

CESAB R300 1.4 - 2.5 tonne

Reach Trucks



Truck Specifications



CESAB R314 - R318 Truck Specifications

CHARACTERISTICS					
1.1	Manufacturer		CESAB	CESAB	CESAB
1.2	Model		R314	R316	R318
1.3	Drive		Electric	Electric	Electric
1.4	Operator type		Seated	Seated	Seated
1.5	Load capacity/rated load	Q [kg]	1400	1600	1800
1.6	Load centre	c [mm]	600	600	600
1.8	Load distance, centre of support arm wheel to face of forks	x [mm]	305*	347*	406*
1.9	Wheelbase	y [mm]	1295	1335	1475
WEIGHT					
2.1	Service weight including battery	[kg]	3538	3540	3863
2.3	Axle load, mast retracted without load, drive/support arm wheel	[kg]	2059/1478	2097/1443	2424/1439
2.4	Axle load, mast extended with load, drive/support arm wheel	[kg]	592/4346	505/4635	845/4819
2.5	Axle load, mast retracted with load, drive/support arm wheel	[kg]	1713/3225	1761/3379	2165/3498
WHEELS					
3.1	Drive/support arm wheel	[mm]	Vulkollan	Vulkollan	Vulkollan
3.2	Wheel size, front	[mm]	350	350	400
3.3	Wheel size, rear	[mm]	300	300*	350
3.5	Wheels, number front/rear (x=driven wheels)		1x/2	1x/2	1x/2
3.7	Track width, rear	b ₁₁ [mm]	1134	1134	1134
DIMENSIONS					
4.1	Tilt of fork, forward/backward	α/β [deg]	4°/-2°*	4°/-2°*	4°/-2°*
4.2	Height, mast lowered	h ₁ [mm]	3241*	3241*	2742*
4.3	Free lift	h ₂ [mm]	2190*	2190*	1691*
4.4	Lift	h ₃ [mm]	7460*	7460*	6260*
	Lift height	h ₂₃ [mm]	7500*	7500*	6300*
4.5	Height, mast extended	h ₄ [mm]	8150*	8150*	6950*
4.7	Height of overhead guard (cab)	h ₆ [mm]	2198	2198	2260
4.8	Seat height	h ₇ [mm]	1131	1131	1193
4.10	Height of support arms	h ₈ [mm]	268	268	330
4.15	Height of lowered forks	h ₁₃ [mm]	40	40	40
4.19	Overall length	l ₁ [mm]	2402	2400	2481
4.20	Length to face of forks	l ₂ [mm]	1252	1250	1331
4.21	Overall width	b ₁ [mm]	1270	1270	1270
4.22	Fork dimensions	s/e/l [mm]	40/100/1150*	40/100/1150*	40/120/1150*
4.23	Fork carriage ISO 2328, class/type A, B		II A	II A	II A
4.25	Width over forks	b ₅ [mm]	250-738	250-738	250-738
4.26	Distance between support arms	b ₄ [mm]	900*	900*	900*
4.28	Reach distance	l ₄ [mm]	434*	474*	614*
4.31	Ground clearance, with load, below mast	m ₁ [mm]	68	68	68
4.32	Ground clearance, centre of wheelbase 1)	m ₂ [mm]	74	74	77
4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st} [mm]	2675	2684	2781
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st} [mm]	2737	2739	2826
4.35	Turning radius	W _a [mm]	1557	1597	1737
4.37	Length across support arms	l ₇ [mm]	1728	1768	1933
PERFORMANCE DATA					
5.1	Travel speed, with/without load	[km/h]	11/11	10/11	11/11
5.2	Lift speed, with/without load	[m/s]	0,35/0,70	0,35/0,70	0,35/0,70
5.3	Lowering speed, with/without load	[m/s]	0,55/0,55	0,55/0,55	0,55/0,55
5.4	Reach speed, with/without load	[m/s]	0,25/0,25	0,25/0,25	0,25/0,25
5.8	Max. gradeability, with/without load 2)	[%]	10/15	10/15	10/15
5.10	Service brake		Electric	Electric	Electric
ELECTRIC MOTOR					
6.1	Drive motor rating S2 60 min	[kW]	7,5	7,5	9,0
6.2	Lift motor rating S3 15%	[kW]	11	11	15
6.4	Battery voltage, nominal capacity K5	[V/Ah]	48/465*	48/465*	48/620*
6.5	Battery weight	[kg]	725*	725*	940*
6.6	Energy consumption acc to VDI cycle 3)	[kWh/h]			
OTHER					
8.1	Type of drive control		Variable AC	Variable AC	Variable AC
8.4	Sound level at the driver's ear according to EN 12 053	[dB(A)]	66	66	66

1) 15 mm under studs 2) Measured according to company standard 3) Contact your supplier for information *) Other alternatives are available

All data are based on table configuration. Other configurations may give other values. Truck performance and dimensions are nominal and subject to tolerances. Products and specifications are subject to change without notice.



CESAB R320 - R325 Truck Specifications

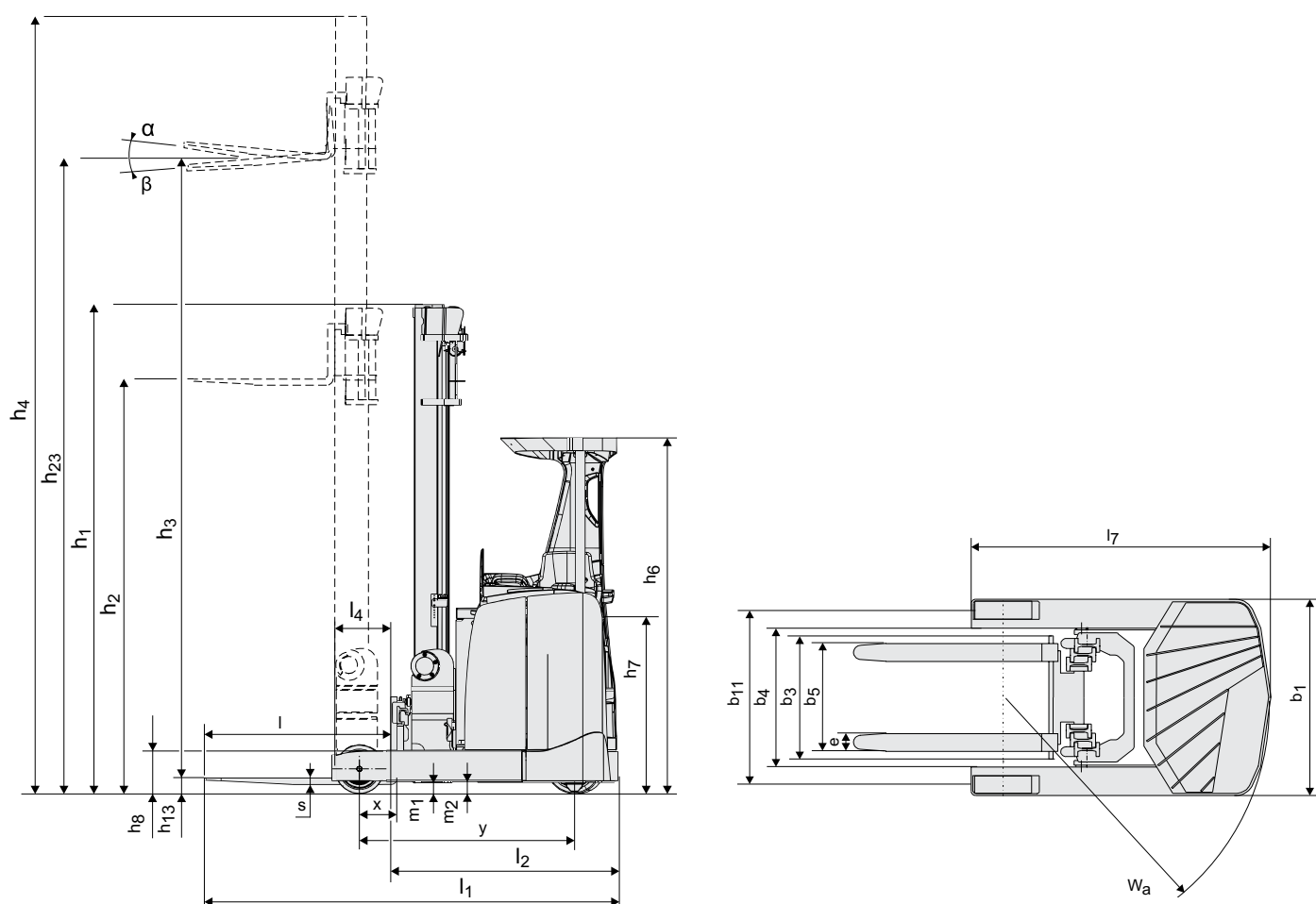
CHARACTERISTICS				
1.1	Manufacturer		CESAB	CESAB
1.2	Model		R320	R325
1.3	Drive		Electric	Electric
1.4	Operator type		Seated	Seated
1.5	Load capacity/rated load	Q [kg]	2000	2500
1.6	Load centre	c [mm]	600	600
1.8	Load distance, centre of support arm wheel to face of forks	x [mm]	446*	335*
1.9	Wheelbase	y [mm]	1515	1575
WEIGHT				
2.1	Service weight including battery	[kg]	4206	4806
2.3	Axle load, mast retracted without load, drive/support arm wheel	[kg]	2575/1630	2858/1947
2.4	Axle load, mast extended with load, drive/support arm wheel	[kg]	769/5436	589/6446
2.5	Axle load, mast retracted with load, drive/support arm wheel	[kg]	2348/3858	2454/4851
WHEELS				
3.1	Drive/support arm wheel	[mm]	Vulkollan	Vulkollan
3.2	Wheel size, front	[mm]	400	400
3.3	Wheel size, rear	[mm]	350	350
3.5	Wheels, number front/rear (x=driven wheels)		1x/2	1x/2
3.7	Track width, rear	b ₁₁ [mm]	1134	1134
DIMENSIONS				
4.1	Tilt of fork, forward/backward	α/β [deg]	4°/-2°*	4°/-2°*
4.2	Height, mast lowered	h ₁ [mm]	3241*	2781*
4.3	Free lift	h ₂ [mm]	2190*	1791*
4.4	Lift	h ₃ [mm]	7460*	6255*
	Lift height	h ₂₃ [mm]	7500*	6300*
4.5	Height, mast extended	h ₄ [mm]	8150*	6891*
4.7	Height of overhead guard (cab)	h ₆ [mm]	2260	2260
4.8	Seat height	h ₇ [mm]	1193	1193
4.10	Height of support arms	h ₈ [mm]	330	330
4.15	Height of lowered forks	h ₁₃ [mm]	40	45
4.19	Overall length	l ₁ [mm]	2481	2652
4.20	Length to face of forks	l ₂ [mm]	1331	1502
4.21	Overall width	b ₁ [mm]	1270	1270
4.22	Fork dimensions	s/e/l [mm]	40/120/1150*	45/125/1150*
4.23	Fork carriage ISO 2328, class/type A, B		II A	II A
4.25	Width over forks	b ₅ [mm]	250-738	250-738
4.26	Distance between support arms	b ₄ [mm]	900*	900*
4.28	Reach distance	l ₄ [mm]	670*	571*
4.31	Ground clearance, with load, below mast	m ₁ [mm]	68	88
4.32	Ground clearance, centre of wheelbase 1)	m ₂ [mm]	77	77
4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st} [mm]	2794	2933
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st} [mm]	2831	2990
4.35	Turning radius	W _a [mm]	1777	1837
4.37	Length across support arms	l ₇ [mm]	1973	2033
PERFORMANCE DATA				
5.1	Travel speed, with/without load	[km/h]	11/11	11/11
5.2	Lift speed, with/without load	[m/s]	0,35/0,70	0,35/0,70
5.3	Lowering speed, with/without load	[m/s]	0,55/0,55	0,55/0,55
5.4	Reach speed, with/without load	[m/s]	0,25/0,25	0,25/0,25
5.8	Max. gradeability, with/without load 2)	[%]	10/15	7/12
5.10	Service brake		Electric	Electric
ELECTRIC MOTOR				
6.1	Drive motor rating S2 60 min	[kW]	9,0	9,0
6.2	Lift motor rating S3 15%	[kW]	15	15
6.4	Battery voltage, nominal capacity K5	[V/Ah]	48/620*	48/775*
6.5	Battery weight	[kg]	940*	1150*
6.6	Energy consumption acc to VDI cycle 3)	[kWh/h]		
OTHER				
8.1	Type of drive control		Variable AC	Variable AC
8.4	Sound level at the driver's ear according to EN 12 053	[dB(A)]	66	66

1) 15 mm under studs 2) Measured according to company standard 3) Contact your supplier for information *) Other alternatives are available

All data are based on table configuration. Other configurations may give other values. Truck performance and dimensions are nominal and subject to tolerances. Products and specifications are subject to change without notice.



CESAB R314 - R318 Dimensional Drawings



Battery compartments

DIMENSIONS		R314			R316			R318	
Battery compartment depth	[mm]	275 ¹⁾	347	419	275 ¹⁾	347 ²⁾	419	347 ²⁾	419
4.20 Length to face of forks ***	l_2 [mm]	1252	1324	1396	1250	1322	1394	1331	1403
4.33 Aisle width for pallets 1000x1200 crossways ***	A_{st} [mm]	2675	2731	2848	2684	2738	2795	2781	2833
4.34 Aisle width for pallets 800x1200 lengthways ***	A_{st} [mm]	2737	2803	2870	2739	2805	2871	2826	2891
6.4 Battery voltage, nominal capacity K5	[V/Ah]	48/465	48/620	48/775	48/465	48/620	48/775	48/620	48/775
6.5 Battery weight, min.—max.	[kg]	685-825	875-1030	1055-1235	685-825	875-1030	1055-1235*	875-1030	1055-1235
1.8 Load distance, centre of support arm wheel to face of forks x	[mm]	305	233	161	347	275	203	406	334

* = Lh 10000 and 10500mm: 1060-1235 kg
 ** = Lh 12000 and 12500 mm: 1250-1440 kg
 *** = Inclusive sideload

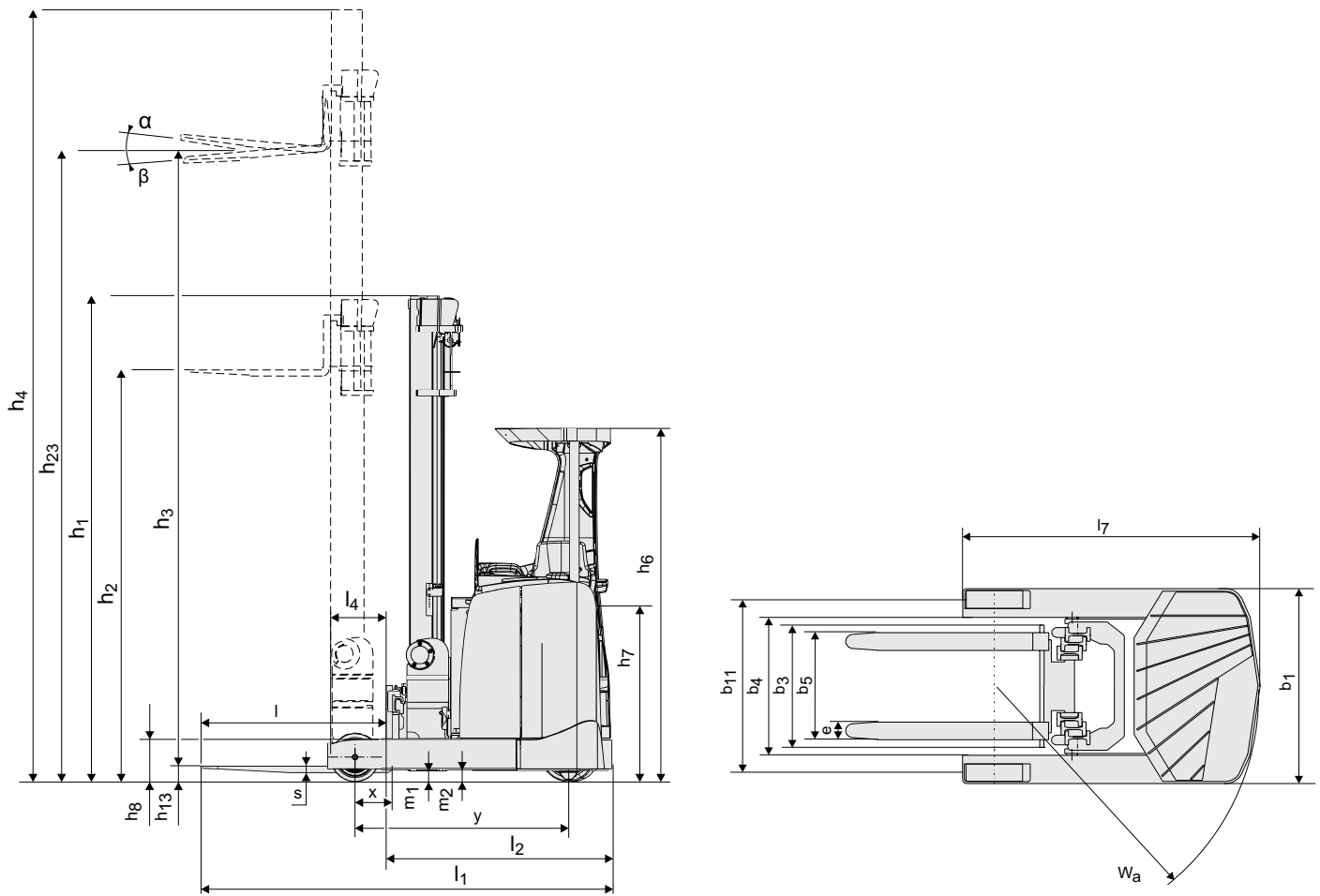
1) Lh max 7500 mm
 2) Lh max 9500 mm

Figures are for Lh 6300 mm and shortest standard battery fitting

Mast Specifications

DIMENSIONS				Triplex Freelift																
Lift height		h_{23} [mm]	4400	4600	4800	5400	5700	6300	6750	7000	7150	7500	8000	8500	9000	9500	10000	10500	10800	11000
Lift		h_3 [mm]	4360	4560	4760	5360	5660	6260	6710	6960	7110	7460	7960	8460	8960	9460	9960	10460	10760	10960
R314	Height, mast lowered	h_1 [mm]	2067	—	2200	2400	2500	2742	—	3074	2991	3241	3408	3574	3741	—	—	—	—	—
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	—	2023	1940	2190	2357	2523	2690	—	—	—	—	—
	Height, mast extended	h_4 [mm]	5050	—	5450	6050	6350	6950	—	7650	7450	8150	8650	9150	9650	—	—	—	—	—
R316	Height, mast lowered	h_1 [mm]	2067	—	2200	2400	2500	2742	2991	3074	2991	3241	3408	3574	3741	3908	4300	4467	—	—
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	1940	2023	1940	2190	2357	2523	2690	2857	3249	3416	—	—
	Height, mast extended	h_4 [mm]	5050	—	5450	6050	6350	6950	7400	7650	7450	8150	8650	9150	9650	10150	10650	11150	—	—
R318	Height, mast lowered	h_1 [mm]	—	2175	2242	2442	2542	2742	2991	3074	2991	3241	3408	3574	3741	3908	4467	4800	—	4800
	Free lift	h_2 [mm]	—	1124	1191	1391	1491	1691	1940	2023	1940	2190	2357	2523	2690	2857	3416	3749	—	3749
	Height, mast extended	h_4 [mm]	—	5250	5450	6050	6350	6950	7400	7650	7450	8150	8650	9150	9650	10150	10650	11150	—	11650

CESAB R320 - R325 Dimensional Drawings



Battery compartments

DIMENSIONS		R320			R325	
Battery compartment depth	[mm]	347 ²⁾	419 ³⁾	491	419 ³⁾	491
4.20 Length to face of forks ***	l_2 [mm]	1331	1403	1475	1502	1574
4.33 Aisle width for pallets 1000x1200 crossways ***	A_{st} [mm]	2794	2844	2897	2933	2987
4.34 Aisle width for pallets 800x1200 lengthways ***	A_{st} [mm]	2831	2895	2960	2990	3056
6.4 Battery voltage, nominal capacity K5	[V/Ah]	48/620	48/775	48/930	48/775	48/930
6.5 Battery weight, min.—max.	[kg]	875-1030	1055-1235	1240-1440**	1055-1235	1240-1440**
1.8 Load distance, centre of support arm wheel to face of forks	x [mm]	446	374	302	335	263

* = Lh 10000 and 10500mm: 1060-1235 kg
 ** = Lh 12000 and 12500 mm: 1250-1440 kg
 *** = Inclusive sideshift

1) Lh max 7500 mm
 2) Lh max 9500 mm
 3) Lh max 11500 mm

Figures are for Lh 6300 mm and shortest standard battery fitting

Mast Specifications

DIMENSIONS				Triplex Freelift																			
Lift height		h_{23}	[mm]	4600	4800	5400	5700	6300	6750	7000	7150	7500	8000	8500	9000	9500	10000	10500	10800	11000	11500	12000	12500
Lift		h_3	[mm]	4560	4760	5360	5660	6260	6710	6960	7110	7460	7960	8460	8960	9460	9960	10460	10760	10960	11460	11960	12460
R320	Height, mast lowered	h_1	[mm]	2175	2242	2442	2542	2742	2991	3074	2991	3241	3408	3575	3741	3908	4014	4181	4281	—	4514	4681	4848
	Free lift	h_2	[mm]	1124	1191	1391	1491	1691	1940	2023	1940	2190	2357	2523	2690	2857	3025	3191	3291	—	3523	3690	3857
	Height, mast extended	h_4	[mm]	5250	5450	6050	6350	6950	7400	7650	7450	8150	8650	9150	9650	10150	10591	11091	11391	—	12091	12591	13091
R325	Height, mast lowered	h_1	[mm]	—	2281	2481	—	2781	—	3014	—	—	3348	3514	3681	3848	4014	4181	4281	—	4514	4681	4848
	Free lift	h_2	[mm]	—	1291	1491	—	1791	—	2025	—	—	2357	2525	2691	2857	3025	3191	3291	—	3523	3690	3857
	Height, mast extended	h_4	[mm]	—	5391	5981	—	6891	—	7591	—	—	8591	9091	9591	10091	10591	11091	11391	—	12091	12591	13091

CESAB R314 - R318 with Coldstore Cabin Truck Specifications

CHARACTERISTICS				
1.1	Manufacturer		CESAB	CESAB
1.2	Model		R314	R316
1.3	Drive		Electric	Electric
1.4	Operator type		Seated	Seated
1.5	Load capacity/rated load	Q [kg]	1400	1600
1.6	Load centre	c [mm]	600	600
1.8	Load distance, centre of support arm wheel to face of forks	x [mm]	305*	345*
1.9	Wheelbase	y [mm]	1295	1335
1.9				1475
WEIGHT				
2.1	Service weight including battery	[kg]	4009	4011
2.3	Axle load, mast retracted without load, drive/support arm wheel	[kg]	2278/1731	2323/1688
2.4	Axle load, mast extended with load, drive/support arm wheel	[kg]	867/4543	783/4829
2.5	Axle load, mast retracted with load, drive/support arm wheel	[kg]	1853/3556	1900/3711
2.5				2468/3769
WHEELS				
3.1	Drive/support arm wheel	[mm]	Vulkollan	Vulkollan
3.2	Wheel size, front	[mm]	350	350
3.3	Wheel size, rear	[mm]	300	300*
3.5	Wheels, number front/rear (x=driven wheels)		1x/2	1x/2
3.7	Track width, rear	b ₁₁ [mm]	1134	1134
3.7				1134
DIMENSIONS				
4.1	Tilt of fork, forward/backward	α/β [deg]	4°/-2°*	4°/-2°*
4.2	Height, mast lowered	h ₁ [mm]	2742*	2742*
4.3	Free lift	h ₂ [mm]	1691*	1691*
4.4	Lift	h ₃ [mm]	6260*	6260*
4.4	Lift height	h ₂₃ [mm]	6300*	6300*
4.5	Height, mast extended	h ₄ [mm]	6950*	6950*
4.7	Height of overhead guard (cab)	h ₆ [mm]	2200	2200
4.8	Seat height	h ₇ [mm]	1131	1131
4.10	Height of support arms	h ₈ [mm]	268	268
4.15	Height of lowered forks	h ₁₃ [mm]	40	40
4.19	Overall length	l ₁ [mm]	2537	2540
4.20	Length to face of forks	l ₂ [mm]	1387	1390
4.21	Overall width	b ₁ [mm]	1270	1270
4.22	Fork dimensions	s/e/l [mm]	40/100/1150*	40/100/1150*
4.23	Fork carriage ISO 2328, class/type A, B		II A	II A
4.25	Width over forks	b ₅ [mm]	250-738	250-738
4.26	Distance between support arms	b ₄ [mm]	900*	900*
4.28	Reach distance	l ₄ [mm]	434*	474*
4.31	Ground clearance, with load, below mast	m ₁ [mm]	68	68
4.32	Ground clearance, centre of wheelbase 1)	m ₂ [mm]	74	74
4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st} [mm]	2794	2803
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st} [mm]	2866	2870
4.35	Turning radius	W _a [mm]	1620	1660
4.37	Length across support arms	l ₇ [mm]	1729	1831
4.37				1996
PERFORMANCE DATA				
5.1	Travel speed, with/without load	[km/h]	11/11	11/11
5.2	Lift speed, with/without load	[m/s]	0,35/0,70	0,35/0,70
5.3	Lowering speed, with/without load	[m/s]	0,55/0,55	0,55/0,55
5.4	Reach speed, with/without load	[m/s]	0,25/0,25	0,25/0,25
5.8	Max. gradeability, with/without load 2)	[%]	10/15	10/15
5.10	Service brake		Electric	Electric
5.10				Electric
ELECTRIC MOTOR				
6.1	Drive motor rating S2 60 min	[kW]	7,5	7,5
6.2	Lift motor rating S3 15%	[kW]	11	11
6.4	Battery voltage, nominal capacity K5	[V/Ah]	48/620*	48/620*
6.5	Battery weight	[kg]	940*	940*
6.6	Energy consumption acc to VDI cycle 3)	[kWh/h]		
OTHER				
8.1	Type of drive control		Variable AC	Variable AC
8.4	Sound level at the driver's ear according to EN 12 053	[dB(A)]	66	66
8.4				66

1) 15 mm under studs 2) Measured according to company standard 3) Contact your supplier for information *) Other alternatives are available

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CESAB R320 - R325 with Coldstore Cabin Truck Specifications

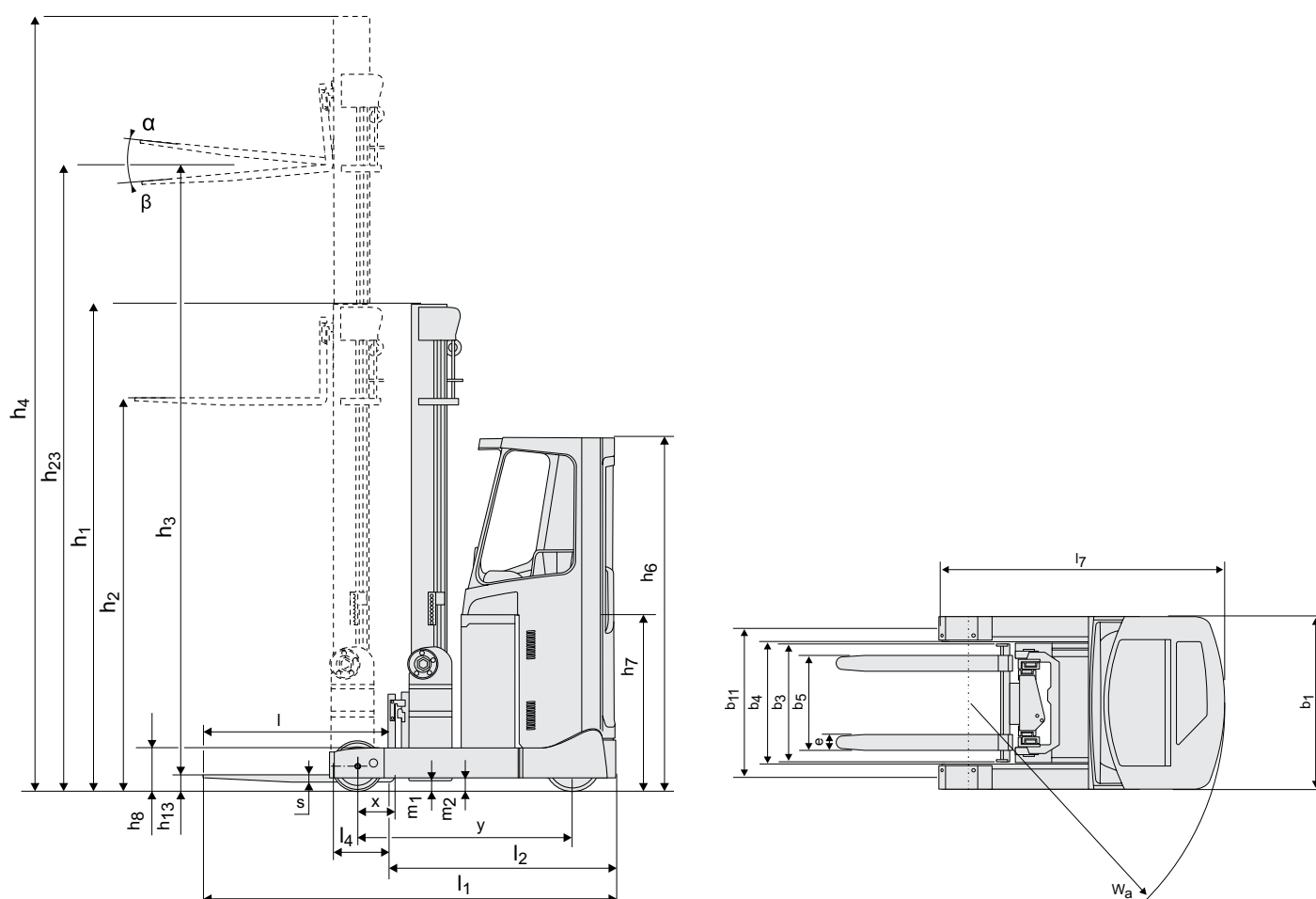
CHARACTERISTICS				
1.1	Manufacturer		CESAB	CESAB
1.2	Model		R320	R325
1.3	Drive		Electric	Electric
1.4	Operator type		Seated	Seated
1.5	Load capacity/rated load	Q [kg]	2000	2500
1.6	Load centre	c [mm]	600	600
1.8	Load distance, centre of support arm wheel to face of forks	x [mm]	441*	335*
1.9	Wheelbase	y [mm]	1515	1575
WEIGHT				
2.1	Service weight including battery	[kg]	4484	4852
2.3	Axle load, mast retracted without load, drive/support arm wheel	[kg]	2791/1693	2920/1932
2.4	Axle load, mast extended with load, drive/support arm wheel	[kg]	942/5543	921/6432
2.5	Axle load, mast retracted with load, drive/support arm wheel	[kg]	2562/3922	2516/4836
WHEELS				
3.1	Drive/support arm wheel	[mm]	Vulkollan	Vulkollan
3.2	Wheel size, front	[mm]	400	400
3.3	Wheel size, rear	[mm]	350	350
3.5	Wheels, number front/rear (x=driven wheels)		1x/2	1x/2
3.7	Track width, rear	b ₁₁ [mm]	1134	1134
DIMENSIONS				
4.1	Tilt of fork, forward/backward	α/β [deg]	4°/-2°*	4°/-2°*
4.2	Height, mast lowered	h ₁ [mm]	2742*	2781*
4.3	Free lift	h ₂ [mm]	1691*	1791*
4.4	Lift	h ₃ [mm]	6260*	6255*
	Lift height	h ₂₃ [mm]	6300*	6300*
4.5	Height, mast extended	h ₄ [mm]	6950*	6891*
4.7	Height of overhead guard (cab)	h ₆ [mm]	2262	2262
4.8	Seat height	h ₇ [mm]	1193	1193
4.10	Height of support arms	h ₈ [mm]	330	330
4.15	Height of lowered forks	h ₁₃ [mm]	40	45
4.19	Overall length	l ₁ [mm]	2549	2715
4.20	Length to face of forks	l ₂ [mm]	1399	1565
4.21	Overall width	b ₁ [mm]	1270	1270
4.22	Fork dimensions	s/e/l [mm]	40/100/1150*	45/125/1150*
4.23	Fork carriage ISO 2328, class/type A, B		II A	II A
4.25	Width over forks	b ₅ [mm]	250-738	250-738
4.26	Distance between support arms	b ₄ [mm]	900*	900*
4.28	Reach distance	l ₄ [mm]	670*	571*
4.31	Ground clearance, with load, below mast	m ₁ [mm]	68	88
4.32	Ground clearance, centre of wheelbase 1)	m ₂ [mm]	77	77
4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st} [mm]	2860	2996
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st} [mm]	2898	3053
4.35	Turning radius	W _a [mm]	1840	1900
4.37	Length across support arms	l ₇ [mm]	2036	2096
PERFORMANCE DATA				
5.1	Travel speed, with/without load	[km/h]	11/11	11/11
5.2	Lift speed, with/without load	[m/s]	0,35/0,70	0,35/0,70
5.3	Lowering speed, with/without load	[m/s]	0,55/0,55	0,55/0,55
5.4	Reach speed, with/without load	[m/s]	0,25/0,25	0,25/0,25
5.8	Max. gradeability, with/without load 2)	[%]	10/15	7/12
5.10	Service brake		Electric	Electric
ELECTRIC MOTOR				
6.1	Drive motor rating S2 60 min	[kW]	9,0	9,0
6.2	Lift motor rating S3 15%	[kW]	15	15
6.4	Battery voltage, nominal capacity K5	[V/Ah]	48/620*	48/775*
6.5	Battery weight	[kg]	940*	1150*
6.6	Energy consumption acc to VDI cycle 3)	[kWh/h]		
OTHER				
8.1	Type of drive control		Variable AC	Variable AC
8.4	Sound level at the driver's ear according to EN 12 053	[dB(A)]	66	66

1) 15 mm under studs 2) Measured according to company standard 3) Contact your supplier for information *) Other alternatives are available

All data are based on table configuration. Other configurations may give other values. Truck performance and dimensions are nominal and subject to tolerances. Products and specifications are subject to change without notice.



CESAB R314 - R318 with Coldstore Cabin Dimensional Drawings



Battery compartments

DIMENSIONS		R314	R316		R318
Battery compartment depth	[mm]	347	347	419	347
4.20 Length to face of forks ***	l_2 [mm]	1387	1387	1459	1399
4.33 Aisle width for pallets 1000x1200 crossways ***	A_{st} [mm]	2794	2803	2859	2848
4.34 Aisle width for pallets 800x1200 lengthways ***	A_{st} [mm]	2866	2870	2936	2894
6.4 Battery voltage, nominal capacity K5	[V/Ah]	48/620	48/620	48/775	48/620
6.5 Battery weight, min.—max.	[kg]	875-1030	875-1235*	875-1235*	875-1030
1.8 Load distance, centre of support arm wheel to face of forks	x [mm]	233	273	201	401

* = Lh 10000 and 10500mm: 1060-1235 kg

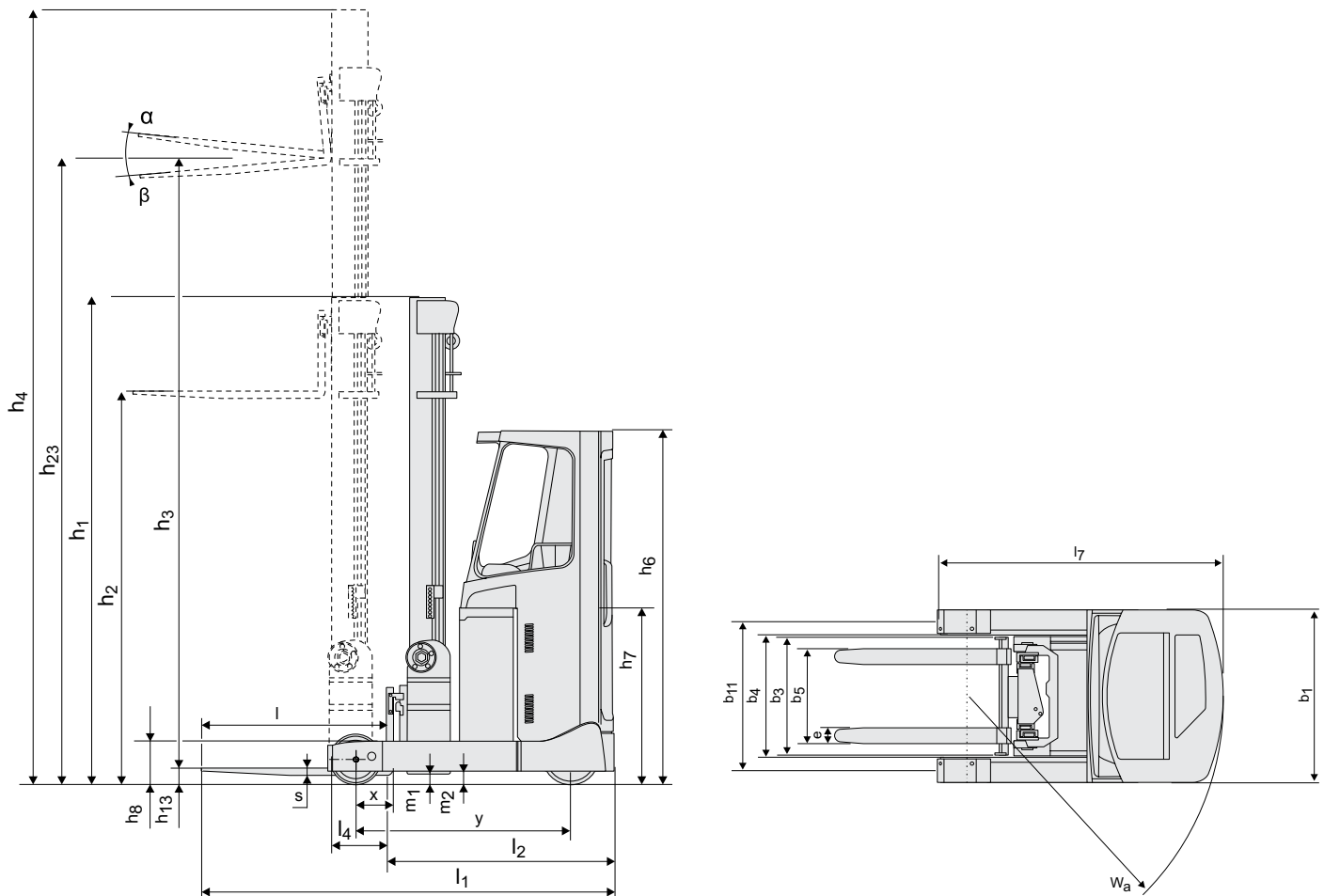
** = Lh 12000 and 12500 mm: 1250-1440 kg

*** = Inclusive sideshift

Mast Specifications

DIMENSIONS		Triplex Freelift															
Lift height	h_{23} [mm]	4400	4600	4800	5400	5700	6300	6750	7000	7150	7500	8000	8500	9000	9500	10000	10500
Lift	h_3 [mm]	4360	4560	4760	5360	5660	6260	6710	6960	7110	7460	7960	8460	8960	9460	9960	10460
R314	Height, mast lowered	h_1 [mm]	2067	—	2200	2400	2500	2742	—	3074	2991	3241	3408	3574	3741	—	—
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	—	2023	1940	2190	2357	2523	2690	—	—
R316	Height, mast extended	h_4 [mm]	5050	—	5450	6050	6350	6950	—	7650	7450	8150	8650	9150	9650	—	—
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	1940	2023	1940	2190	2357	2523	2690	2857	3249
R318	Height, mast lowered	h_1 [mm]	2067	—	2200	2400	2500	2742	2991	3074	2991	3241	3408	3574	3741	3908	4300
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	1940	2023	1940	2190	2357	2523	2690	2857	3416
R318	Height, mast extended	h_4 [mm]	5050	—	5450	6050	6350	6950	7400	7650	7450	8150	8650	9150	9650	10150	10650
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	1940	2023	1940	2190	2357	2523	2690	2857	3416
R318	Height, mast lowered	h_1 [mm]	2067	—	2200	2400	2500	2742	2991	3074	2991	3241	3408	3574	3741	3908	4467
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	1940	2023	1940	2190	2357	2523	2690	2857	3416
R318	Height, mast extended	h_4 [mm]	5050	—	5450	6050	6350	6950	7400	7650	7450	8150	8650	9150	9650	10150	10650
	Free lift	h_2 [mm]	1016	—	1149	1349	1449	1691	1940	2023	1940	2190	2357	2523	2690	2857	3416

CESAB R320 - R325 with Coldstore Cabin Dimensional Drawings



Battery compartments

DIMENSIONS			R320			R325		
Battery compartment depth		[mm]	347	419	491	419	491	
4.20 Length to face of forks ***	l_2	[mm]	1399	1471	1543	1565	1637	
4.33 Aisle width for pallets 1000x1200 crossways ***	A_{st}	[mm]	2860	2911	2964	2996	3050	
4.34 Aisle width for pallets 800x1200 lengthways ***	A_{st}	[mm]	2898	2962	3028	3053	3119	
6.4 Battery voltage, nominal capacity K5		[V/Ah]	48/620	48/775	48/930	48/775	48/930	
6.5 Battery weight, min.—max.		[kg]	1055-1235	1055-1235	1055-1440**	1055-1440	1055-1440**	
1.8 Load distance, centre of support arm wheel to face of forks	x	[mm]	441	369	297	335	263	

* = Lh 10000 and 10500mm: 1060-1235 kg

** = Lh 12000 and 12500 mm: 1250-1440 kg

*** = Inclusive sideshift

Mast Specifications

DIMENSIONS			Triplex Freelift																				
Lift height		h_{23}	[mm]	4600	4800	5400	5700	6300	6750	7000	7150	7500	8000	8500	9000	9500	10000	10500	10800	11000	11500	12000	12500
Lift		h_3	[mm]	4560	4760	5360	5660	6260	6710	6960	7110	7460	7960	8460	8960	9460	9960	10460	10760	10960	11460	11960	12460
R320	Height, mast lowered	h_1	[mm]	2175	2242	2442	2542	2742	2991	3074	2991	3241	3408	3575	3741	3908	4014	4181	4281	—	4514	4681	4848
	Free lift	h_2	[mm]	1124	1191	1391	1491	1691	1940	2023	1940	2190	2357	2523	2690	2857	3025	3191	3291	—	3523	3690	3857
	Height, mast extended	h_4	[mm]	5250	5450	6050	6350	6950	7400	7650	7450	8150	8650	9150	9650	10150	10591	11091	11391	—	12091	12591	13091
R325	Height, mast lowered	h_1	[mm]	—	2281	2481	—	2781	—	3014	—	—	3348	3514	3681	3848	4014	4181	4281	—	4514	4681	4848
	Free lift	h_2	[mm]	—	1291	1491	—	1791	—	2025	—	—	2357	2525	2691	2857	3025	3191	3291	—	3523	3690	3857
	Height, mast extended	h_4	[mm]	—	5391	5981	—	6891	—	7591	—	—	8591	9091	9591	10091	10591	11091	11391	—	12091	12591	13091

The data in this specification sheet was determined based on our standard testing conditions. Operating performance may vary depending on the actual specification and condition of the truck as well as the condition of the operating area. Availability and specifications are determined regionally and are subject to change without notice. Please consult your authorised CESAB dealership for further details. SPEC_R300_EN_2013 / P&B R300 V23 – Copyright CESAB Material Handling Europe.

