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.

Optional

- Drivers platform
- Freelift



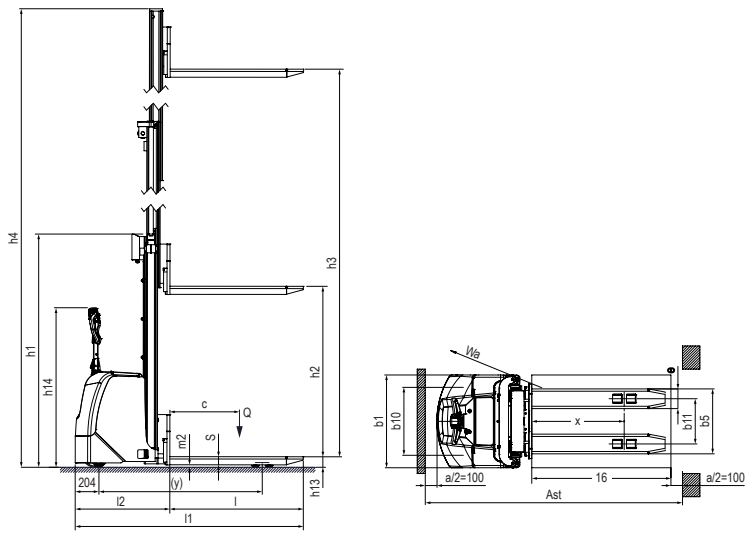
INFO

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

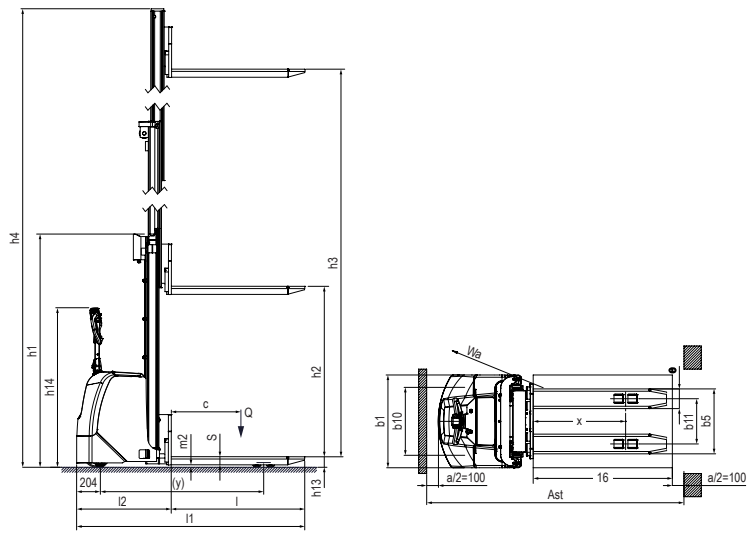
[1] PUR … Polyurethane, VG … Solid rubber
[2] PzS … Traction battery



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

[1] PUR … Polyurethane, VG … Solid rubber
[2] PzS … Traction battery
[3] Unit only supplied with 300 Ah 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

