

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
10 t - 35 t
Drive system
INOVANCE
Battery capacity
90 kWh - 350 kWh
Main drive
105 kW - 171 kW

EQUIPMENT **FULL ELECTRIC HEAVY-DUTY FORKLIFTS**

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



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CONFIGURATION

Drive motor type	-	INOVANCE	INOVANCE	LVKON	LVKON	LVKON	LVKON	LVKON
Drive motor power	kW	105	105	100	130	171	171	171
Pump motor type	-	INOVANCE	INOVANCE	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	-	SANY WF	SANY WF	SANY WF	SANY WF	SANY WF	SANY WF	SANY WF
Tire dimension	-	9.00-20 16PR	10.00-20 16PR	12.00-20 18PR	14.00-24 32PR	16.00-25 32PR	16.00-25 32PR	16.00-25 32PR

PERFORMANCE

Rated capacity	t	10	12	16	25	30	32	35
Overall weight	kg	13500	14500	23500	33500	41000	42500	43800
Lift speed (loaden/unloaden)	mm/s	450/500	450/500	400/450	320/350	300/350	300/350	300/350
Lowering speed (loaden/unloaden)	mm/s	500/450	500/450	450/430	400/400	400/400	400/400	400/400
Travel speed (loaden/unloaden)	km/h	25/25	26/26	22/24	21/23	26/28	26/28	26/28
Gradeability (loaden)	%	27	22	15	18	19	18	17

DIMENSIONS

L×W×H	mm	5724×2408×3435	5924×2408×3455	8095×2834×3440	8828×3108×3783	9573×3440×3932	9573×3440×3932	9573×3440×3932
Load center L1	mm	600	600	1200	1200	1200	1200	1200
Wheel base L2	mm	2700	2900	3750	4300	4800	4800	4800
Overhang front L3	mm	745	745	943	1080	1230	1230	1230
Overhang rear L4	mm	779	779	962	1008	1103	1103	1103
Ground clearance H2	mm	275	295	305	337	320	320	320
Seat height above ground H4	mm	1992	2012	1997	2315	2395	2395	2395
Inner turning radius R1	mm	325	410	685	940	1052	1052	1052
Outer turning radius R2	mm	4000	4150	5200	6000	6650	6650	6650
Front track width W1	mm	1728	1732	1898	2204	2472	2472	2472
Rear track width W2	mm	1960	1930	2090	2450	2450	2450	2450

MAST

Mast height (retracted H5 /extended H1)	mm	3398/4868	3418/4888	3754/5704	3994/5939	4375/6320	4375/6320	4375/6320
Lift height standard H3	mm	3000	3000	4000	4000	4000	4000	4000
Mast tilt (forward/backwards)	°	6/12	6/12	6/12	5/10	5/10	5/10	5/10

FORKS

L×W×H	mm	1500×200×75	1500×200×75	2440×200×100	2440×250×110	2440×300×110	2440×300×125	2440×300×125
Fork distance (minimum~maximum)	mm	485~2245	485~2245	674~2274	786~2776	918~2848	918~2848	918~2848

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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