



HU 12-115 TP **Li-ION** Hand pallet truck with electric drive

Capacity 1200 kg

For the transport of palletised goods in the in-house area, on flat floors and short to medium distances.

Reduced noise emission, compact size and small turning radius make it the ideal helper for supermarkets, retailers and workshops.

Supplied as standard with a replaceable battery, the discharged battery can be exchanged with a fully charged battery within seconds, minimising the amount of disruption to the work cycle (second battery as option).

Features

- 2 traction wheels for better traction and longer lifetime
- Maintenance-free rechargeable Lithium battery for quick charging
- Charging time of only 2.5 hours – 80% within 1 hour
- Infinitely variable driving speed
- Switchable between electric and manual drive
- highest speed of its class
- key switch for locking the truck
- non marking traction wheels
- turning radius of 1382 mm only - identical to the normal truck
- 5% gradient with load
- External charger for quick charging with a 230V plug socket

Scope of delivery

- 1 Li-ION Akku 36Volt, 10.4 A
- External charger

Li-ION battery

This battery offers much longer operational periods and overall lifetime with shorter charges.

- The Li-ION battery has a lifespan of up to 3000 charging cycles.
- Charging time of only 2.5 hours.
- Intermediate charge is possible without affecting the lifetime of the battery.
- No loss of power when the battery charge state drops.



User panel



Key switch

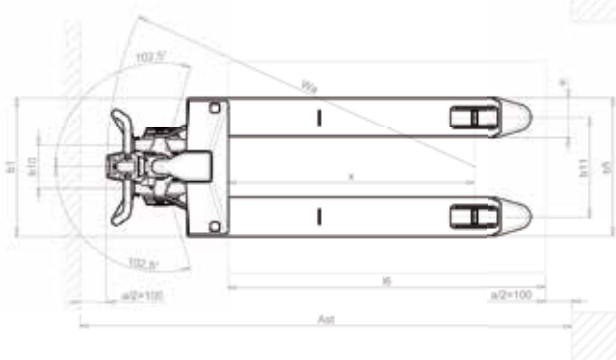
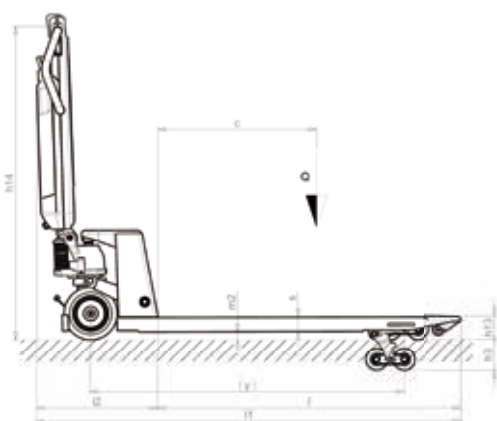
Technical data HU 12-115 TP Li-ION

Model	HU 12-115 TP <i>Li-ION</i>
Art.-No.	N23312431
Capacity, kg	1200
Tyre type ¹	VG/PUR
Steering rollers l x d, mm	200 x 40
Load rollers l x d, mm	82 x 60
Number of wheels/load rollers (x=driven)	2x/4
Wheelbase Y, mm	1192
Stroke h3, mm	115
Load center c, mm	600
Fork height max., mm	200
Fork height lowered, mm	85
Height of control handle max. h14, mm	1185
Overall length l1, mm	1600
Length incl. apron l2, mm	450
Overall width b1, mm	525
Fork dimensions s/e/l, mm	55 x 150 x 1150
Outside dimension of forks b5, mm	525
Aisle width pallet Ast, mm	2063
Turning circle radius Wa, mm	1382
Actuation	electric
Operation	pedestrian
Travel speed with/without load, km/h	4.2/5.3
Lowering speed with/without load, m/s	0.01/0.02
Gradient with/without load, %	5/10
Drive motor rating, kW	2 x 0.25
Service brake	electric
Battery	Li-ION
Battery voltage 20 h, in V/Ah	36/10.4
Weight with battery, kg	88

¹VG... Solid rubber, PUR... Polyurethane



Fast battery change – with a single touch





Optional: replaceable battery with 20Ah, 30Ah or 36Ah



Fast battery change – with a single touch

EGU 15 E **Li-ION** Electric pallet trucks

Capacity 1500 kg

Ideal for internal transport of palletised goods on even ground, covering short to medium distances.

The EGU 15 E is the new generation of electric pallet trucks. With its compact dimensions and new Lithium battery, it is an ideal alternative to the standard pallet truck and, with only 123 kg service weight the perfect driving device on a truck.

Supplied as standard with a replaceable battery the discharged battery can be exchanged with a fully charged battery within seconds, minimising the amount of disruption to the work cycle. Charging time for the battery is only 2.5 hours.

Features

- Maintenance-free rechargeable Lithium battery.
- Integrated battery management system controls all important parameters and performance of the lithium battery.
- Charging time of only 2.5 hours, intermediate charge is possible.
- Integrated PIN code panel with LCD display.
- Curtis-Controller and CAN-Bus technology.
- Infinitely variable driving speed.
- External battery charger for charging with a 230V plug socket.
- Battery charge indicator and operating hour counter.
- Entry rollers ensure smooth entry into bottom-boarded pallets.

Scope of delivery

- Maintenance free rechargeable Lithium battery 24 Volt/20 Ah (30 or 36 Ah as option)
- External charger

Li-ION battery

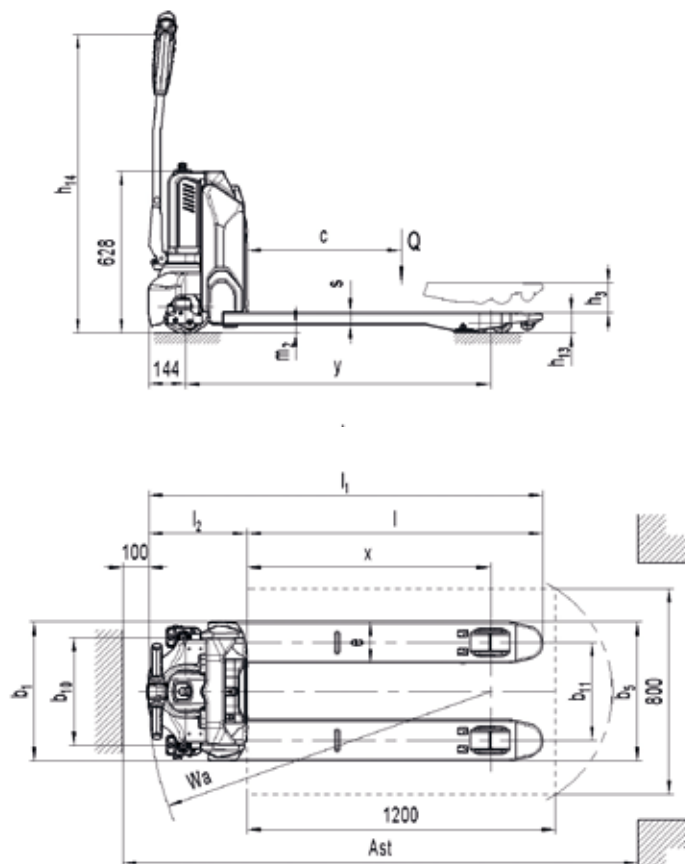
This battery offers much longer operational periods and overall lifetime with shorter charges.

- The Li-ION battery has a lifespan of up to 3000 charging cycles.
- Charging time of only 2.5 hours.
- Intermediate charge is possible without affecting the lifetime of the battery.
- No loss of power when the battery charge state drops.

Technical data EGU 15 E Li-ION

Model	EGU 15 E <i>Li-ION</i>
Art.-No.	N23315461
Capacity, kg	1500
Tyre type ¹	PUR/PUR
Steering rollers l x d, mm	210 x 70
Load rollers l x d, mm	80 x 93
Number of wheels/load rollers (x=driven)	2 + 1x/4
Stroke h3, mm	115
Load center c, mm	600
Fork height max., mm	195
Fork height lowered h13, mm	85
Height of control handle h14, mm	1160
Overall length l1, mm	1530
Overall width b1, mm	540
Fork dimensions s/e/l, mm	47 x 160 x 1150
Outside dimension of forks b5, mm	540
Aisle width pallet Ast, mm	2000
Turning circle radius Wa, mm	1330
Actuation	electric
Operation	pedestrian
Travel speed with/without load, km/h	4.6/4.8
Lifting speed with/without load, m/s	0.020/0.025
Lowering speed with/without load, m/s	0.05/0.04
Gradient with/without load, %	5/10
Drive motor rating, kW	0.65
Hoist motor rating, kW	0.5
Service brake	electric
Battery	Li-ION
Battery voltage, V/Ah	24/20
Weight with battery in kg	123

¹PUR... Polyurethane





EGU PS 14 Electric pallet trucks

Capacity 1400 kg

Electrical drive, electrical lifting.

Ideal for the transportation of palletised goods within a warehouse environment.

Due to the extremely small turning circle it is also ideal for working on ramps or taking along on a lorry. The powerful motor allows fast operation.

The truck is available in three versions:

EGU PS 14 Basic

EGU PS 14 Plus and

EGU PS 14 **Li-ION**

Features

- Reduced dimensions: L2 only 410 mm.
- Creep speed button for pin-point work in confined spaces.
- Reliable impulse control for stepless regulation of driving speed.
- Integrated battery charger for charging on a 230V plug socket.
- Digital display for battery status

EGU PS 14 Basic

The unit is supplied with a DC traction motor and a tubular steel drawbar with integrated controls. The Basic version is the entry level model.

EGU PS 14 Plus

The Plus Version with the powerful Gel battery gives a plus in capacity and a longer battery life. The Plus also includes a maintenance-friendly AC traction motor with reduced power consumption and higher driving speed. The ergonomically designed multifunctional drawbar contains all operating and control functions, such as hour meter and charging indicator.

EGU PS 14 **Li-ION**

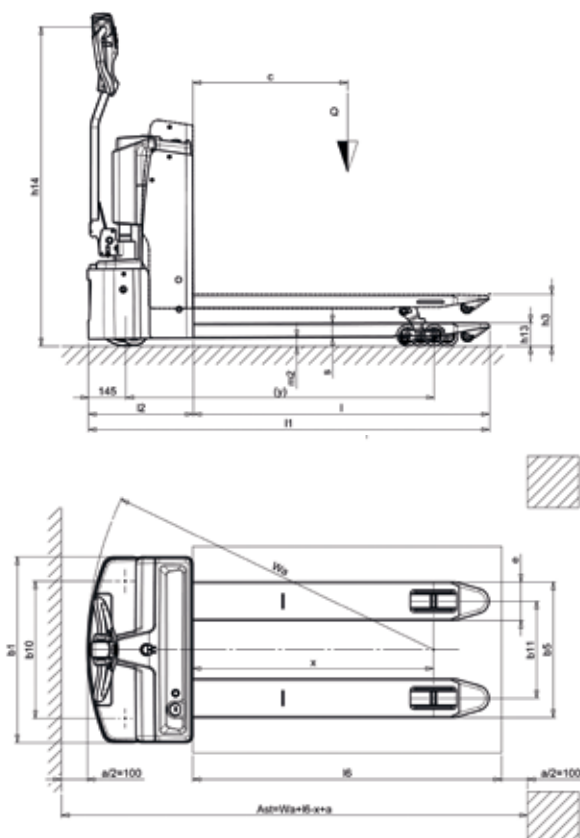
These versions offers much longer operational periods and overall lifetime of the battery with shorter charges.

- The Li-ION battery has a lifespan of up to 3000 charging cycles.
- Charging time of only 2.5 hours.
- Intermediate charge is possible without affecting the lifetime of the battery.
- No loss of power when the battery charge state drops.

Technical data EGU PS 14

Model	EGU PS 14 Basic	EGU PS 14 Plus	EGU PS 14 <i>Li-ION</i>
Art.-No.	192062096	192062097	192062098
Capacity, kg	1400	1400	1400
Tyre type ¹	VG/PUR	VG/PUR	VG/PUR
Steering rollers l x d, mm	250 x 76 + 100 x 40	250 x 76 + 100 x 40	250 x 76 + 100 x 40
Load rollers l x d, mm	82 x 80	82 x 80	82 x 80
Number of wheels/load rollers (x=driven)	2 + 1x/2	2 + 1x/2	2 + 1x/2
Wheelbase Y, mm	1196	1196	1196
Stroke h2, mm	115	115	115
Load center c, mm	600	600	600
Fork height max. h3, mm	200	200	200
Fork height lowered, mm	85	85	85
Height of control handle max., mm	1230	1230	1230
Overall length L, mm	1560	1560	1560
Length incl. apron L2, mm	410	410	410
Overall width B, mm	720	720	720
Fork dimensions s1/n/l, mm	50 x 150 x 1150	50 x 150 x 1150	50 x 150 x 1150
Outside dimension of forks m, mm	525	525	525
Aisle width pallet Ast, mm	1810	1810	1810
Turning circle radius Wa, mm	1345	1345	1345
Actuation	electric	electric	electric
Operation	pedestrian	pedestrian	pedestrian
Travel speed with/without load, km/h	4.4/4.8	6.0/6.0	6.0/6.0
Lifting speed with/without load, m/s	0.03/0.04	0.03/0.04	0.03/0.04
Lowering speed with/without load, m/s	0.05/0.04	0.05/0.04	0.05/0.04
Gradient with/without load, %	5/10	5/10	5/10
Drive motor rating, kW	0.7	0.7	0.7
Hoist motor rating, kW	1.0	1.0	1.0
Service brake	electric	electric	electric
Battery	starter	Gel	Li-ION
Battery voltage 20 h, in V/Ah	24/70	24/65	24/50
Weight with battery in kg	227	256	212

¹VG... Solid rubber, PUR... Polyurethane



*Our top seller
with over half a million
units sold!*

Ergonomically designed control handle with rubber coating for better grip.

Infinitely variable lowering speed.

Reinforced construction for greater stability.

Fork entry rollers make easy entry into the wide side of Euro pallets.

Galvanized, maintenance-friendly, and extremely durable hydraulic unit with integral reservoir. The enclosed hydraulic system protects against damage.

5 different tyre combinations to suit all your needs.

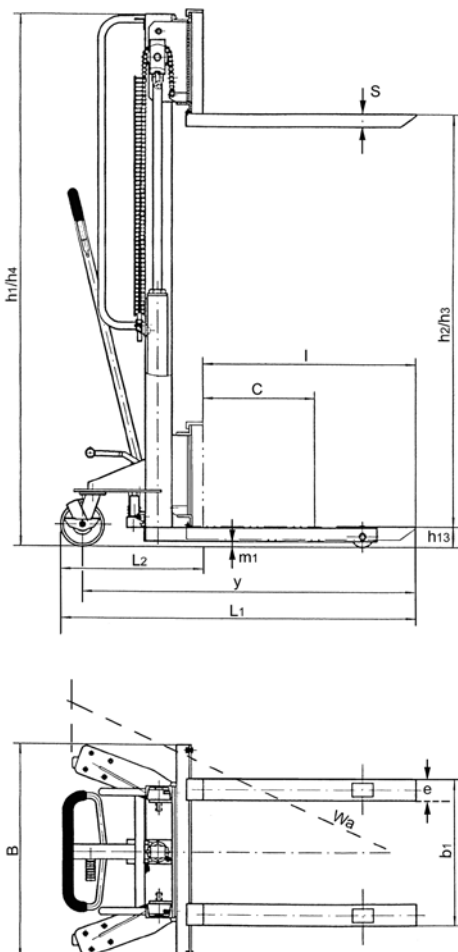
HV 0516 Manual drive stacker with manual-hydraulic lift

Capacity 500 kg

Ideal for the occasional, internal application of stacking and transporting of palletised goods, loading and unloading of shelves and lorries.

Features

- Ergonomic safety control handle for one-hand operation of lifting, driving and lowering.
- Handlebars for easy operation.
- Lowering speed can be finely metered for sensitive lowering of the load.
- Single-acting hand pump with increased lift per handle stroke.
- Robust mast construction with hard chromium plated piston.
- Steering roller with brake for safe parking of the hand stacker.



Technical data HV 0516

Model	HV 0516
Art.-No.	40005551
Capacity, kg	500
Load center c, mm	600
Wheelbase y, mm	1630
Weight, kg	160
Tyre type ¹	PA/PUR
Steering rollers, mm	145 x 40
Load rollers, mm	80 x 35
Number of wheels/load rollers	2/2
Height, mast retracted h1, mm	2000
Freelift h2, mm	1520
Stroke h3, mm	1520
Height, mast extended h4, mm	2000
Lifting height max. h3 + h13, mm	1600
Fork height lowered h13, mm	90
Overall length L1, mm	1750
Length incl. apron L2, mm	480
Overall width B, mm	830
Fork height s, mm	50
Fork width e, mm	120
Fork length l, mm	1150
Outside dimension of forks adjustable up to b1, mm	270/810
Ground clearance m1, mm	25
Turning circle radius Wa, mm	1500
Lift per one crank rotation with/without load, mm	20/45

¹PA... Polyamide, PUR... Polyurethane



HV 1008 and HV 1016 Manual drive stacker

Capacity 1000 kg

Ideal for the occasional, internal application of stacking and transporting of palletised goods.

Features

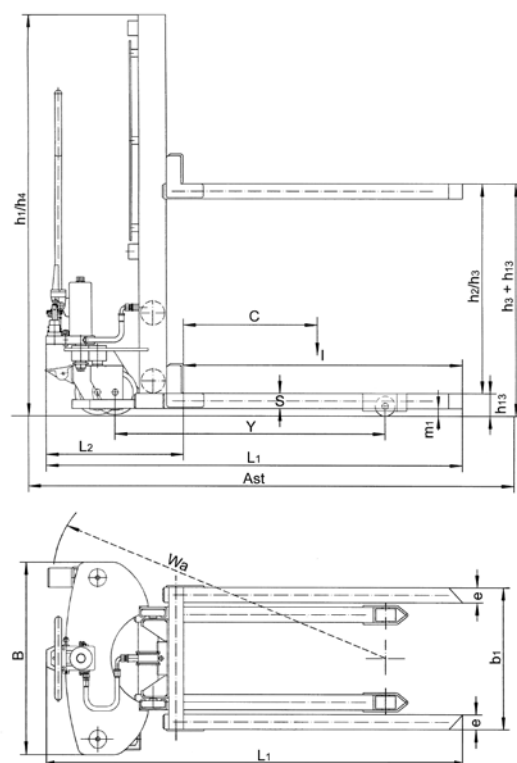
- Ergonomic safety control handle for one-hand operation of lifting, driving and lowering.
- Easy handling due to forced steering rollers.
- Lowering speed can be finely metered for sensitive lowering of the load.
- Single-acting hand pump with increased lift per handle stroke.
- Quick-lift for loads up to 100 kg.
- Robust mast construction with hard chromium plated piston.
- Steering roller with brake for safe parking of the hand stacker.



Technical data HV 1008 and HV 1016

Model	HV 1008	HV 1016
Art.-No.	34518032	34518030
Capacity, kg	1000	1000
Load center c, mm	600	600
Wheelbase y, mm	1075	1075
Weight, kg	179	205
Tyre type ¹	PUR/PUR	PUR/PUR
Steering rollers, mm	180 x 50	180 x 50
Load rollers, mm	80 x 55	80 x 55
Number of wheels/load rollers	2/2	2/2
Height, mast retracted h1, mm	1300	1965
Freelift h2, mm	810	1510
Stroke h3, mm	810	1510
Height, mast extended h4, mm	1300	1965
Lifting height max. h3 + h13, mm	900	1600
Fork height lowered h13, mm	90	90
Overall length L1, mm	1675	1675
Length incl. apron L2, mm	552	552
Overall width B, mm	765	765
Fork height s, mm	60	60
Fork width e, mm	60	60
Fork length l, mm	1122	1122
Outside dimension of forks b1, mm	570	570
Ground clearance m1, mm	25	25
Aisle width pallet Ast, mm	1875	1875
Turning circle radius Wa, mm	1445	1445
Lift per one crank rotation with/without load, mm	17/50	17/50

¹PUR... Polyurethane



EHH PSE Manual drive stacker with electric-hydraulic lift

Capacity 1000 kg,
fork height max. 3000 mm

Suitable for occasional applications of stacking and transporting palletised loads, also for use in confined areas and for short distances.

Features

- Good maneuverability and easy handling due to positive steering of the unit.
- Compact electric-hydraulic lifting device and overload protection.
- Finely metered lowering of load through pressure relief valve and adjustable lowering valve.
- Retention by parking brake.
- Robust frame with two load and two steer rollers.
- The maintenance free battery can be charged at any 230V plug socket.

Scope of delivery

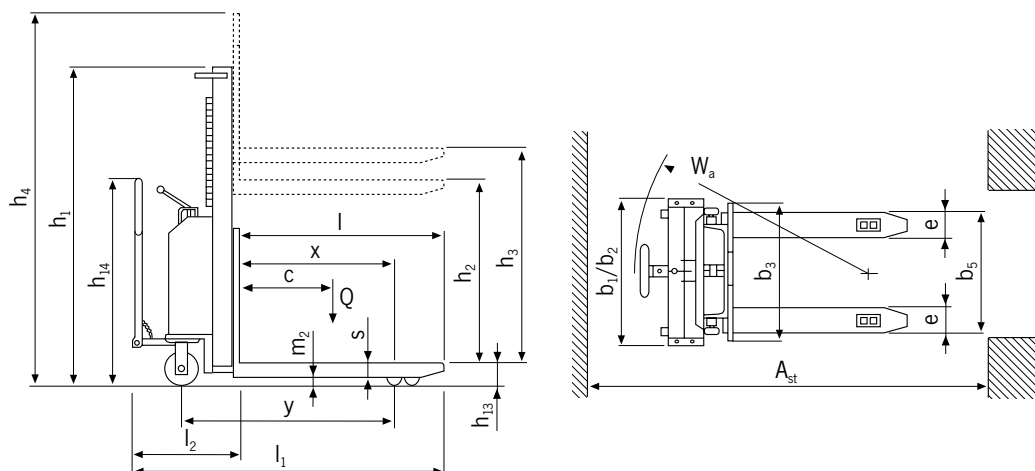
- Battery and battery charger included.



Technical data EHH PSE

Model	EHH PSE 1016	EHH PSE 1025	EHH PSE 1030
Art.-No.	40050660	40050661	40050662
Capacity (up to 2.5 m lift), kg	1000	1000	1000
Load center c, mm	600	600	600
Wheelbase y, mm	1160	1160	1160
Weight (with battery), kg	395	455	475
Tyre type ¹	PA/PUR	PA/PUR	PA/PUR
Steering rollers, mm	180 x 50	180 x 50	180 x 50
Load rollers, mm	74 x 70	74 x 70	74 x 70
Number of wheels/load rollers	2/4	2/4	2/4
Height, mast retracted h1, mm	1980	1830	2080
Freelift h2, mm	1415	-	-
Stroke h3, mm	1515	2415	2915
Height, mast extended h4, mm	2030	3020	3515
Lifting height max. h3 + h13, mm	1600	2500	3000
Fork height lowered h13, mm	85	85	85
Overall length L1, mm	1720	1720	1720
Length incl. apron L2, mm	555	555	555
Overall width b1/b2, mm	765	765	765
Fork height s, mm	60	60	60
Fork width e, mm	180	180	180
Fork length l, mm	1100	1100	1100
Outside dimension of forks b5, mm	570	570	570
Ground clearance m2, mm	25	25	25
Aisle width pallet Ast, mm	2145	2145	2145
Turning circle radius Wa, mm	1280	1280	1280
Lifting speed with/without load, m/s	0.08/0.13	0.08/0.13	0.08/0.13
Lowering speed with/without load, m/s	0.42/0.19	0.42/0.19	0.42/0.19
Hoist motor rating, kW	1.5	1.5	1.5
Battery according to DIN 43531	semi traction battery	semi traction battery	semi traction battery
Battery charger, V/A	12/20A	12/20A	12/20A
Battery voltage, capacity, V/Ah	12/130	12/130	12/130

¹PA... Polyamide, PUR... Polyurethane



EHH PS Manual drive stacker with electric-hydraulic lift

Capacity 1000 - 1200 kg,
fork height max. 3500 mm

Suitable for occasional to medium applications of stacking and transporting palletised loads, also in confined areas.

Features

- Easy to operate via tie-rod guides to both steer wheels.
- Compact electric-hydraulic lifting device and overload protection.
- Finely metered lowering of load through pressure relief valve and adjustable lowering valve.
- Mast welded from precision profiles, fork carriage with maintenance free guide rollers.
- Retention by parking brake.
- Robust frame with two load and two steer rollers.

Scope of delivery

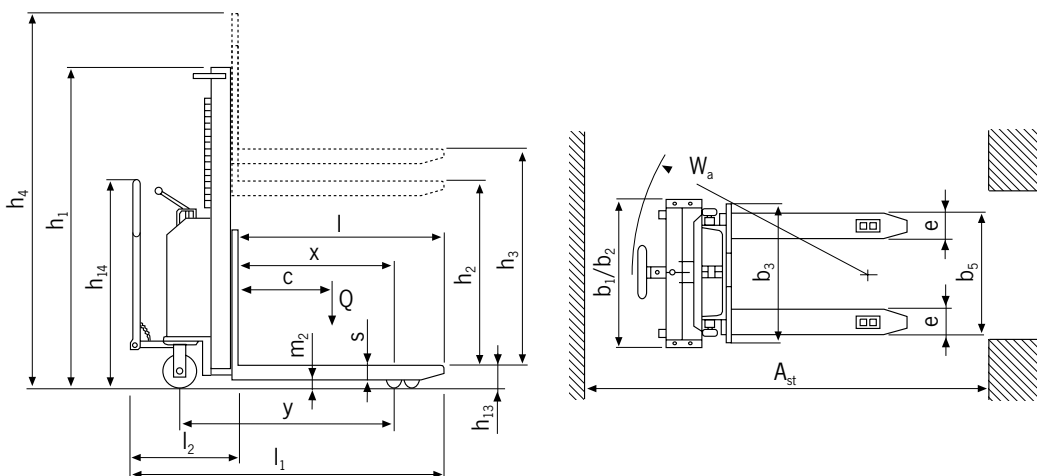
- Battery and battery charger included.



Technical data EHH PS

Model	EHH PS 1009	EHH PS 1016	EHH PS 1225	EHH PS 1229	EHH PS 1235
Art.-No.	40046051	40044422	40044424	40044425	40044426
Capacity (up to 2.5 m lift), kg	1000	1000	1200	1200	1200
Load center c, mm	600	600	600	600	600
Wheelbase y, mm	965	965	1155	1155	1155
Weight (with battery), kg	296	311	433	449	496
Tyre type ¹	VG/PA	VG/PA	PUR/PA	PUR/PA	PUR/PA
Steering rollers, mm	200 x 50	200 x 50	200 x 50	200 x 50	200 x 50
Load rollers, mm	82 x 70	82 x 70	82 x 70	82 x 70	82 x 70
Number of wheels/load rollers	2/2	2/2	2/2	2/2	2/2
Height, mast retracted h1, mm	1300	1970	1780	1980	2250
Freelift h2, mm	810	1510	-	-	80
Stroke h3, mm	810	1510	2410	2810	3410
Height, mast extended h4, mm	1300	1970	2985	3385	3915
Lifting height max. h3 + h13, mm	900	1600	2500	2900	3500
Fork height lowered h13, mm	90	90	90	90	90
Overall length L1, mm	1750	1750	1850	1850	1850
Length incl. apron L2, mm	600	600	700	700	700
Overall width b1/b2, mm	750	750	850	850	850
Fork height s, mm	70	70	70	70	70
Fork width e, mm	150	150	150	150	150
Fork length l, mm	1150	1150	1150	1150	1150
Outside dimension of forks b5, mm	560	560	560	560	560
Ground clearance m2, mm	20	20	20	20	20
Aisle width pallet Ast, mm	2210	2210	2375	2375	2375
Turning circle radius Wa, mm	1440	1440	1760	1760	1760
Lifting speed with/without load, m/s	0.09/0.12	0.09/0.12	0.08/0.12	0.08/0.12	0.08/0.12
Lowering speed with/without load, m/s	0.4/0.1	0.4/0.1	0.4/0.1	0.4/0.1	0.4/0.1
Hoist motor rating, kW	1.6	1.6	2.2	2.2	2.2
Battery according to DIN 43531	starter	starter	starter	starter	starter
Battery charger, V/A	12/10	12/10	12/10	12/10	12/10
Battery voltage, capacity, V/Ah	12/74	12/74	24/74	24/74	24/74

¹PA... Polyamide, PUR... Polyurethane, VG... Solid rubber



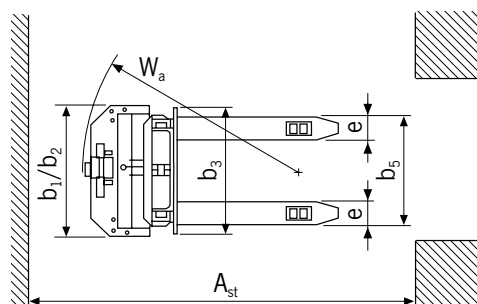
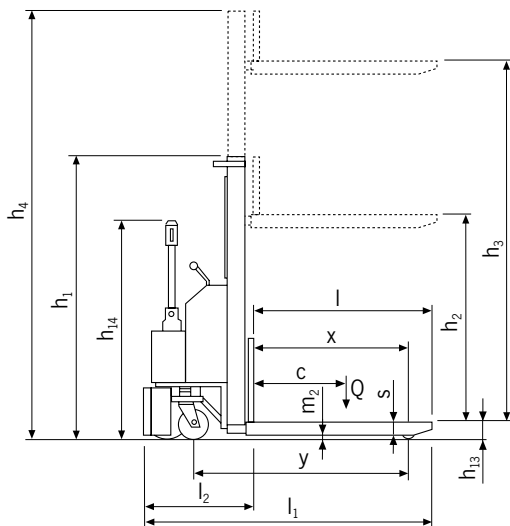
EGV PSL 1016 II Electric pedestrian stacker

Capacity 1000 kg,
fork height max. 1600 mm

The EGV PSL 1016 II is the ideal solution for indoor transportation and of palletised goods within a warehouse environment for short haul and medium work load applications.

Features

- The slim single mast and the laterally, ergonomic tiller ensure a free view onto the goods as in front of the stacker.
- The fork thickness of 60 mm enables an easier entrance inside pallets, while working in elevation.
- Easy maintenance – the convenient access opening at the bottom of the forklift allows an immediate disassembly of motor wheel without lifting the machine.
- The reduced overall width of 794 mm improves the handling of goods in narrow spaces and corridors.
- Ultra-slow drive function enables exact driving in very tight spaces.
- Gel battery as standard.



Technical data EGV PSL 1016 II

Model	EGV PSL 1016 II
Art.-No.	192021784
Capacity (up to 2.5m lift), kg	1000
Steering rollers, mm	186 x 50 + 125 x 45
Load rollers, mm	82 x 70
Height, mast retracted h1, mm	1970
Freelift h2, mm	1510
Stroke, mm	1510
Height, mast extended h4, mm	1970
Fork height max. h3, mm	1600
Fork height lowered h13, mm	90
Overall length L1, mm	1675
Overall width b1/b2, mm	794
Fork height s, mm	60
Fork width e, mm	150
Fork length l, mm	1153
Outside dimension of forks b5, mm	560
Travel speed with/without load, km/h	3.7/4.3
Lifting speed with/without load, m/s	0.11/0.18
Lowering speed with/without load, m/s	0.18/0.18
Drive motor rating, kW	0.35
Hoist motor rating, kW	2.2
Battery	Gel
Battery charger, V/A	24/12
Battery voltage, V/Ah	24/50

EGV PSL II

Electric pedestrian stacker

Capacity 1200 kg,
fork height max. 3500 mm

The revised EGV PSL II is the ideal solution for indoor transportation and of palletized goods within a warehouse environment for short haul and medium work load applications.

Features

- The wide mast and the laterally, ergonomic tiller ensure a free view onto the goods as in front of the stacker.
- All functions are comfortably controlled from the tiller head.
- The reduced overall width of 800 mm improves the handling of goods in narrow spaces and corridors.
- Ultra-slow drive function enables exact driving in very tight spaces.
- Easy maintenance – the convenient access opening at the bottom of the forklift allows an immediate disassembly of motor wheel without lifting the machine.
- Improved drive- and lifting speed.
- The spiral charging cable which can be stored in the chassis enables easy charging at every socket.

Options

Plus version

- Maintenance-free Gel batteries with increased working hours and a doubled lifetime expectancy.
- Finely metered lifting and lowering due to a soft valve control.
- Faster lowering speed

Freelift version

- The EGV PSL 1229 II plus Freelift has a fullfreelift. It can lift the forks up to 1500 mm without increasing the base mast height.

Scope of delivery

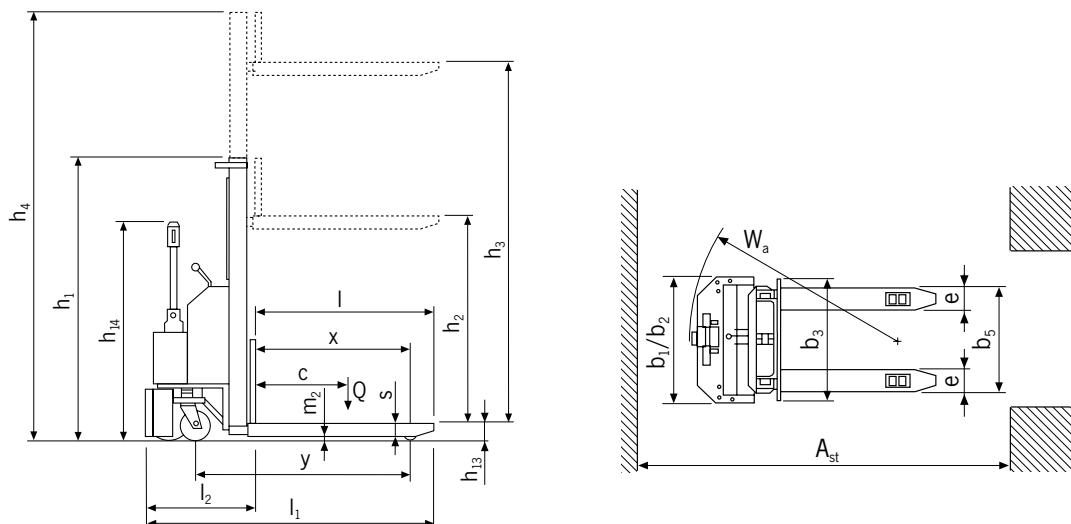
- Battery and battery charger included.



Technical data EGV PSL II

Model	EGV PSL 1225 II	EGV PSL 1229 II	EGV PSL 1235 II
Art.-No.	192033602	192033615	192033616
Actuation	electric	electric	electric
Operation	pedestrian	pedestrian	pedestrian
Capacity (up to 2.5 m lift), kg	1200	1200	1200
Load center c, mm	600	600	600
Wheelbase y, mm	1234	1234	1234
Weight (with battery), kg	568	583	616
Tyre type ¹	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR
Steering rollers, mm	250 x 76 + 100 x 38	250 x 76 + 100 x 38	250 x 76 + 100 x 39
Load rollers, mm	82 x 70	82 x 70	82 x 70
Number of wheels/load rollers (x=driven)	1x + 1/2	1x + 1/2	1x + 1/2
Height, mast retracted h ₁ , mm	1787	1987	2250
Freelift h ₂ , mm	-	-	80
Stroke, mm	2410	2810	3410
Height, mast extended h ₄ , mm	2992	3392	3916
Fork height max. h ₃ , mm	2500	2900	3500
Height of control handle min./max. h ₁₄ , mm	915/1310	915/1310	915/1310
Fork height lowered h ₁₃ , mm	90	90	90
Overall length L ₁ , mm	1760	1760	1760
Length incl. apron L ₂ , mm	609	609	609
Overall width b ₁ /b ₂ , mm	800	800	800
Fork height s, mm	70	70	70
Fork width e, mm	150	150	150
Fork length l, mm	1150	1150	1150
Outside dimension of forks b ₅ , mm	560	560	560
Ground clearance m ₂ , mm	20	20	20
Aisle width pallet A _{st} , mm	2210	2210	2210
Turning circle radius W _a , mm	1430	1430	1430
Travel speed with/without load, km/h	4.7/5.2	4.7/5.2	4.7/5.2
Lifting speed with/without load, m/s	0.11/0.19	0.11/0.19	0.11/0.19
Lowering speed with/without load, m/s	0.12/0.15	0.12/0.15	0.12/0.15
Gradient with/without load, %	5/10	5/10	5/10
Service brake	electric	electric	electric
Drive motor rating, kW	0.7	0.7	0.7
Hoist motor rating, kW	2.2	2.2	2.2
Battery	starter	starter	starter
Battery charger, V/A	24/13	24/13	24/13
Battery voltage, V/Ah	24/85	24/85	24/85

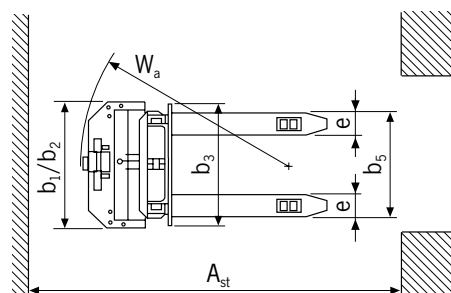
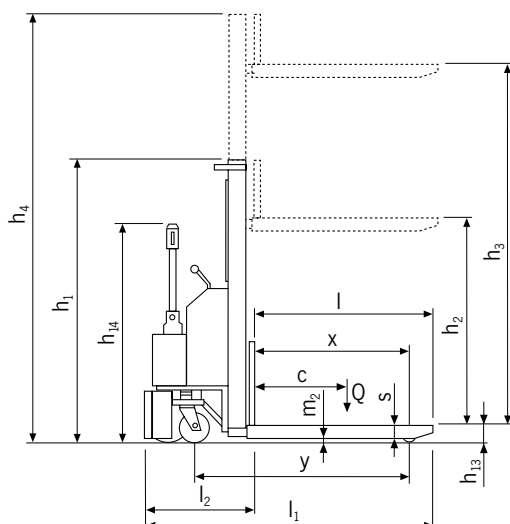
¹PUR... Polyurethane, VG... Solid rubber



Technical data EGV PSL II plus and EGV PSL II plus Freelift

Model	EGV PSL 1225 II plus	EGV PSL 1229 II plus	EGV PSL 1235 II plus	EGV PSL 1229 II plus Freelift
Art.-No.	192033617	192033618	192033620	192033621
Actuation	electric	electric	electric	electric
Operation	pedestrian	pedestrian	pedestrian	pedestrian
Capacity (up to 2.5 m lift), kg	1200	1200	1200	1200
Load center c, mm	600	600	600	600
Wheelbase y, mm	1234	1234	1234	1234
Weight (with battery), kg	648	663	696	693
Tyre type ¹	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR
Steering rollers, mm	250 x 76 + 100 x 40	250 x 76 + 100 x 41	250 x 76 + 100 x 42	250 x 76 + 100 x 43
Load rollers, mm	82 x 70	82 x 70	82 x 70	82 x 70
Number of wheels/load rollers (x=driven)	1x + 1/2	1x + 1/2	1x + 1/2	1x + 1/2
Height, mast retracted h1, mm	1787	1987	2250	1965
Freelift h2, mm	0	0	80	1402
Stroke, mm	2410	2810	3410	2810
Height, mast extended h4, mm	2992	3392	3916	3372
Fork height max. h3, mm	2500	2900	3500	2900
Height of control handle min./max. h14, mm	915/1310	915/1310	915/1310	915/1310
Fork height lowered h13, mm	90	90	90	90
Overall length L1, mm	1760	1760	1760	1760
Length incl. apron L2, mm	609	609	609	609
Overall width b1/b2, mm	800	800	800	800
Fork height s, mm	70	70	70	70
Fork width e, mm	150	150	150	150
Fork length l, mm	1150	1150	1150	1150
Outside dimension of forks b5, mm	560	560	560	560
Ground clearance m2, mm	20	20	20	20
Aisle width pallet Ast, mm	2210	2210	2210	2210
Turning circle radius Wa, mm	1430	1430	1430	1430
Travel speed with/without load, km/h	4.7/5.2	4.7/5.2	4.7/5.2	4.7/5.2
Lifting speed with/without load, m/s	0.11/0.19	0.11/0.19	0.11/0.19	0.11/0.19
Lowering speed with/without load, m/s	0.19/0.19	0.19/0.19	0.19/0.19	0.16/0.14
Gradient with/without load, %	5/10	5/10	5/10	5/10
Service brake	electric	electric	electric	electric
Drive motor rating, kW	0.7	0.7	0.7	0.7
Hoist motor rating, kW	2.2	2.2	2.2	2.2
Battery	Gel	Gel	Gel	Gel
Battery charger, V/A	24/13	24/13	24/13	24/13
Battery voltage, V/Ah	24/105	24/105	24/105	24/105

¹PUR...Polyurethane, VG...Solid rubber



EGV PSH II Electric pedestrian stacker

Capacity 1200 - 1600 kg,
fork height max. 5000 mm

The revised edition of the model range EGV PSH II is the professional solution for indoor transportation and stacking of palletised loads over longer distances and higher capacity utilization.

Features

- Multifunctional control handle with integrated drive switches and lifting and lowering functions directly on the control handle.
- Proportionally controllable lifting and lowering functions for better positioning of the loads.
- Compact overall dimensions, only 800 mm wide allows operations in narrow corridors.
- Ultra-slow drive function enables exact driving in very tight spaces.
- Drive and lifting speeds have been increased for this revised model.

Options

- Drivers platform
- Freelift



INFO

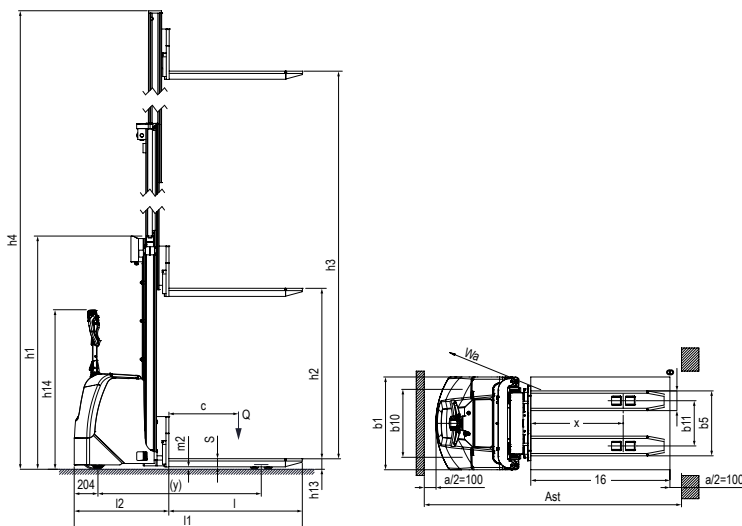
Battery and battery charger are to be ordered separately.

Technical data EGV PSH 12 II

Model	EGV PSH 12-16 II	EGV PSH 12-25 II	EGV PSH 12-29 II	EGV PSH 12-35 II
Art.-No.	N25412161	N25412251	N25412291	N25412351
Actuation	electric	electric	electric	electric
Operation	pedestrian	pedestrian	pedestrian	pedestrian
Capacity (up to 2.5 m lift), kg	1200	1200	1200	1200
Load center c, mm	600	600	600	600
Wheelbase y, mm	1307	1307	1307	1307
Weight (with battery 180 Ah), kg	841	900	915	937
Tyre type ¹	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR
Steering rollers, mm	250 x 101 + 100 x 38	250 x 101 + 100 x 38	250 x 101 + 100 x 38	250 x 101 + 100 x 38
Load rollers, mm	82 x 70	82 x 70	82 x 70	82 x 70
Number of wheels/load rollers (x=driven)	1x + 2/4	1x + 2/4	1x + 2/4	1x + 2/4
Height, mast retracted h1, mm	1965	1785	1987	2265
Freelift h2, mm	1510	-	-	80
Stroke, mm	1510	2410	2810	3410
Height, mast extended h4, mm	1965	2990	3392	3970
Fork height max. h3, mm	1600	2500	2900	3500
Height of control handle max. h14, mm	1390	1390	1390	1390
Fork height lowered h13, mm	90	90	90	90
Overall length L1, mm	1920	1920	1920	1920
Length incl. apron L2, mm	770	770	770	770
Overall width b1/b2, mm	800	800	800	800
Fork height s, mm	70	70	70	70
Fork width e, mm	150	150	150	150
Fork length l, mm	1150	1150	1150	1150
Outside dimension of forks b5, mm	560	560	560	560
Ground clearance, mm	20	20	20	20
Aisle width pallet Ast, mm	2169	2169	2169	2169
Turning circle radius Wa, mm	1550	1550	1550	1550
Travel speed with/without load, km/h	6/6	6/6	6/6	6/6
Lifting speed with/without load, m/s	0.12/0.17	0.12/0.17	0.12/0.17	0.12/0.17
Lowering speed with/without load, m/s	0.22/0.12	0.22/0.12	0.22/0.12	0.22/0.12
Gradient with/without load, %	5/10	5/10	5/10	5/10
Service brake	electric	electric	electric	electric
Drive motor rating, kW	1.2	1.2	1.2	1.2
Hoist motor rating, kW	3.2	3.2	3.2	3.2
Battery ²	PzS	PzS	PzS	PzS
Battery voltage, V/Ah	24/225-300	24/225-300	24/225-300	24/225-300
Battery weight, kg	270	270	270	270
Type of control	impulse	impulse	impulse	impulse

¹ PUR... Polyurethane, VG... Solid rubber

² PzS... Traction battery



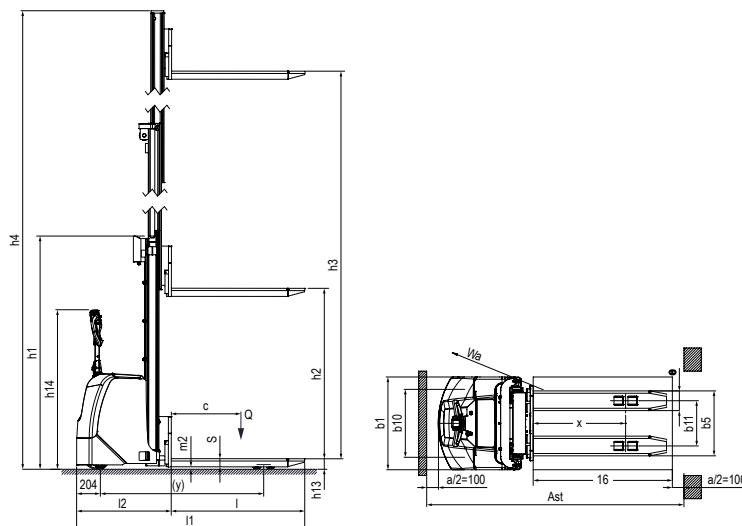
Technical data EGV PSH 14 II

Model	EGV PSH 14-45T II	EGV PSH 14-45TF II	EGV PSH 14-50T II
Art.-No.	N25414453	N25414455	N25414503
Actuation	electric	electric	electric
Operation	pedestrian	pedestrian	pedestrian
Capacity (up to 2.5 m lift), kg	1400	1400	1400
Load center c, mm	600	600	600
Wheelbase y, mm	1370	1370	1370
Weight (with battery 180 Ah), kg	1190	1223	1229
Tyre type ¹	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR
Steering rollers, mm	250 x 101 + 100 x 38	250 x 101 + 100 x 38	250 x 101 + 100 x 38
Load rollers, mm	82 x 70	82 x 70	82 x 70
Number of wheels/load rollers (x=driven)	1x + 2/4	1x + 2/4	1x + 2/4
Height, mast retracted h1, mm	2080	2089	2285
Freelift h2, mm	-	1470	-
Stroke, mm	4410	4410	5025
Height, mast extended h4, mm	5020	5029	5635
Fork height max. h3, mm	4500	4500	5115
Height of control handle max. h14, mm	1390	1390	1390
Fork height lowered h13, mm	90	90	90
Overall length L1, mm	1966	1966	1966
Length incl. apron L2	816	816	816
Overall width b1/b2, mm	800	800	800
Fork height s, mm	70	70	70
Fork width e, mm	170	170	170
Fork length l, mm	1150	1150	1150
Outside dimension of forks b5, mm	560	560	560
Ground clearance, mm	20	20	20
Aisle width pallet Ast, mm	2389	2389	2389
Turning circle radius Wa, mm	1613	1613	1613
Travel speed with/without load, km/h	6/6	6/6	6/6
Lifting speed with/without load, m/s	0.14/0.28	0.14/0.28	0.14/0.28
Lowering speed with/without load, m/s	0.34/0.40	0.34/0.40	0.34/0.40
Gradient with/without load, %	5/10	5/10	5/10
Service brake	electric	electric	electric
Drive motor rating, kW	1.2	1.2	1.2
Hoist motor rating, kW	3.2	3.2	3.2
Battery ²	PzS	PzS	PzS
Battery voltage, V/Ah	24/300 ³	24/300 ³	24/300 ³
Battery weight, kg	270	270	270
Type of control	impulse	impulse	impulse

¹PUR... Polyurethane, VG... Solid rubber

²PzS... Traction battery

³Unit only supplied with 300Ah battery

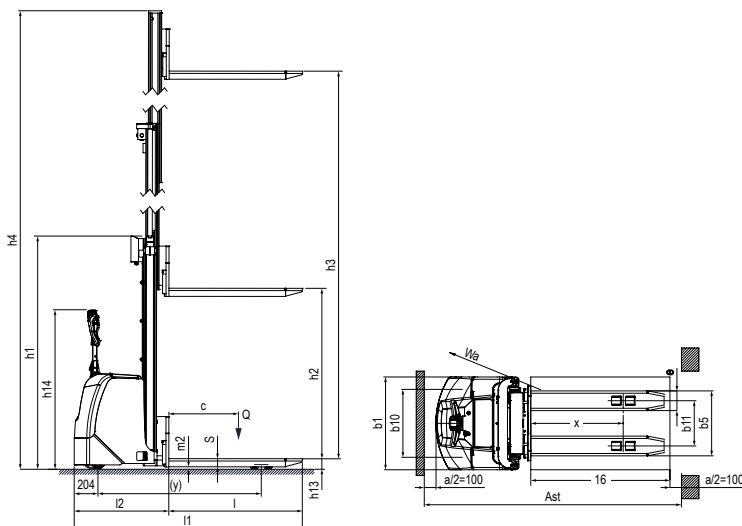


Technical data EGV PSH 16 II

Model	EGV PSH 16-16 II	EGV PSH 16-25 II	EGV PSH 16-29 II	EGV PSH 16-35 II
Art.-No.	N25416161	N25416251	N25416291	N25416351
Actuation	electric	electric	electric	electric
Operation	pedestrian	pedestrian	pedestrian	pedestrian
Capacity (up to 2.5 m lift), kg	1600	1600	1600	1600
Load center c, mm	600	600	600	600
Wheelbase y, mm	1370	1370	1370	1370
Weight (with battery 180 Ah), kg	920	1025	1050	1090
Tyre type ¹	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR	PUR/VG + PUR
Steering rollers, mm	250 x 101 + 100 x 38	250 x 101 + 100 x 38	250 x 101 + 100 x 38	250 x 101 + 100 x 38
Load rollers, mm	82 x 70	82 x 70	82 x 70	82 x 70
Number of wheels/load rollers (x=driven)	1x + 2/4	1x + 2/4	1x + 2/4	1x + 2/4
Height, mast retracted h1, mm	1965	1765	1965	2265
Freelift h2, mm	1510	-	-	-
Stroke, mm	1510	2410	2810	3410
Height, mast extended h4, mm	1965	2970	3370	3970
Fork height max. h3, mm	1600	2500	2900	3500
Height of control handle max. h14, mm	1390	1390	1390	1390
Fork height lowered h13, mm	90	90	90	90
Overall length L1, mm	1944	1944	1944	1944
Length incl. apron L2, mm	795	795	795	795
Overall width b1/b2, mm	800	800	800	800
Fork height s, mm	70	70	70	70
Fork width e, mm	170	170	170	170
Fork length l, mm	1150	1150	1150	1150
Outside dimension of forks b5, mm	560	560	560	560
Ground clearance, mm	20	20	20	20
Aisle width pallet Ast, mm	2195	2195	2195	2195
Turning circle radius Wa, mm	1613	1613	1613	1613
Travel speed with/without load, km/h	6/6	6/6	6/6	6/6
Lifting speed with/without load, m/s	0.13/0.25	0.13/0.25	0.13/0.25	0.13/0.25
Lowering speed with/without load, m/s	0.31/0.38	0.31/0.38	0.31/0.38	0.31/0.38
Gradient with/without load, %	5/10	5/10	5/10	5/10
Service brake	electric	electric	electric	electric
Drive motor rating, kW	1.2	1.2	1.2	1.2
Hoist motor rating, kW	3.2	3.2	3.2	3.2
Battery ²	PzS	PzS	PzS	PzS
Battery voltage, V/Ah	24/225-300	24/225-300	24/225-300	24/225-300
Battery weight, kg	270	270	270	270
Type of control	impulse	impulse	impulse	impulse

¹ PUR... Polyurethane, VG... Solid rubber

² PzS... Traction battery



*The Hand pallet trucks
of the new generation of batteries
you will find
on pages 288-293*



HU 12-115 TP **Li-ION**



EGU 15 E **Li-ION**



EGU PS 14 **Li-ION**

Li-ION battery

This battery offers much longer operational periods and overall lifetime of the battery with shorter charges.

- The Li-ION battery has a lifespan of up to 3000 charging cycles.
- Charging time of only 2.5 hours.
- Intermediate charge is possible without affecting the lifetime of the battery.
- No loss of power when the battery charge state drops.