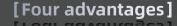






The world's first eight-in-one electric powertrain in the forklift industry



Compared with the mainstream electric forklift truck on the market, energy

consumption is reduced by 15%

The production costs and assembly complexity is reduced, and it is more cost-effective

The body structure is simpler, the maintenance is more convenient, and the whole life cycle maintenance cost is reduced by 30%.

The interface for major electrical components is reduced by 90%, and it is more water resistant and reliable

Main features

Superior performance

- Core electrical components IP67, entire vehicle IPX4;
- Driving speed ≥16km/h, gradeability ≥17%, industry-leading;
- Electric-driven water cooling heat dissipation, continuous and efficient operation.

Safety and reliability

- Active safety system: it can detect people's movement and predict danger alarm in advance (optional);
- High-precision face recognition system to avoid fatigue driving (optional).

Extended warranty

- Three-year or 10,000-hour warranty for battery, motor and controller, achieving worry-free use;
- Five years or 10,000 hours warranty for eight-in-one powertrain (electrical components).

Figure 2 Efficiency improvement

- Self-developed dual-core VCU with super computing power, millisecond response, strong driving control explosiveness;
- Fast chargeable high performance battery, 20%-100% full charge in 1 hour (200A charger);
- Permanent magnet synchronous electric drive, with greater power and stronger dynamic performance.

Energy saving and cost reduction

- Every 2 Sany electric forklift trucks can offset the economic benefits of 3 fuel forklift trucks;
- Non-stop operation, 8-hour work cycle, 24/7 continuous use.

 Cloud intelligent monitoring escort, fleet management, remote fault diagnosis, etc.

Table of Standard Parameters

Class		Unit	SCP30F7	SCP35F7
Overview	Rated loading capacity	Q(kg)	3000	3500
	Center distance of load	c(mm)	500	500
	Front overhang	x(mm)	485	490
	Wheel base	y(mm)	1750	1750
Weight	Dead weight	kg	4670	5100
	Front and rear axle load (full load)	kg	6700/970	7690/910
	Front and rear axle load (no load)	kg	2150/2520	2200/2900
Tire	Type of tyre	/	Solid tyre	Solid tyre
	Front wheel specification	/	28*9-15	28*9-15
	Rear wheel specification	1	21*8-9	21*8-9
	Front wheel track	b10 (mm)	1020	1020
	Rear wheel track	b11 (mm)	1000	1000
Performance	Maximum driving speed (full load/no load)	km/h	16/16	16/16
	Maximum lifting speed (full load/no load)	mm/s	350/400	350/400
	Lowering speed (full load/no load)	mm/s	420/510	420/510
	Tractive effort (full load/no load)	N	17300/15800	17300/15800
	Gradeability (full load/no load)	%	18/20	17/20
	Service brake	1	Hydraulic type	Hydraulic type
	Parking brake	1	Mechanical type	Mechanical type

Class		Unit	SCP30F7	SCP35F7
	Gantry inclination angle (front/rear)	α/β(°)	6/12	6/12
	Height when the gantry is retracted	h1 (mm)	2130	2130
	Height of free lift	h2(mm)	130	130
	Lifting height	h3(mm)	3000	3000
	Maximum lifting height of gantry	h4 (mm)	4190	4190
no	Height of overhead guard	h6(mm)	2190	2190
Dimension	Overall length (to front end face of fork)	L2(mm)	2680	2680
Öİ	Overall width	b1 (mm)	1250	1250
_	Fork size (thickness / width / length)	s/e/l(mm)	45*122*1070	50*122*1070
	Spacing of forks	mm	247-1100	247-1100
	Minimum ground clearance at gantry	m1 (mm)	130	130
	Minimum ground clearance at the center of wheelbase	m2(mm)	150	150
	Stacking channel (0.8m x 1.2m)	Ast (mm)	4050	4050
	Stacking channel (1mx1.2m)	Ast (mm)	4250	4250
	Minimum turning radius	Wa (mm)	2350	2350
Sir.	Traveling motor (S2-60min)	kW	18	18
atte	Lifting motor (S3-15%)	kW	25	25
Motor battery	Battery voltage/power	V/kWh	96/22.1	96/22.1
	Dead weight of battery	kg	210	210
oller	Travel control form	/	AC/MOS tube	AC/MOS tube
Controller	Attachment to provide pressure	Мра	19.5	19.5

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Due to continuous technical updates, technical parameters and configurations are subject to change without notice. The machine in the picture may include additional equipment. This album is for reference only, subject to actual product.





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