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Reminders:
Since our technologies are constantly updated, technical parameters and configurations are subject to change without prior notice. The machinery in the images may include optional attachments. This brochure is for reference only. Specifications are subject to the actual product.



SANY SCP series Lithium Battery-powered Counterbalanced Forklift

SANY Robotics Technology Co., Ltd.

Intelligent Forklift SANY Leads the Way



High Efficiency & Low Carbon

The new generation automotive-grade high-voltage PMSM electric drive system is force-liquid-cooled for sustained powerful performance. It delivers over 20% gradeability and 20% full-load travel speed - outperforming ICE forklifts - with zero emissions and low carbon footprint.

User-Friendly & Cost-Effective

Featuring a new electronic architecture and a high-performance controller with computing power comparable to electric vehicles, it offers millisecond-level response and precise control for superior operation. It has been widely deployed in heavy-duty industries such as ceramics, foundries, paper, and wood panels, with proven reliability in real-world applications. The premium combination of high-voltage lithium batteries, high-voltage PMSM, and advanced electronic controls ensures higher efficiency and lower energy consumption.

Intelligent & Safe

The forklift enables real-time connectivity, remote fault diagnosis, and smart management via SANY's digital platform. Options include driver identification, DMS, 360° view monitoring, and AI vision assistance. Built with automotive-grade safety standards, all high-voltage components are IP67-rated and include real-time insulation monitoring - exceeding conventional electric forklift safety requirements.

Full range of 2-5 tons for all scenarios

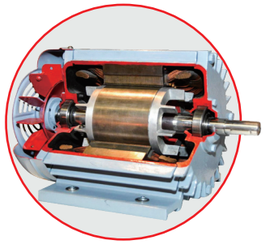
Compared to traditional internal combustion forklifts, it offers significantly higher energy efficiency and easier operation. Against conventional electric forklifts, it delivers broader environmental adaptability and stronger performance, redefining the standard for electric forklift technology.

Outstanding Performance

Perfect integration of new energy vehicle technology with forklifts, fully replacing traditional diesel options.



Automotive-grade VCU
Self-developed dual-core VCU offers powerful computing capabilities with millisecond response time for superior control



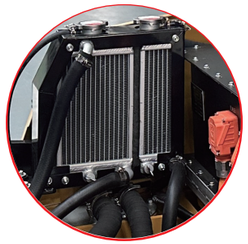
Automotive-grade motor
Permanent magnet synchronous electric drive delivers greater power and performance



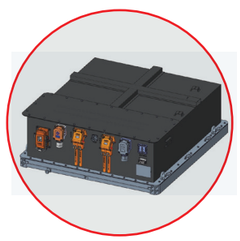
Automotive-grade protection
IP67 for core electric components and IPX4 for the entire forklift



Automotive-grade cable
Neat harness, more reliable and easier maintenance



Automotive-grade water cooling
No fear of high temperature conditions



Automotive-grade integrated lithium battery

High safety
Automotive-grade power cells (lithium iron phosphate) and electrical components, the battery management system can detect and report faults in real time to the instrument and cloud intelligent platform for safe protection.

Fast charging
Adopt national standard charging, compatible with vehicle charging piles for convenient charging. The fast charging mode is suitable for multi-shift operations.

Long service life
Enjoy an ultra-long warranty period of five years or 10,000 service hours for worry-free use.

Strong environmental adaptability
IP67 protection level, allowing operation in rainy and snowy days: standard battery heating function, ensuring normal operation in low temperature environment.

Economy
Lithium batteries, no manual maintenance required: the overall operating cost is low.

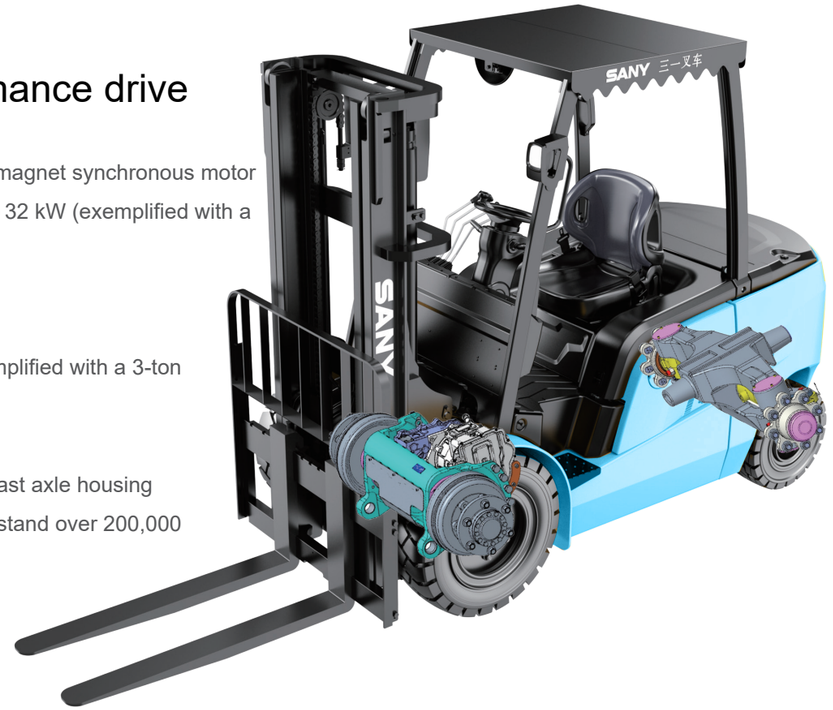
High efficiency
Battery liquid cooling system with low heat loss and high power conversion rate, achieving high-rate discharge and strong power.

High-performance drive

·High-power permanent magnet synchronous motor
Rated motor power up to 32 kW (exemplified with a 3-ton vehicle)

·High-ratio drive axle
Gear ratio up to 50 (exemplified with a 3-ton vehicle)

·Heavy-duty integrated cast axle housing
Rigorously tested to withstand over 200,000 working cycles



Energy Saving and Cost Reduction

10-20% Comprehensive energy saving

30% Save costs compared to traditional electric forklifts




Panel processing


Paper Industry


Express delivery


Ceramics


Port & harbor


Chemical industry


Waste paper baling


Mold & die


Glass


Automotive


Graphite processing


Fireworks production


Home appliances


Feed processing


Forging


Beverage


Logistics


Recycling

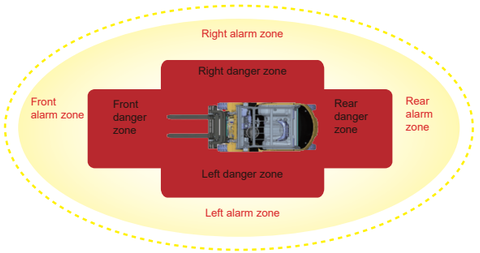

Building materials


Aluminum industry


Cold storage

Safety and reliability

Active safety system (optional):
Detect human movement and anticipate hazards with alerts



High-precision facial recognition system (optional):
Ensure drivers are licensed
Driver dynamic sensing system (optional):
Avoid drowsy driving







Ultra-long warranty, worry-free use:
Warranty period of five years or 10,000 service hours for EIC



Intelligent Service

Intelligent cloud monitoring allows for fleet management, remote fault diagnosis, etc.

Battery management unit

Cloud intelligent monitoring

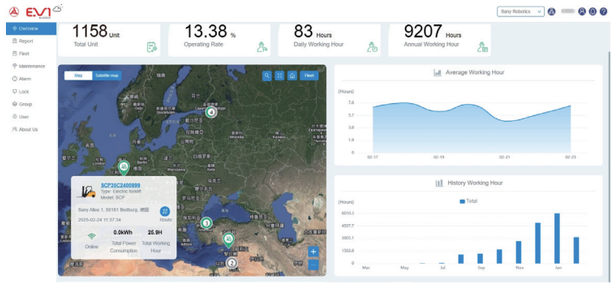
Motorcade intelligence management

Remote fault diagnosis

Various equipment indicators

Standard remote upgrade and locking





Convenient Maintenance

It takes only one minute to reach any part to be maintained. Reasonable component layout ensures all components are within easy reach after the shell is removed, making maintenance more convenient.



Comfort Driving

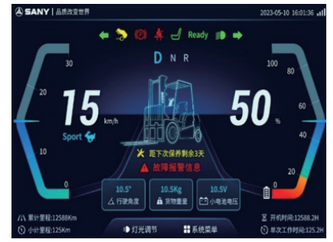
Powerful acceleration, smooth parking, and hill assist make operations easier, more precise, and more efficient.



Industry-leading wide-visibility mast



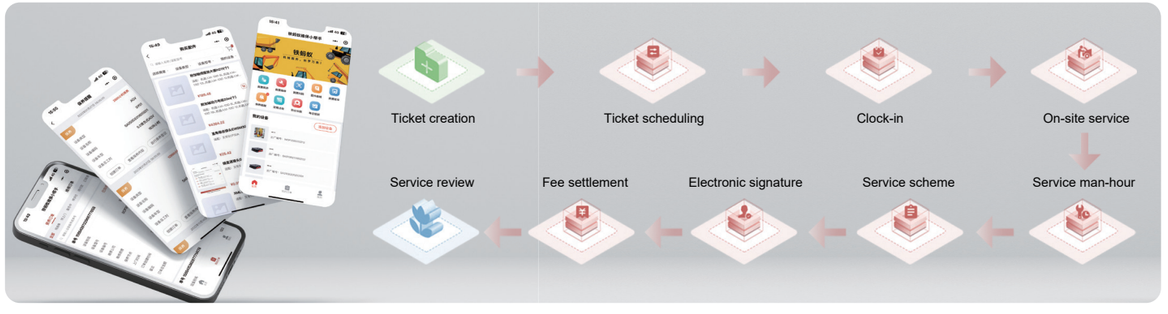
Optional shock-absorbing seats to eliminate fatigue, equipped with OPS switch and seat occupancy sensor

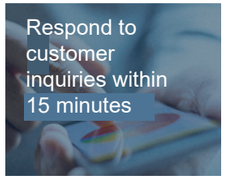


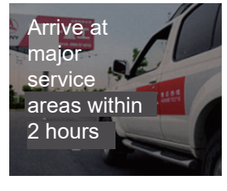
Intelligent instrument with 7-inch large screen (F1/F7/C7) for intuitive and easy operation

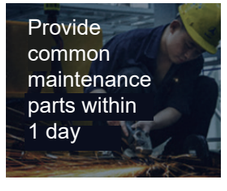
After-Sales Service

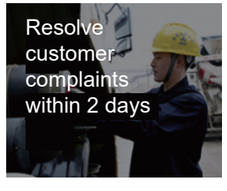
SANY has over 500 service stations nationwide, reaching county-level cities; 100+ "specialized" service personnel; 24/7 hotline service; 365-day emergency response

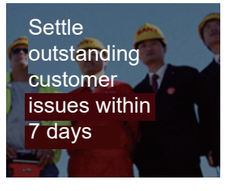




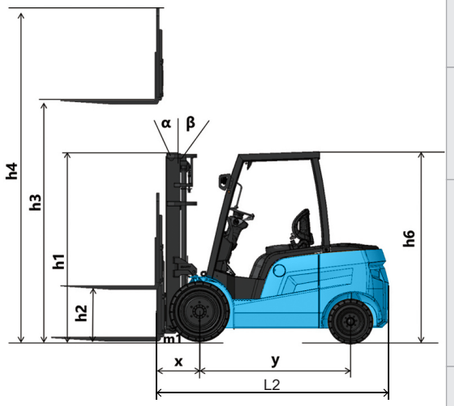








SANY SCP series
Lithium Battery-powered Counterbalanced Forklift



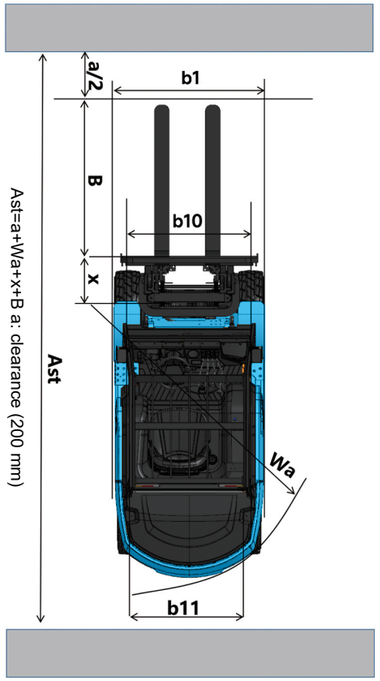


Table of Standard Parameters

Categories		Unit	Parameter			
Overview	Product model	/	SCP20C6	SCP25C6	SCP20G	SCP25G
	Rated loading capacity	Q(kg)	2000	2500	2000	2500
	Load center distance	c(mm)	500	500	500	500
	Front overhang	x(mm)	450	450	460	460
	Wheelbase	y(mm)	1650	1650	1650	1650
Weight	Dead weight	kg	3650	3950	3550	3850
	Axle load front/rear (full load)	kg	4950/700	5650/800	4900/650	5600/750
	Axle load front/rear (no load)	kg	1770/1880	1900/2050	1750/1800	1750/2100
Tire	Tire type	/	Solid tire	Solid tire	Solid tire	Solid tire
	Front tire specifications	/	7.00-12	7.00-12	7.00-12	7.00-12
	Rear tire specifications	/	18*7-8	18*7-8	18*7-8	18*7-8
	Front wheel track	b10(mm)	1040	1040	1040	1040
	Rear wheel track	b11(mm)	980	980	980	980
Dimension	Mast tilting angle (front/rear)	α/ β(°)	6/12	6/12	6/12	6/12
	Height when mast is retracted	h1(mm)	2000	2000	2160	2160
	Full-free lifting height	h2(mm)	120	120	120	120
	Lifting height	h3(mm)	3000	3000	3000	3000
	Maximum height of raised mast	h4(mm)	4100	4100	4100	4100
	Overhead guard height	h6(mm)	2170	2170	2170	2170
	Overall length (to the front end face of forks)	L2(mm)	2400	2400	2410	2410
	Overall width	b1(mm)	1230	1230	1230	1230
	Fork dimensions (thickness/width/length)	s/e/l(mm)	40*122*1070	40*122*1070	40*122*1070	40*122*1070
	Fork spacing	mm	250-1100	250-1100	250-1100	250-1100
	Min. ground clearance at mast	m1(mm)	100	100	120	120
	Min. ground clearance at wheel base	m2(mm)	130	130	130	130
	Stacking aisle (1 m×1.2 m)	Ast(mm)	3930	3930	3940	3940
	Stacking aisle (0.8 m×1.2 m)	Ast(mm)	3730	3730	3740	3740
	Minimum turning radius	Wa(mm)	2090	2090	2090	2090
Performance	Maximum travel speed (full load/no load)	km/h	16/16	16/16	20/20	20/20
	Maximum lifting speed (full load/no load)	mm/s	470/480	470/480	500/550	500/550
	Lowering speed (full load/no load)	mm/s	410/500	410/500	450/460	450/460
	Traction force (full load/no load)	N	13000	13000	15000	15000
	Gradeability (full load/no load)	%	16/20	16/20	20/22	20/20
	Service Brake	/	Hydraulic type	Hydraulic type	Hydraulic type	Hydraulic type
	Parking Brake	/	Mechanical	Mechanical	Mechanical	Mechanical
Motor Battery	Travel motor (S2-60min)	kW	16	16	20	20
	Lifting motor (S3-15%)	kW	21	21	25	25
	Battery voltage / capacity	V/kWh	96/22	96/22	192/19.2	192/19.2
	Battery weight	kg	210	210	190	190
Controller	Travel control mode	-	MOS transistor/AC	MOS transistor/AC	IGBT	IGBT
	Pressure provided to MAST AUXILIARY	Mpa	17	17	17	17

SANY

Table of Standard Parameters

Categories		Unit	Parameter							
Overview	Product model	/	SCP30F1	SCP35F1	SCP30C6	SCP35C6	SCP30C7	SCP35C7	SCP40C6	SCP50C6
	Rated loading capacity	Q(kg)	3000	3500	3000	3500	3000	3500	4000	5000
	Load center distance	c(mm)	500	500	500	500	500	500	500	500
	Front overhang	x(mm)	485	490	500	500	510	510	515	560
	Wheelbase	y(mm)	1750	1750	1750	1750	1750	1750	1850	2000
Weight	Dead weight	kg	4670	5100	4720	5150	5150	5600	5855	7300
	Axle load front/rear (full load)	kg	6700/970	7690/910	6860/860	7740/910	7335/815	8190/910	8675/1180	10800/1500
	Axle load front/rear (no load)	kg	2150/2520	2200/2900	2190/2530	2320/2830	2315/2835	2520/3080	2480/3375	3200/4100
Tire	Tire type	/	Pneumatic tire	Pneumatic tire	Solid tire	Solid tire	Solid tire	Solid tire	Solid tire	Solid tire
	Front tire specifications	/	28*9-15	28*9-15	28*9-15	28*9-15	28*9-15	28*9-15	250-15	28*12.5-15
	Rear tire specifications	/	21*8-9	21*8-9	21*8-9	21*8-9	21*8-9	21*8-9	21*8-9	23*9-10
	Front wheel track	b10(mm)	1020	1020	1020	1020	1020	1020	1050	1200
	Rear wheel track	b11(mm)	1000	1000	1000	1000	1000	1000	1000	1120
Dimension	Mast tilting angle (front/rear)	α/ β(°)	6/12	6/12	6/12	6/12	6/12	6/12	6/10	6/10
	Height when mast is retracted	h1(mm)	2130	2130	2175	2180	2240	2240	2180	2190
	Full-free lifting height	h2(mm)	130	130	120	120	120	120	120	110
	Lifting height	h3(mm)	3000	3000	3000	3000	3000	3000	3000	3000
	Maximum height of raised mast	h4(mm)	4190	4190	4100	4100	4200	4200	4150	4200
	Overhead guard height	h6(mm)	2190	2190	2185	2190	2190	2190	2210	2170
	Overall length (to the front end face of forks)	L2(mm)	2680	2680	2695	2695	2700	2700	2860	3150
	Overall width	b1(mm)	1250	1250	1250	1250	1250	1250	1310	1500
	Fork dimensions (thickness/width/length)	s/e/l(mm)	45*122*1070	50*122*1070	45*122*1070	50*122*1070	45*122*1070	50*122*1070	50*122*1070	50*150*1070
	Fork spacing	mm	247-1100	247-1100	247-1100	247-1100	247-1100	247-1100	247-1100	350-1360
	Min. ground clearance at mast	m1(mm)	130	130	130	130	140	140	120	120
	Min. ground clearance at wheel base	m2(mm)	150	150	150	150	150	150	170	140
	Stacking aisle (1 m×1.2 m)	Ast(mm)	4250	4250	4250	4250	4260	4260	4400	4786
	Stacking aisle (0.8 m×1.2 m)	Ast(mm)	4050	4050	4050	4050	4060	4060	4200	4586
	Minimum turning radius	Wa(mm)	2350	2350	2350	2350	2350	2350	2450	2756
Performance	Maximum travel speed (full load/no load)	km/h	16/16	16/16	20/20	20/20	20/20	20/20	20/20	20/20
	Maximum lifting speed (full load/no load)	mm/s	350/400	350/400	440/460	440/460	440/460	440/460	380/410	450/470
	Lowering speed (full load/no load)	mm/s	420/510	420/510	420/405	420/405	420/405	420/405	430/340	450/480
	Traction force (full load/no load)	N	17300/15800	17300/15800	16800	16800	23400	23400	21000	25000
	Gradeability (full load/no load)	%	16/20	16/20	20/20	20/20	25/25	25/25	20/20	20/20
	Service Brake	/	Hydraulic type	Hydraulic type	Hydraulic type	Hydraulic type	Hydraulic type	Hydraulic type	Hydraulic type	Hydraulic type
	Parking Brake	/	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Motor Battery	Travel motor (S2-60min)	kW	17	17	32	32	32/29	32/29	32	46
	Lifting motor (S3-15%)	kW	25	25	25	25	25/29	25/29	32	46
	Battery voltage / capacity	V/kWh	96/22	96/22	294.4/29.4	294.4/29.4	294.4/29.4	294.4/29.4	288/47	320/52
	Battery weight	kg	210	210	250	250	250	250	325	400
Controller	Travel control mode	-	MOS transistor/AC	MOS transistor/AC	IGBT	IGBT	IGBT	IGBT	IGBT	IGBT
	Pressure provided to MAST AUXILIARY	Mpa	19.5	19.5	19.5	19.5	19.5	19.5	19.5	18

Optional

●Standard configuration ○Optional -Not configured

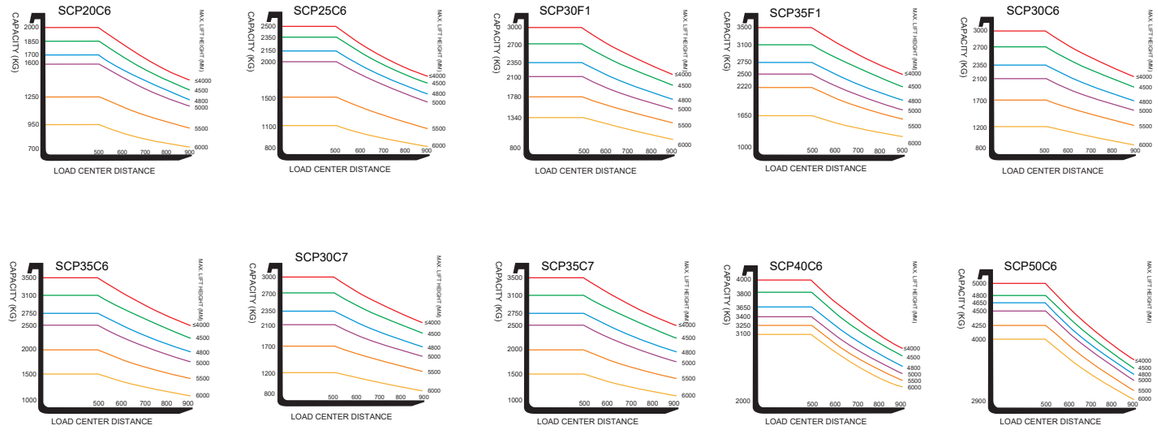
SCP		20/25C6	20/25G	30/35F	30/35C6	30/35C7	40C6	50C6
Tire	Pneumatic tire	○	○	●	○	○	○	○
	Solid tire	●	●	○	●	●	●	●
	Non-marking tire	○	○	○	○	○	○	○
Seat	Domestic standard seat	●	●	●	●	●	●	–
	Domestic suspension seat	○	○	○	○	○	○	●
	GRAMMER suspension seat	○	○	○	○	○	○	○
Control valve	OPS mechanical valve (2-way)	●	●	●	●	●	●	●
	OPS mechanical valve (3-way)	○	○	○	○	○	○	○
	OPS mechanical valve (4-way)	○	○	○	○	○	○	○
	Cross-joystick solenoid valve (2-way)	○	○	○	○	○	○	○
	Cross-joystick solenoid valve (3-way)	○	○	○	○	○	○	○
	Cross-joystick solenoid valve (4-way)	○	○	○	○	○	○	○
	Fingertip-operated solenoid valve (2-way)	○	○	○	○	○	○	○
	Fingertip-operated solenoid valve (3-way)	○	○	○	○	○	○	○
	Fingertip-operated solenoid valve (4-way)	○	○	○	○	○	○	○
Mast	Standard 2-stage 3 m	●	●	●	●	●	●	●
	Standard 2-stage 3.5 m	○	○	○	○	○	○	○
	Standard 2-stage 4 m	○	○	○	○	○	○	○
	Standard 2-stage 4.5 m	○	○	○	○	○	○	○
	Standard 2-stage 5 m	○	○	○	○	○	○	○
	2-stage free-lift 3 m	○	○	○	○	○	○	○
	3-stage free-lift 4.5 m	○	○	○	○	○	○	○
	3-stage free-lift 5 m	○	○	○	○	○	○	○
	3-stage free-lift 5.5 m	○	○	○	○	○	○	○
	3-stage free-lift 6 m	○	○	○	○	○	○	○
Fork	1070mm	●	●	●	●	●	●	●
	No fork	○	○	○	○	○	○	○
	1220mm	○	○	○	○	○	○	○
	1370mm	○	○	○	○	○	○	○
	1520mm	○	○	○	○	○	○	○
	1670mm	○	○	○	○	○	○	○
	1820mm	○	○	○	○	○	○	○
	2000mm	○	○	○	○	○	○	○
Light	Standard lighting (front and rear combination lamp)	●	●	●	●	●	●	●
	Rotating warning light (yellow)	○	○	○	○	○	○	○
	Rotating warning light (blue)	○	○	○	○	○	○	○
	Rear working light	○	○	○	○	○	○	○
	Blue spot light	○	○	○	○	○	○	○
	Boundary warning light strip (blue)	○	○	○	○	○	○	○
	Boundary warning light strip (red)	○	○	○	○	○	○	○
	Rotating audible and visual warning light (yellow)	○	○	○	○	○	○	○
	Fog light	○	○	○	○	○	○	○
Cab	Standard overhead guard	●	●	●	●	●	●	●
	Front windshield + top PC, wiper, sprinkling can + fan	○	○	○	○	○	○	○
	Full can (without A/C)	○	○	○	○	○	○	○
	Full can (without A/C + electric heater)	○	○	○	○	○	○	○
	Full can (heating and cooling A/C)	○	○	○	○	○	○	○

Optional

●Standard configuration ○Optional -Not configured

SCP		20/25C6	20/25G	30/35F	30/35C6	30/35C7	40C6	50C6
Battery	19.2 kWh (192V)	–	●	–	–	–	–	–
	22 kWh (96V)	●	–	●	–	–	–	–
	29.4 kWh (294V)	–	–	–	●	●	–	–
	31 kWh (96V)	–	–	○	–	–	–	–
	43.2 kWh (288V)	–	–	–	○	○	●	–
	52 kWh (320V)	–	–	–	–	–	○	●
	70 kWh (307.2V)	–	–	–	–	–	–	○
Charger	96 V 100 A (380V industrial power)	○	–	○	–	–	–	–
	96 V 100 A (220V industrial power)	○	–	○	–	–	–	–
	96 V 200 A (400V industrial power)	○	–	○	–	–	–	–
	96 V 200 A (220V industrial power)	○	–	○	–	–	–	–
	96 V 200 A (380V industrial power)	○	–	○	–	–	–	–
	20 kW (380V industrial power)	–	○	–	○	○	○	○
	30 kW (480V industrial power)	–	○	–	○	○	○	○
	30 kW (380V industrial power)	–	○	–	○	○	○	○
Pipe	Single additional MAST AUXILIARY pipeline (standard mast)	○	○	○	○	○	○	○
	Double additional MAST AUXILIARY pipeline (standard mast)	○	○	○	○	○	○	○
	Single additional MAST AUXILIARY pipeline (2-stage free-lift mast)	○	○	○	○	○	○	○
	Double additional MAST AUXILIARY pipeline (2-stage free-lift mast)	○	○	○	○	○	○	○
	Single additional MAST AUXILIARY pipeline (3-stage free-lift mast)	○	○	○	○	○	○	○
	Double additional MAST AUXILIARY pipeline (3-stage free-lift mast)	○	○	○	○	○	○	○
MAST AUXILIARY	External side shifter, etc.	○	○	○	○	○	○	○
Intelligent terminal	Remote diagnosis function	●	●	●	●	●	●	●
Intelligent speed limit	Intelligent steering deceleration	●	●	●	●	●	●	●

Load Capacity Diagram



Mast parameters

Mast Type	Mast Model	Maximum Lifting Height	SCP20/25C6						SCP20/25G					
			Capacity (kg) (Load center 500mm)		Mast full height	Maximum mast operating height	Free Lifting height	Mast sloping angle	Capacity (kg) (Load center 500mm)		Mast full height	Maximum mast operating height	Free Lifting height	Mast sloping angle
			2.0t	2.5t		No load backrest/ with load backrest	No load backrest/ with load backrest	Front/rear	2.0t	2.5t		No load backrest/ with load backrest	No load backrest/ with load backrest	Front/rear
		mm	kg	kg	mm	mm	mm	°	kg	kg	mm	mm	mm	°
Stage II wide-view mast	S30	3000	2000	2500	2000	3620/4090	120	6/12	2000	2500	2160	3650/4100	120	6/12
	S35	3500	2000	2500	2250	4120/4590	120	6/12	2000	2500	2380	4150/4600	120	6/12
	S40	4000	2000	2500	2500	4620/5090	120	6/12	2000	2500	2630	4650/5100	120	6/12
	S45	4500	1850	2350	2750	5120/5590	120	6/6	1800	2250	2880	5150/5600	120	6/6
	S50	5000	1700	2200	3000	5620/6090	120	6/6	1550	1980	3130	5650/6100	120	6/6
Second-stage free-lift mast	D30	3000	2000	2500	2050	3620/4090	1450/980	6/12	2000	2500	2180	3690/4110	1448/1025	6/12
Stage III free-lift mast	T45	4500	1850	2300	2050	5120/5590	1450/980	6/6	1670	2100	2220	5300/5700	1408/1013	6/6
	T50	5000	1600	2000	2220	5620/6090	1620/1150	6/6	1400	1790	2390	5800/6200	1578/1183	6/6
	T55	5500	1250	1500	2435	6120/6590	1835/1365	3/3	1150	1450	2605	6300/6700	1793/1398	3/6
	T60	6000	950	1050	2600	6620/7090	2000/1530	3/3	800	1500	2770	6800/7200	1958/1563	3/6

Mast Type	Mast Model	Maxi-mum Lifting Height	SCP30F/35F						SCP30/35C6						SCP30/35C7					
			Capacity (kg) (Load center 500mm)		Mast full height	Maximum mast operating height	Free Lifting height	Mast sloping angle	Capacity (kg) (Load center 500mm)		Mast full height	Maximum mast operating height	Free Lifting height	Mast sloping angle	Capacity (kg) (Load center 500mm)		Mast full height	Maximum mast operating height	Free Lifting height	Mast sloping angle
			3.0t	3.5t		No load backrest/ with load backrest	No load backrest/ with load backrest	Front/rear	3.0t	3.5t		No load backrest/ with load backrest	No load backrest/ with load backrest	Front/rear	3.0t	3.5t		No load backrest/ with load backrest	No load backrest/ with load backrest	Front/rear
		mm	kg	kg	mm	mm	mm	°	kg	kg	mm	mm	mm	°	kg	kg	mm	mm	mm	°
Stage II wide-view mast	S30	3000	3000	3500	2140	3730/4200	125	6/12	3000	3500	2180	3700/4200	120	6/12	3000	3500	2240	3830/4200	120	6/12
	S35	3500	3000	3500	2390	4230/4700	125	6/12	3000	3500	2430	4200/4700	120	6/12	3000	3500	2490	4330/4700	120	6/12
	S40	4000	3000	3500	2740	4730/5200	125	6/10	3000	3500	2680	4700/5200	120	6/12	3000	3500	2740	4830/5200	120	6/10
	S45	4500	2700	3150	2990	5230/5700	125	6/6	2700	3150	2930	5200/5700	120	6/6	2700	3150	2990	5330/5700	120	6/6
	S50	5000	2350	2750	3240	5730/6200	125	6/6	2350	2750	3180	5700/6200	120	6/6	2350	2750	3240	5830/6200	120	6/6
Stage II free-lift mast	D30	3000	3000	3500	2140	3730/4200	1400/930	6/12	3000	3500	2180	3640/4200	1415/1020	6/12	3000	3500	2240	3840/4200	1380/1030	6/12
Stage III free-lift mast	T45	4500	2500	2900	2180	5265/5700	1410/970	6/6	2500	2900	2220	5300/5700	1408/1013	6/6	2500	2900	2200	5320/5700	1360/990	6/6
	T50	5000	2100	2500	2450	5765/6200	1680/1240	6/6	2100	2500	2390	5800/6200	1578/1183	6/6	2100	2500	2470	5830/6210	1630/1260	6/6
	T55	5500	1700	2000	2610	6265/6700	1840/1400	3/6	1700	2000	2605	6300/6700	1793/1398	3/6	1700	2000	2690	6330/6710	1850/1480	3/6
	T60	6000	1200	1500	2830	6765/7200	2060/1620	3/6	1200	1500	2770	6800/7200	1958/1563	3/6	1200	1500	2860	6820/7200	2020/1650	3/6

Mast parameters

Mast Type	Mast Model	Maximum Lifting Height	SCP40C6					SCP50C6					
			Capacity (kg) (Load center 500mm)	Mast full height	Maximum mast operating height	Free Lifting height	Mast sloping angle	Capacity (kg) (Load center 500mm)	Mast full height	Maximum mast operating height	Free Lifting height	Mast sloping angle
			4.0t		No load backrest/ with load backrest	No load backrest/ with load backrest	Front/rear	5.0t		No load backrest/ with load backrest	No load backrest/ with load backrest	Front/rear
		mm	kg	mm	mm	mm	°	kg	mm	mm	mm	°
Stage II wide-view mast	S30	3000	4000	2180	3710/4150	120	6/10	5000	2190	3850/4180	110	6/10
	S35	3500	4000	2430	4210/4650	120	6/10	5000	2440	4350/4680	110	6/10
	S40	4000	4000	2680	4710/5150	120	6/10	5000	2790	4850/5180	110	6/10
	S45	4500	3850	2930	5210/5650	120	6/6	4700	3040	5350/5680	110	6/6
	S50	5000	3500	3180	5710/6150	120	6/6	4600	3290	5850/6180	110	6/6
Second-stage free-lift mast	D30	3000	4000	2180	3710/4150	1470/1030	6/10	5000	2190	3890/4200	1340/1030	6/10
Stage III free-lift mast	T45	4500	3800	2220	5210/5650	1470/1030	6/6	4770	2340	5440/5700	1445/1185	6/6
	T50	5000	3400	2390	5710/6150	1640/1200	6/6	4620	2510	5940/6200	1615/1355	6/6
	T55	5500	3250	2605	6210/6650	1855/1415	3/6	4460	2670	6440/6700	1775/1515	3/6
	T60	6000	3100	2770	6710/7150	2020/1580	3/6	4300	2840	6940/7200	1945/1685	3/6

Mast auxiliary options

External side shifter



Mounting level: 2 A, 3 A
Application: Working conditions requiring fork side shifting

Side shift distance adjuster



Mounting level: 2 A, 3 A
Application: Working conditions requiring fork side shifting and distance adjustment

Rotator



Mounting level: 2 A, 3 A
Application: Working conditions requiring goods flipping and dumping

Single/double pallet fork



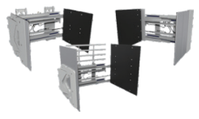
Mounting level: 2 A, 3 A
Application: Used for handling double pallets, mostly in breweries

Paper roll clamp



Mounting level: 2 A, 3 A
Application: Used in paper industry for handling paper rolls

Carton clamp



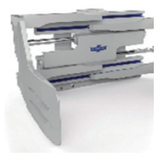
Mounting level: 2 A, 3 A
Application: Used in paper industry for handling cartons

Push-puller/pusher



Mounting level: 2 A, 3 A
Application: Used for handling bagged goods and boxed food

Soft pack clamp



Mounting level: 2 A, 3 A
Application: Used for handling waste recycling materials, waste paper, soft packs, and textiles