

SCP100E | SCP120E | SCP160E
SCP250E | SCP300E | SCP320E
SCP350E

SANY

Quality Changes the World



HIGH LEVEL ON HIGH VOLTAGE

PERFORMANCE, SUSTAINABILITY, INNOVATION



**FULL ELECTRIC
HEAVY-DUTY
FORKLIFTS**

Rated capacity

10t-35t

Drive system

INOVANCE

Battery capacity

90 kWh - 350 kWh

EQUIPMENT FULL ELECTRIC HEAVY-DUTY FORKLIFTS

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- High efficient drive modes
- Less maintenance requirements
- Fast charging with dual gun
- Reduced noise level



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CONFIGURATION

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
Drive motor type	-	INOVA NCE	INOVA NCE	LVKON	LVKON	LVKON	LVKON	LVKON
Drive motor power	kW	105	105	100	130	171	171	171
Pump motor type	-	INOVA NCE	INOVA NCE	LVKON	LVKON	LVKON	LVKON	LVKON
Pump motor power	kW	63	63	75	100	160	160	160
Battery manufacturer	-	CATL	CATL	CATL	CATL	CATL	CATL	CATL
Battery rated voltage	V	521	500	618	618	580	580	580
Battery rated capacity	kWh	90 & 114	114 & 141	141 & 210	282	350	350	350
Drive axle type Tire dimension	-	SANY WF 9.00-20 16PR	SANY WF 10.00-20 16PR	SANY WF 12.00-20 18PR	SANY WF 14.00-24 32PR	SANY WF 16.00-25 32PR	SANY WF 16.00-25 32PR	SANY WF 16.00-25 32PR

PERFORMANCE

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
Rated capacity	t kg	10	12	16	25	30	32	35
Overall weight	mm/	13 500	14 500	23 500	33 500	41 000	42 500	43 800
Lift speed (loaden/unloaden)	s	450 / 500	450 / 500	400 / 450	320 / 350	300 / 350	300 / 350	300 / 350
Lowering speed (loaden/unloaden)	mm/	500 / 450	500 / 450	450 / 430	400 / 400	400 / 400	400 / 400	400 / 400
Travel speed (loaden/unloaden)	s	25 / 25	26 / 26	22 / 24	21 / 23	26 / 28	26 / 28	26 / 28
Gradeability (loaden)	km/h %	27	22	15	18	19	18	17

DIMENSIONS

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
L×W×H Load center L1 Wheel base L2 Overhang front L3	mm	5 724 × 2 408 × 3 435	5 924 × 2 408 × 3 455	8 095 × 2 834 × 3 440	8 828 × 3 108 × 3 783	9 573 × 3 440 × 3 932	9 573 × 3 440 × 3 932	9 573 × 3 440 × 3 932
Overhang rear L4 Ground clearance H2 Seat height above ground H4 Inner turning radius R1 Outer turning radiusR2 Front track width W1 Rear track width W2	mm	2 700 / 745 / 779 / 275 / 1 992 / 325 / 4 000 / 1 728 / 1 960	2 900 / 745 / 779 / 295 / 2 012 / 410 / 4 150 / 1 732 / 1 930	3 750 / 943 / 962 / 305 / 1 997 / 685 / 5 200 / 1 898 / 2 090	4 300 / 1 080 / 1 008 / 337 / 2 315 / 940 / 6 000 / 2 204 / 2 450	4 800 / 1 230 / 1 103 / 320 / 2 395 / 1 052 / 6 650 / 2 472 / 2 450	4 800 / 1 230 / 1 103 / 320 / 2 395 / 1 052 / 6 650 / 2 472 / 2 450	4 800 / 1 230 / 1 103 / 320 / 2 395 / 1 052 / 6 650 / 2 472 / 2 450

MAST

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
Mast height (retracted H5 / extended H1)mm		3 398 / 4 868	3 418 / 4 888	3 754 / 5 704	3 994 / 5 939	4 375 / 6 320	4 375 / 6 320	4 375 / 6 320
Lift height standard H3mm		3 000	3 000	4 000	4 000	4 000	4 000	4 000
Mast tilt (forward/backwards) °		6 / 12	6 / 12	6 / 12	5 / 10	5 / 10	5 / 10	5 / 10

FORKS

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
L×W×H	mm	1 500×200×75	1 500×200×75	2 440×200×100	2 440×250×110	2 440×300×110	2 440×300×125	2 440×300×125
Fork distance (minimum-maximum)	mm	485 ~ 2 245	485 ~ 2 245	674 ~ 2 274	786 ~ 2 776	918 ~ 2 848	918 ~ 2 848	918 ~ 2 848

Not all products are available in all markets. As part of our continuous improvement process, we reserve the right to modify specifications and designs without giving prior notice. The figures may contain additional options.

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