

Technical data model EGV PSH

Model	EGV PSH 1445 FL	EGV PSH 1450	EGV PSH 1616	EGV PSH 1625	EGV PSH 1629	EGV PSH 1635
Art.-No.	040046057	040046058	040046059	040046060	040046061	040046061
Actuation	electric	electric	electric	electric	electric	electric
Operation	pedestrian	pedestrian	pedestrian	pedestrian	pedestrian	pedestrian
Capacity (up to 2.5 m lift), kg	1400	1400	1600	1600	1600	1600
Load center c, mm	600	600	600	600	600	600
Wheelbase y, mm	1429	1429	1429	1429	1429	1429
Weight (with battery 180 Ah), kg	1069	1088	754	849	874	914
Tyre type*	PUR+VG/PUR	PUR+VG/PUR	PUR+VG/PUR	PUR+VG/PUR	PUR+VG/PUR	PUR+VG/PUR
Steering rollers, mm	250x101+125x50	250x101+125x50	250x101+125x50	250x101+125x50	250x101+125x50	250x101+125x50
Load rollers, mm	82x70	82x70	82x70	82x70	82x70	82x70
Number of wheels/load rollers***	2+1x/4	2+1x/4	2+1x/4	2+1x/4	2+1x/4	2+1x/4
Height, mast retracted h ₁ , mm	2132	2266	1965	1765	1965	2265
Free lift h ₂ , mm	1510	-	1510	-	-	-
Stroke, mm	4410	4910	1510	2410	2810	3410
Height, mast extended h ₄ , mm	5072	5540	1965	2970	3370	3970
Fork height max. h ₃ , mm	4500	5000	1600	2500	2900	3500
Height of control handle max., mm	1385	1385	1385	1385	1385	1385
Fork height lowered, mm	90	90	90	90	90	90
Overall length L ₁ , mm	2001	2001	1991	1991	1991	1991
Length incl. apron L ₂ , mm	851	851	841	841	841	841
Overall width b ₁ /b ₂ , mm	850	850	850	850	850	850
Fork height s, mm	70	70	70	70	70	70
Fork width e, mm	170	170	170	170	170	170
Fork length l, mm	1150	1150	1150	1150	1150	1150
Outside dimension of forks b ₅ , mm	560	560	560	560	560	560
Ground clearance, mm	20	20	20	20	20	20
Aisle width pallet A _{st} , mm	2252	2252	2241	2241	2241	2241
Turning circle radius W _a , mm	1649	1649	1649	1649	1649	1649
Travel speed with/without load, km/h	5.5/6	5.5/6	5.5/6	5.5/6	5.5/6	5.5/6
Lifting speed with/without load, m/s	0.12/0.17	0.13/0.17	0.08/0.12	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	0.4/0.1
Gradient max. with/without load, %	5/10	5/10	5/10	5/10	5/10	5/10
Service brake	electric	electric	electric	electric	electric	electric
Drive motor rating, kW	1.2	1.2	1.2	1.2	1.2	1.2
Hoist motor rating, kW	3.0	3.0	2.5	2,5	2,5	2,5
Battery**	PzS	PzS	PzS	PzS	PzS	PzS
Battery voltage, V/Ah	24/180-210-315	24/180-210-315	24/180-210-315	24/180-210-315	24/180-210-315	24/180-210-315
Battery weight, kg	200-285	200-285	200-285	200-285	200-285	200-285
Type of control	impulse	impulse	impulse	impulse	impulse	impulse

*PUR ... Polyurethane, VG ... Solid rubber

**PzS ... Traction battery

*** (x=driven)

