

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



**SCP100E    SCP120E    SCP160E    SCP250E    SCP300E    SCP320E    SCP350E**

## CONFIGURATION

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
Drive motor type	-	INOVANCE	INOVANCE	INOVANCE	INOVANCE	LVKON	LVKON	LVKON
Drive motor power	kW	105	105	100	130	171	171	171
Pump motor type	-	INOVANCE	INOVANCE	INOVANCE	INOVANCE	LVKON	LVKON	LVKON
Pump motor power	kW	63	63	75	160	160	160	160
Battery manufacturer	-	CATL	CATL	CATL	CATL	CATL	CATL	CATL
Battery rated voltage	V	580	500	618	618	580	580	580
Battery rated capacity	kWh	90	141	210	282	350	350	350
Drive axle type	-	SANY	SANY WF	SANY	SANY	Kessler D91	Kessler D91	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

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
Rated capacity	t	10	12	16	25	30	32	35
Overall weight	kg	13500	14700	23000	33500	41000	42500	43800
Lift speed (loaden/unloaden)	mm/s	450/750	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	25/25	22/24	21/23	26/28	26/28	26/28
Gradeability (loaden)	%	27	22	15	18	19	18	17

## DIMENSIONS

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
L×W×H	mm	5724×2408×3435	5924×2408×3455	8094×2824×3754	8828×3108×3994	9225×3440×4360	9235×3440×4360	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	944	1080	1220	1230	1230
Overhang rear L4	mm	779	779	911	1008	1105	1105	1103
Ground clearance H2	mm	275	295	288	340	300	300	320
Seat height above ground H4	mm	1992	2012	1963	2342	2195	2195	2395
Inner turning radius R1	mm	325	410	685	940	780	780	1052
Outer turning radiusR2	mm	4000	4150	5200	6000	6300	6300	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

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
Mast height (retracted H5 /extended H1)	mm	3398/4868	3418/4888	3754/5704	3994/5939	4360 /6305	4360 /6305	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

		SCP100E	SCP120E	SCP160E	SCP250E	SCP300E	SCP320E	SCP350E
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	920~2820	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.

# SANY

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