

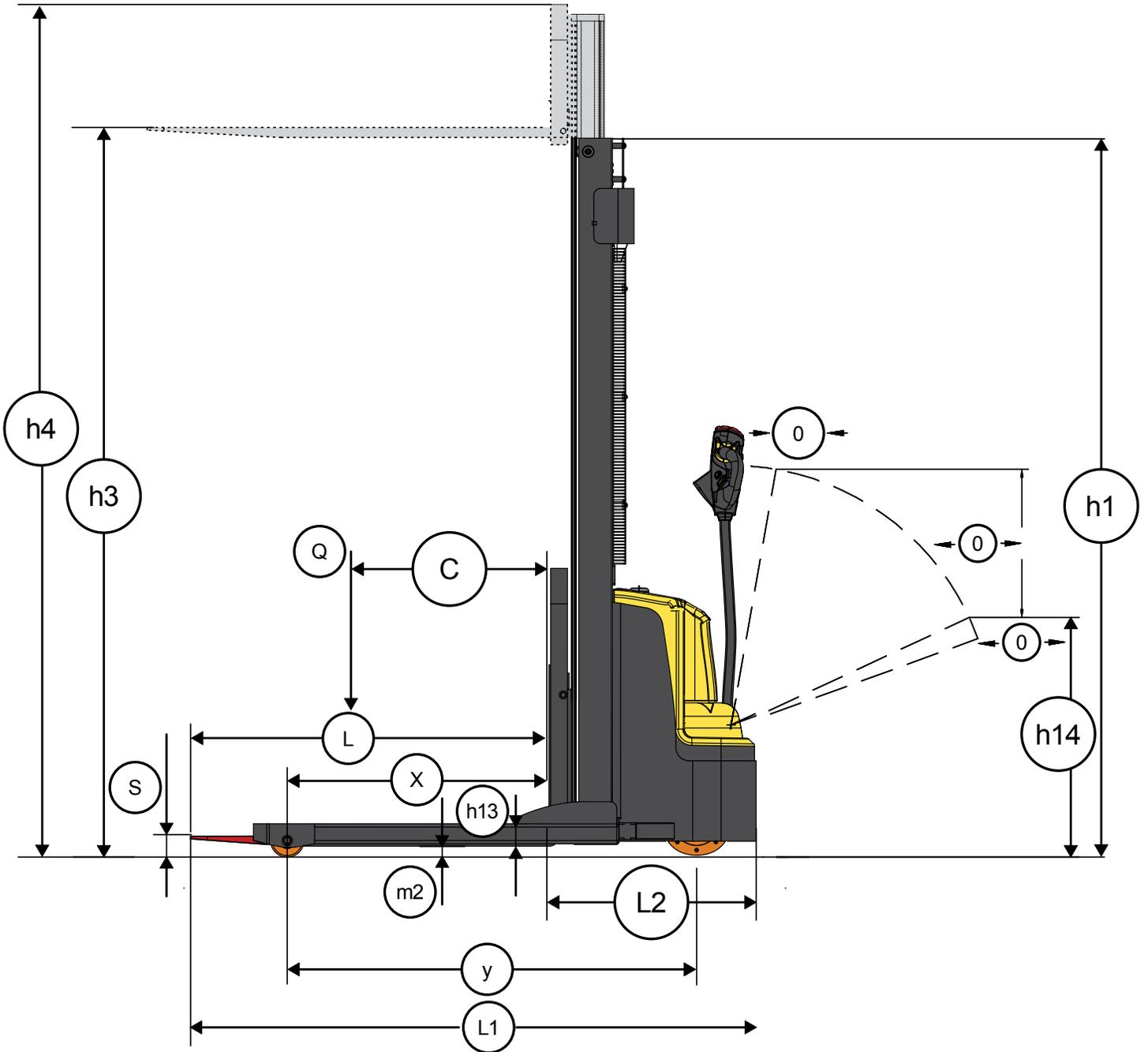
W26-33SUT(L) SERIES



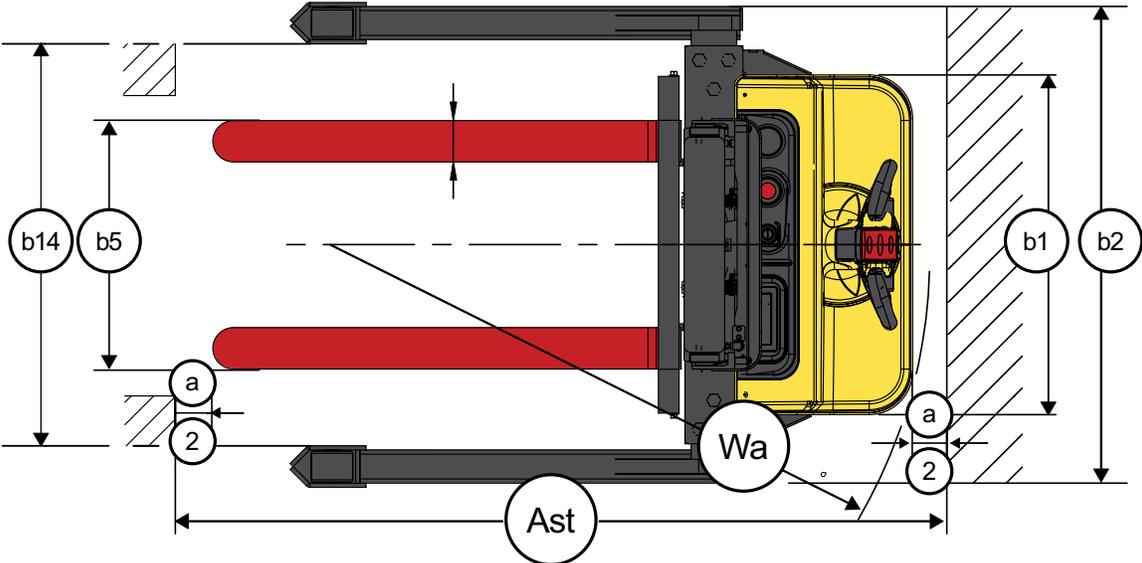
**PEDESTRIAN STRADDLE
LEG STACKER**
Product Technical Guide



W26-33SUT(L) DIMENSIONS



W26-33SUT(L) DIMENSIONS



W26SUT(L) SPECIFICATIONS

	GENERAL			WEIGHT				
	1-1	Manufacturer			Hyster			
1-2	Model designation			W26SUT(L)				
1-3	Drive: electric (battery or mains), diesel, gasoline, LPG			Electric (battery)				
1-4	Operator type: hand, pedestrian, standing, seated, order-picker			Pedestrian				
1-5	Load capacity/rated load	Q	lb (kg)	2600 (1200)				
1-6	Load center distance	c	in (mm)	23.62 (600)				
1-7	Load distance, center of drive axle to fork	x	in (mm)	29.61 (752)				
1-8	Wheelbase	y	in (mm)	49 (1245)				
2-1	Service weight (without battery)		lb (kg)	1276 (580)	1327 (603)	1393 (633)	1463 (665)	1542 (701)
2-2	Service weight (with 60Ah Li-battery)		lb (kg)	1313 (597)	1364 (620)	1430 (650)	1500 (682)	1580 (718)
2-3	Service weight (with 100Ah Li-battery)		lb (kg)	1329 (604)	1379 (627)	1445 (657)	1516 (689)	1595 (725)
2-4	Service weight (with battery 71Ah)		lb (kg)	1378 (626.4)	1429 (649.4)	1495 (679.4)	1565 (711.4)	1644 (747.4)
2-5	Service weight (with battery 89Ah)		lb (kg)	1390 (631.6)	1440 (654.6)	1506 (684.6)	1577 (716.6)	1656 (752.6)
2-6	Axle loading, laden front / rear (98.43 in. lifting height)		lb (kg)	1201 / 2803 (546 / 1274)				
2-7	Axle loading, unladen front / rear (98.43 in. lifting height)		lb (kg)	1023 / 341 (465 / 155)				
3-1	Wheels			Polyurethane				
3-2	Wheel size, front	Ø x width	in (mm)	8.27x2.76 (210x70)				
3-3	Wheel size, rear	Ø x width	in (mm)	3.94x2.52 (100x64)				
3-4	Wheels, number front/rear (x = driven wheels)			1x +0 / 2 or 1x +2 / 2 (with balance wheel)				
3-5	Tread, front (equipped with balance wheel)	b10	in (mm)	26.2 (665.5)				
3-6	Tread, rear	b11	in (mm)	41.73 (1060) / 47.24 (1200) / 52.76 (1340)				
4-1	Lowered mast height	h1	in (mm)	58.27 (1480)	68.11 (1730)	77.95 (1980)	83.86 (2130)	87.8 (2230)
4-2	Lift height	h3	in (mm)	78.74 (2000)	98.43 (2500)	118.11 (3000)	129.92 (3300)	137.8 (3500)
4-3	Extended mast height	h4	in (mm)	110.24 (2800)	129.92 (3300)	149.61 (3800)	161.42 (4100)	169.3 (4300)
4-4	Height of tiller in driving position, min./max.	h14	in (mm)	35.83 / 50 (910 / 1270)				
4-5	Height, lowered	h13	in (mm)	3.15 (80)				
4-6	Overall length (42 in fork length)	l1	in (mm)	67 (1705) [Standard 42" (1070) fork length]				
4-7	Length to face of forks	l2	in (mm)	25 (635)				
4-8	Overall width across chassis	b1	in (mm)	32.28 (820)				
4-9	Overall width across all/outer width straddle	b2	in (mm)	44.7 / 50.2 / 55.7 (1135/1275/1415)				
4-10	Inner width straddle	b14	in (mm)	38.2 / 43.7 / 49.2 (970/1110/1250)				
4-11	Fork dimensions (1.58 x 3.94 x 42 in)	s/e/l	in (mm)	1.58 x 3.94 x 42 (45.3 / 48) (40 X 100 X 1070 (1150/1220))				
4-12	Width over forks (adjustable)	b5	in (mm)	7.87-31.3 (200-795) [Adjustable]				
4-13	Ground clearance, center of wheelbase	m2	in (mm)	1.58 (40)				
4-14	Aisle width for pallets 1000 x 1200 crossways	Ast	in (mm)	90.16 (2290)				
4-15	Aisle width for pallets 800 x 1200 lengthways	Ast	in (mm)	87.28 (2217)				
4-16	Turning radius	Wa	in (mm)	56.6 (1455)				
5-1	Travel speed, with/without load		mph (km/h)	2.49 / 2.8 (4 / 4.5)				
5-2	Lift speed, without load		in/s (mm/s)	0-9.06 (0-230)				
5-3	Lift speed, with load		in/s (mm/s)	0-4.84 (0-123)				
5-4	Lowering speed, without load		in/s (mm/s)	1.02-10.94 (26-278)				
5-5	Lowering speed, with load		in/s (mm/s)	1.1-6.46 (28-164)				
5-6	Max. gradeability, with/without load		%	5/10				
5-7	Service brake			Electromagnetic				
6-1	Drive motor rating S2 60 min		kW	0.75				
6-2	Lift motor rating at S3 15%		kW	2.5				
6-3	Battery voltage/nominal capacity K5 (Li-battery)		V/Ah	24V / 60Ah x 1 / 24V / 100Ah x 1				
6-4	Battery voltage/nominal capacity K5 (Lead-acid battery)		V/Ah	12V / 71Ah x 2 / 12V / 89Ah x 2				
6-5	Battery weight +/- 5% (Li-battery)		lb (kg)	14kg (60Ah) / 24kg (100Ah)				
6-6	Battery weight +/- 5% (Lead-acid battery)		lb (kg)	23.3 x 2 (71Ah) / 25.8 x 2 (89Ah)				
6-7	Energy consumption according to EN 16796		kWh	0.42				
7-1	Type of drive control			DC speed control				
7-2	Sound level at the driver's ear according to EN 12053		dB(A)	<75				

Truck performance and dimensions are nominal and subject to tolerances. Hyster products and specifications are subject to change without notice.

W33SUT(L) SPECIFICATIONS

	GENERAL			WEIGHT					TIRES			DIMENSIONS							PERFORMANCE							ELECTRIC							ADDITION	
	Code	Description	Unit	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value		
1-1	Manufacturer			Hyster																														
1-2	Model designation			W33SUT(L)																														
1-3	Drive: electric (battery or mains), diesel, gasoline, LPG			Electric (battery)																														
1-4	Operator type: hand, pedestrian, standing, seated, order-picker			Pedestrian																														
1-5	Load capacity/rated load	Q	lb (kg)	3300 (1500)																														
1-6	Load center distance	c	in (mm)	23.62 (600)																														
1-7	Load distance, center of drive axle to fork	x	in (mm)	29.61 (752)																														
1-8	Wheelbase	y	in (mm)	49 (1245)																														
2-1	Service weight (without battery)		lb (kg)	1280 (581.6)	1330 (604.6)	1396 (634.6)	1467 (666.6)	1546 (702.6)																										
2-2	Service weight (with 60Ah Li-battery)		lb (kg)	1317 (598.6)	1368 (621.6)	1434 (651.6)	1504 (683.6)	1583 (719.6)																										
2-3	Service weight (with 100Ah Li-battery)		lb (kg)	1332 (605.6)	1383 (628.6)	1449 (658.6)	1519 (690.6)	1599 (726.6)																										
2-4	Service weight (with battery 71Ah)		lb (kg)	1382 (628)	1432 (651)	1498 (681)	1569 (713)	1648 (749)																										
2-5	Service weight (with battery 89Ah)		lb (kg)	1393 (633.2)	1444 (656.2)	1510 (686.2)	1580 (718.2)	1659 (754.2)																										
2-6	Axle loading, laden front / rear (98.43 in. lifting height)		lb (kg)	1401/3267 (636.6 / 1485)																														
2-7	Axle loading, unladen front / rear (98.43 in. lifting height)		lb (kg)	1025/342 (466 / 155.6)																														
3-1	Wheels			Polyurethane																														
3-2	Wheel size, front	Ø x width	in (mm)	8.27x2.76 (210x70)																														
3-3	Wheel size, rear	Ø x width	in (mm)	3.94x2.52 (100x64)																														
3-4	Wheels, number front/rear (x = driven wheels)			1x +0 / 2 or 1x +2 / 2 (with balance wheel)																														
3-5	Tread, front (equipped with balance wheel)	b10	in (mm)	26.2 (665.5)																														
3-6	Tread, rear	b11	in (mm)	41.73 (1060) / 47.24 (1200) / 52.76 (1340)																														
4-1	Lowered mast height	h1	in (mm)	58.27 (1480)	68.11 (1730)	77.95 (1980)	83.86 (2130)	87.8 (2230)																										
4-2	Lift height	h3	in (mm)	78.74 (2000)	98.43 (2500)	118.11 (3000)	129.92 (3300)	137.8 (3500)																										
4-3	Extended mast height	h4	in (mm)	110.24 (2800)	129.92 (3300)	149.61 (3800)	161.42 (4100)	169.3 (4300)																										
4-4	Height of tiller in driving position, min./max.	h14	in (mm)	35.83 / 50 (910 / 1270)																														
4-5	Height, lowered	h13	in (mm)	3.15 (80)																														
4-6	Overall length (42 in fork length)	l1	in (mm)	67 (1705) [Standard 42" (1070) fork length]																														
4-7	Length to face of forks	l2	in (mm)	25 (635)																														
4-8	Overall width across chassis	b1	in (mm)	32.28 (820)																														
4-9	Overall width across all/outer width straddle	b2	in (mm)	44.7 / 50.2 / 55.7 (1135/1275/1415)																														
4-10	Inner width straddle	b14	in (mm)	38.2 / 43.7 / 49.2 (970/1110/1250)																														
4-11	Fork dimensions (1.58 x 3.94 x 42 in)	s/e/l	in (mm)	1.58 x 3.94 x 42 (45.3 / 48) (40 X 100 X 1070 (1150/1220))																														
4-12	Width over forks (adjustable)	b5	in (mm)	7.87-31.3 (200-795) [Adjustable]																														
4-13	Ground clearance, center of wheelbase	m2	in (mm)	1.58 (40)																														
4-14	Aisle width for pallets 1000 x 1200 crossways	Ast	in (mm)	90.16 (2290)																														
4-15	Aisle width for pallets 800 x 1200 lengthways	Ast	in (mm)	87.28 (2217)																														
4-16	Turning radius	Wa	in (mm)	56.6 (1455)																														
5-1	Travel speed, with/without load		mph (km/h)	2.49 / 2.8 (4 / 4.5)																														
5-2	Lift speed, without load		in/s (mm/s)	0-7.28 (0-185)																														
5-3	Lift speed, with load		in/s (mm/s)	0.4 (0-101)																														
5-4	Lowering speed, without load		in/s (mm/s)	0.85-8.2 (21.7-208)																														
5-5	Lowering speed, with load		in/s (mm/s)	1-5.4 (25.6-137)																														
5-6	Max. gradeability, with/without load		%	5/10																														
5-7	Service brake			Electromagnetic																														
6-1	Drive motor rating S2 60 min		kW	0.75																														
6-2	Lift motor rating at S3 15%		kW	2.5																														
6-3	Battery voltage/nominal capacity K5 (Li-battery)		V/Ah	"24V / 60Ah x 1 / 24V / 100Ah x 1"																														
6-4	Battery voltage/nominal capacity K5 (Lead-acid battery)		V/Ah	12V / 71Ah x 2 / 12V / 89Ah x 2																														
6-5	Battery weight +/- 5% (Li-battery)		lb (kg)	14kg (60Ah) / 24kg (100Ah)																														
6-6	Battery weight +/- 5% (Lead-acid battery)		lb (kg)	23.3 x 2 (71Ah) / 25.8 x 2 (89Ah)																														
6-7	Energy consumption according to EN 16796		kWh	0.42																														
7-1	Type of drive control			DC speed control																														
7-2	Sound level at the driver's ear according to EN 12053		dB(A)	<75																														

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W33SUT(L) (3" X 3") SPECIFICATIONS

			Hyster						
			W33SUT(L) (3" x 3")						
GENERAL	1-1	Manufacturer	Hyster						
	1-2	Model designation	W33SUT(L) (3" x 3")						
	1-3	Drive: electric (battery or mains), diesel, gasoline, LPG	Electric (battery)						
	1-4	Operator type: hand, pedestrian, standing, seated, order-picker	Pedestrian						
	1-5	Load capacity/rated load	Q	lb (kg)	3300 (1500)				
	1-6	Load center distance	c	in (mm)	23.62 (600)				
	1-7	Load distance, center of drive axle to fork	x	in (mm)	29.61 (752)				
	1-8	Wheelbase	y	in (mm)	49 (1245)				
WEIGHT	2-1	Service weight (without battery)		lb (kg)	1280 (581.6)	1330 (604.6)	1396 (634.6)	1467 (666.6)	1546 (702.6)
	2-2	Service weight (with 60Ah Li-battery)		lb (kg)	1317 (598.6)	1368 (621.6)	1434 (651.6)	1504 (683.6)	1583 (719.6)
	2-3	Service weight (with 100Ah Li-battery)		lb (kg)	1332 (605.6)	1383 (628.6)	1449 (658.6)	1519 (690.6)	1599 (726.6)
	2-4	Service weight (with battery 71Ah)		lb (kg)	1382 (628)	1432 (651)	1498 (681)	1569 (713)	1648 (749)
	2-5	Service weight (with battery 89Ah)		lb (kg)	1393 (633.2)	1444 (656.2)	1510 (686.2)	1580 (718.2)	1659 (754.2)
	2-6	Axle loading, laden front / rear (98.43 in. lifting height)		lb (kg)	1401/3267 (636.6 / 1485)				
	2-7	Axle loading, unladen front / rear (98.43 in. lifting height)		lb (kg)	1025/342 (466 / 155.6)				
TIRES	3-1	Wheels	Polyurethane						
	3-2	Wheel size, front	Ø x width	in (mm)	8.27x2.76 (210x70)				
	3-3	Wheel size, rear	Ø x width	in (mm)	4.53x1.93 (115x49)				
	3-4	Wheels, number front/rear (x = driven wheels)	1x +0 / 2 or 1x +2 / 4 (with balance wheel)						
	3-5	Tread, front (equipped with balance wheel)	b10	in (mm)	26.2 (665.5)				
	3-6	Tread, rear	b11	in (mm)	41.73 (1060) / 47.24 (1200) / 52.76 (1340)				
	DIMENSIONS	4-1	Lowered mast height	h1	in (mm)	58.27 (1480)	68.11 (1730)	77.95 (1980)	83.86 (2130)
4-2		Lift height	h3	in (mm)	78.74 (2000)	98.43 (2500)	118.11 (3000)	129.92 (3300)	137.8 (3500)
4-3		Extended mast height	h4	in (mm)	110.24 (2800)	129.92 (3300)	149.61 (3800)	161.42 (4100)	169.3 (4300)
4-4		Height of tiller in driving position, min./max.	h14	in (mm)	35.83 / 50 (910 / 1270)				
4-5		Height, lowered	h13	in (mm)	3.15 (80)				
4-6		Overall length (42 in fork length)	l1	in (mm)	67 (1705) [Standard 42" (1070) fork length]				
4-7		Length to face of forks	l2	in (mm)	25 (635)				
4-8		Overall width across chassis	b1	in (mm)	32.28 (820)				
4-9		Overall width across all/outer width straddle	b2	in (mm)	44.7 / 50.2 / 55.7 (1135/1275/1415)				
4-10		Inner width straddle	b14	in (mm)	38.8 / 44.3 / 49.8 (985/1125/1265)				
4-11		Fork dimensions (1.58 x 3.94 x 42 in)	s/e/l	in (mm)	1.58 x 3.94 x 42 (45.3 / 48) (40 X 100 X 1070 (1150/1220))				
4-12		Width over forks (adjustable)	b5	in (mm)	7.87-31.3 (200-795) [Adjustable]				
4-13		Ground clearance, center of wheelbase	m2	in (mm)	1.58 (40)				
4-14		Aisle width for pallets 1000 x 1200 crossways	Ast	in (mm)	90.16 (2290)				
4-15		Aisle width for pallets 800 x 1200 lengthways	Ast	in (mm)	87.28 (2217)				
4-16		Turning radius	Wa	in (mm)	56.6 (1455)				
PERFORMANCE	5-1	Travel speed, with/without load		mph (km/h)	2.49 / 2.8 (4 / 4.5)				
	5-2	Lift speed, without load		in/s (mm/s)	0-7.28 (0-185)				
	5-3	Lift speed, with load		in/s (mm/s)	0.4 (0-101)				
	5-4	Lowering speed, without load		in/s (mm/s)	0.85-8.2 (21.7-208)				
	5-5	Lowering speed, with load		in/s (mm/s)	1-5.4 (25.6-137)				
	5-6	Max. gradeability, with/without load		%	5/10				
	5-7	Service brake			Electromagnetic				
ELECTRIC	6-1	Drive motor rating S2 60 min		kW	0.75				
	6-2	Lift motor rating at S3 15%		kW	2.5				
	6-3	Battery voltage/nominal capacity K5 (Li-battery)		V/Ah	"24V / 60Ah x 1 / 24V / 100Ah x 1				
	6-4	Battery voltage/nominal capacity K5 (Lead-acid battery)		V/Ah	12V / 71Ah x 2 / 12V / 89Ah x 2				
	6-5	Battery weight +/- 5% (Li-battery)		lb (kg)	14kg (60Ah) / 24kg (100Ah)				
	6-6	Battery weight +/- 5% (Lead-acid battery)		lb (kg)	23.3 x 2 (71Ah) / 25.8 x 2 (89Ah)				
	6-7	Energy consumption according to EN 16796		kWh	0.42				
ADDITION	7-1	Type of drive control	DC speed control						
	7-2	Sound level at the driver's ear according to EN 12053		dB(A)	<75				

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FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
24V system with brush motor	x	
Mechanical steering	x	
Proportional speed on lifting/lowering	x	
Standard environmental construction (0-45°C;)	x	
DRIVE	STD	OPT
3.9" x 2.5" single Polyurethane load wheel (REACH)	x	
3.9" x 1.9" single Polyurethane load wheel (REACH) for straddle leg size 3" x 3"		x
8.3" x 3" Polyurethane (REACH) drive wheel	x	
3" x 1.2" double balance wheel		x
LIFT	STD	OPT
2 Stage No Free Lift - 69.7"/98.4"	x	
2 Stage No Free Lift - 59.8"/78.7"		x
2 Stage No Free Lift - 79.5"/118.1"		x
2 Stage No Free Lift - 85"/130"		x
2 Stage No Free Lift - 89"/138"		x
HANDLING	STD	OPT
42.1" Long x 7.9-31.5" forks	x	
45.3" Long x 7.9-31.5" forks		x
2.4" High x 3.5" Wide straddle leg	x	
3" High x 3" Wide straddle leg		x
OPERATION	STD	OPT
Key switch	x	
Keypad with password protection non-CE		x
Remote key: function for remote control lift/lower; 5 traveling speed setting, horn; (non-CE, non-UL)		x
MDI Display - multi-function LCD screen display shows working status, hourmeter, BDI, error code	x	
Two side proportional control knob	x	

VISIBILITY	STD	OPT
Metal wiremesh	x	
Lexan shield		x
ENERGY SYSTEM	STD	OPT
24V/60Ah lithium-ion battery (UL)	x	
On-board charger 24V/30A 100~240V UL (for lithium-ion battery)	x	
On-board charger plug (American Std) type B	x	
24V/71Ah maintenance free lead-acid battery LEOCH (CE & UL)		x
24V/89Ah maintenance free lead-acid battery LEOCH (CE & UL)		x
24V/100Ah lithium-ion battery (UL)		x
1 extra battery		x
On-board charger 24V/10A 100~240V TL POWER (for lead-acid battery) non-CE		x
On-board charger 24V/15A 100~240V UL (For lead-acid battery)		x
On-board charger plug (Japanese Std) type A		x
SPPLEMENTAL	STD	OPT
12 Months / No Hour Limit Full Truck Warranty, 36 Months / 6,000 Hours Powertrain Warranty, Lifetime Frame Warranty; please see full Warranty Statement for additional details.	x	
Operating manual	x	
Parts manual		x



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