/unladen		m/s	0.06 / 0.04								
	5.8	Max. gradeability laden/unladen		%	6 / 16								
	5.10	Service brake			electromagnetic								

E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	0.75									
	6.2	Lift motor, performance with S3	kW	0.5									
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 20	24 / 40	24 / 20	24 / 40	24 / 20	24 / 40	24 / 20	24 / 40		
	6.5	Battery weight	kg	5	10	5	10	5	10	5	10		
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.18									
	6.6.2	CO2 equivalent according to EN ISO 23308	kg/h	0.1									
	6.7	Throughput	t/h	60									
	6.8	Turnover efficiency according to VDI 2198	t/kWh	333.33									
Other	8.1	Type of drive control		Impulse/DC									
	10.7	Sound pressure level according to EN12053	dB (A)	74									

- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.

VDI table (PTL 1.5, b5 = 560 mm)

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich			
	1.2	Manufacturer's type designation			PTL 1.5			
	1.3	Drive			electric			
	1.4	Operation			Pedestrian			
	1.5	Load capacity/load	Q	kg	1500			
	1.6	Load centre distance	c	mm	600			
	1.8	Load distance, centre of drive axle to fork	x	mm	950			
	1.9	Wheelbase	y	mm	1180			
Weights	2.1.1	Service weight (incl. battery)		kg	112	117	112	117
	2.2	Axle load laden front/rear		kg	477 / 1135	479 / 1138	477 / 1135	479 / 1138
	2.3	Axle load unladen front/rear		kg	84 / 28	87 / 30	84 / 28	87 / 30
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)			
	3.2	Tyre size, front			Ø210 x 70			
	3.3	Tyre size, rear			Ø74 x 88		Ø80 x 61	
	3.4	Additional wheels			Ø74 x 30			
	3.5	Wheels, number front/back (x=driven)			1x + 2 / 2		1x + 2 / 4	
	3.7	Tread width, rear	b11	mm	410			
Basic dimensions	4.4	Lift (h3)	h3	mm	105			
	4.9	Height of tiller handle in drive position min./max.	h14	mm	645 / 1145			
	4.15	Height, lowered	h13	mm	82			
	4.19	total length	l1	mm	1550			
	4.20	Length including fork shank	l2	mm	400			
	4.21.1	total width	b1	mm	590			
	4.22	Fork dimensions	s/e/l	mm	55 x 150 x 1150			
	4.25	Width across forks	b5	mm	560			
	4.32	Ground clearance centre of wheelbase	m2	mm	27			
	4.34.1	Aisle width (pallet 1000×1200 sideways)	Ast	mm	2160			
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2025			
	4.35	Turning radius	Wa	mm	1360			
Performance data	5.1	Travel speed laden/unladen		km/h	4 / 4.5			
	5.2	Lift speed laden/unladen		m/s	0.02 / 0.02			
	5.3	Lowering speed laden/unladen		m/s	0.06 / 0.04			
	5.8	Max. gradeability laden/unladen		%	6 / 16			
	5.10	Service brake			electromagnetic			
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	0.75			
	6.2	Lift motor, performance with S3		kW	0.5			
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 20	24 / 40	24 / 20	24 / 40
	6.5	Battery weight		kg	5	10	5	10
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.18			
	6.6.2	CO2 equivalent according to EN ISO 23308		kg/h	0.1			
	6.7	Throughput		t/h	60			
	6.8	Turnover efficiency according to VDI 2198		t/kWh	333.33			

Other	8.1	Type of drive control		Impulse/DC
	10.7	Sound pressure level according to EN12053	dB (A)	74

- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.

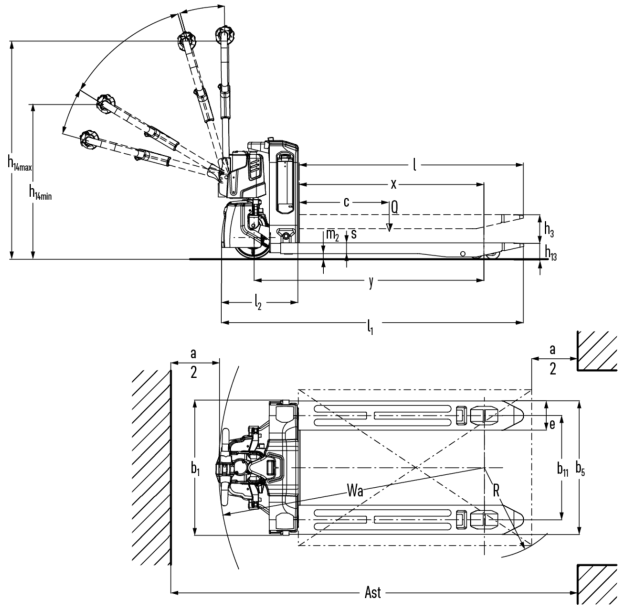
VDI table (PTL 1.5, b5 = 540 mm)

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich			
	1.2	Manufacturer's type designation			PTL 1.5			
	1.3	Drive			electric			
	1.4	Operation			Pedestrian			
	1.5	Load capacity/load	Q	kg	1500			
	1.6	Load centre distance	c	mm	600			
	1.8	Load distance, centre of drive axle to fork	x	mm	950			
	1.9	Wheelbase	y	mm	1180			
Weights	2.1.1	Service weight (incl. battery)		kg	112	117	112	117
	2.2	Axle load laden front/rear		kg	477 / 1135	479 / 1138	477 / 1135	479 / 1138
	2.3	Axle load unladen front/rear		kg	84 / 28	87 / 30	84 / 28	87 / 30
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)			
	3.2	Tyre size, front			Ø210 x 70			
	3.3	Tyre size, rear			Ø74 x 88		Ø80 x 61	
	3.4	Additional wheels			Ø74 x 30			
	3.5	Wheels, number front/back (x=driven)			1x + 2 / 2		1x + 2 / 4	
	3.7	Tread width, rear	b11	mm	390			
Basic dimensions	4.4	Lift (h3)	h3	mm	105			
	4.9	Height of tiller handle in drive position min./max.	h14	mm	645 / 1145			
	4.15	Height, lowered	h13	mm	82			
	4.19	total length	l1	mm	1550			
	4.20	Length including fork shank	l2	mm	400			
	4.21.1	total width	b1	mm	590			
	4.22	Fork dimensions	s/e/l	mm	55 x 150 x 1150			
	4.25	Width across forks	b5	mm	540			
	4.32	Ground clearance centre of wheelbase	m2	mm	27			
	4.34.1	Aisle width (pallet 1000×1200 sideways)	Ast	mm	2160			
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2025			
	4.35	Turning radius	Wa	mm	1360			
Performance data	5.1	Travel speed laden/unladen		km/h	4 / 4.5			
	5.2	Lift speed laden/unladen		m/s	0.02 / 0.02			
	5.3	Lowering speed laden/unladen		m/s	0.06 / 0.04			
	5.8	Max. gradeability laden/unladen		%	6 / 16			
	5.10	Service brake			electromagnetic			
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	0.75			
	6.2	Lift motor, performance with S3		kW	0.5			
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 20	24 / 40	24 / 20	24 / 40
	6.5	Battery weight		kg	5	10	5	10
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.18			
	6.6.2	CO2 equivalent according to EN ISO 23308		kg/h	0.1			
	6.7	Throughput		t/h	60			
	6.8	Turnover efficiency according to VDI 2198		t/kWh	333.33			

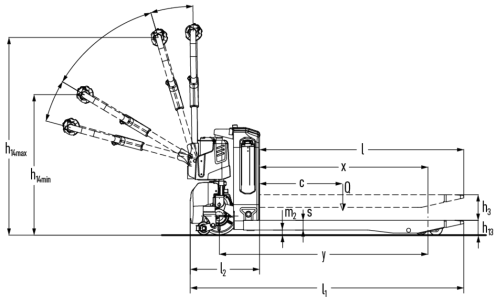
Other	8.1	Type of drive control		Impulse/DC
	10.7	Sound pressure level according to EN12053	dB (A)	74

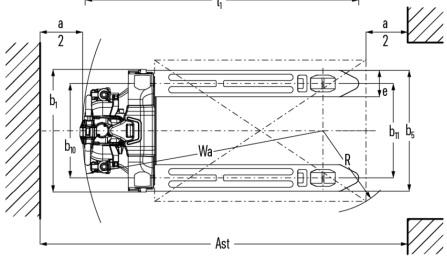
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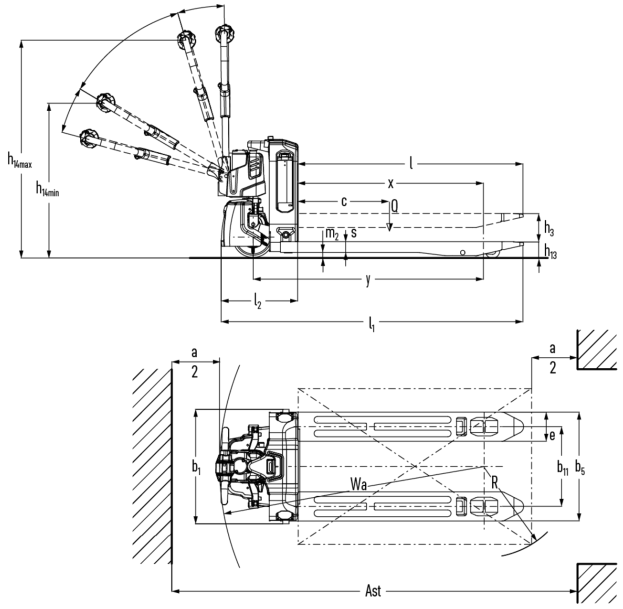
Appendix


h14max
h14min
l
x
c
Q
m2 + s
h3
h13
y
l2
l1

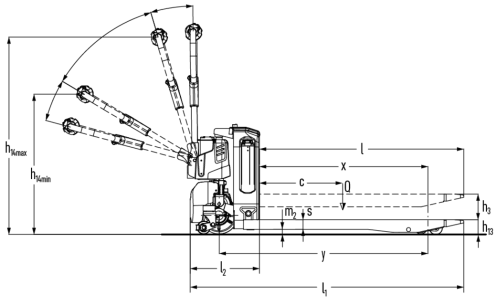
a
2
a
2
e
b1
b11
b5
Wa
R
Ast

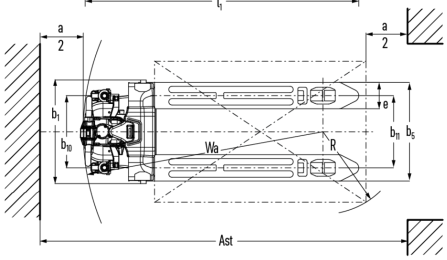

h14max
h14min
l
x
c
Q
m2 + s
h3
h13
y
l2
l1


a
2
a
2
e
b1
b10
b11
b5
Wa
R
Ast


h14max
h14min
l
x
c
Q
m2 + s
h3
h13
y
l2
l1

a
2
a
2
e
b1
b11
b5
Wa
R
Ast


h14max
h14min
l
x
c
Q
m2 + s
h3
h13
y
l2
l1


a
2
a
2
e
b1
b10
b11
b5
Wa
R
Ast

The German production facilities in Norderstedt, Moosburg and Landsberg are certified as well as our Genuine Parts Center in Kaltenkirchen.

ISO 9001
ISO 14001

anton
BY JUNGHEINRICH