

Table of Parameters



		SANY					
Characteristics	1.1 Manufacturer	SANY					
	1.2 Model	SCB20A6	SCB25A6	SCB30A6	SCB15W	SCB20W	
	1.3 Drive mode	Pure electric			Pure electric		
	1.4 Operation mode	Stand-on			Pedestrian-operated		
	1.5 Rated load capacity	Q (kg)	2000	2500	3000	1500	2000
	1.6 Load center distance	c (mm)	600			600	
	1.8 Front overhang (fork lifted/lowered)	x(mm)	965			950	
	1.9 Wheel base	y (mm)	1360			1500	1270
	Weight	2.1 Dead weight	kg	650	660	660	140
2.2 Axle load under full load (drive/load side)		kg	945/1705	1105/2055	1210/2450		
2.3 Axle load under no load (drive/load side)		kg	530/120	535/125	535/125		
Wheels & Body	3.1 Tire	Polyurethane (PU)			Polyurethane (PU)		
	3.2 Tire size (drive side)	Φ250×75			Φ210×75		
	3.3 Tire size (load side)	Φ85×80			Φ80×70		
	3.4 Tire size (auxiliary wheel)	Φ115×50					
	3.5 Number of wheels (drive/load side, x = drive wheel)	1x+2/4			1x/4		
	3.6 Wheel track (drive side)	b ₁₀ (mm)	560				
3.7 Wheel track (load side)	b ₁₁ (mm)	370/505			390/525		
Basic Dimensions	4.4 Lifting height	h ₃ (mm)	120			110	
	4.8 Operator platform height (deployed)	h ₇ (mm)	190				
	4.9 Operating height with tiller at highest position (min/max)	h ₁₄ (mm)	1330/1530			585/1250	
	4.9 Operating height with tiller at lowest position (min/max)	h ₁₄ (mm)	1230/1430				
	4.15 Height of fully lowered fork from ground	h ₁₃ (mm)	85			85	
	4.19 Overall length (incl. forks) (platform folded/deployed)	l ₁ (mm)	1860/2270			1620	
	4.20 Body length (excl. forks) (platform folded/deployed)	l ₂ (mm)	710/1120			470	
	4.21 Body width	b ₁ (mm)	790			550/685	
	4.22 Fork dimensions	s/e/l (mm)	55/180/1150			50/160/1150 ¹⁾	
	4.25 Fork spread	b ₅ (mm)	550/685			550/685	
	4.32 Ground clearance at wheel base center	m ₂ (mm)	30			35	
	4.34 Aisle width, 1000×1200 pallet (across forks)	Ast (mm)	2450			2182	
	4.34 Aisle width, 800×1200 pallet (along forks)	Ast (mm)	2315			2052	
	4.35 Turning radius (platform folded/deployed)	Wa (mm)	1650/2060			1380	
	Performance	5.1 Travel speed (full-load/no-load)	km/h	9.0/10.0			4.2/4.5
5.2 Lifting speed (full-load/no-load)		mm/s	62/75			17/20	
5.3 Lowering speed (full-load/no-load)		mm/s	85/72			40/40	
5.8 Max. gradeability (full-load/no-load)		%	10/16			6/10	
5.10 Service brake	Electromagnetic brake			Electromagnetic brake			
Motor	6.1 Drive motor power (S2 60 min)	kW	2.5			0.75(S2 30min)	0.9(S2 30min)
	6.2 Lift motor power (S3 15%)	kW	2.2	4	4	0.5	
	6.3 Battery	Lithium battery			Lithium battery		
	6.4 Battery voltage/capacity	V/Ah	48/100			24/20 ²⁾	48/15 ³⁾
	6.5 Battery weight (±5%)	kg	95			5.5	8
	6.6 DIN EN 16796 energy consumption	kWh/h	0.5	0.6	0.7		
Others	8.1 Drive control mode	DC speed control					
	10.7 Sound pressure level at the operator's position	dB(A)	< 75			≤70	

Note: SCB15W/SCB20W 1) Optional fork length: 1220 mm; 2) Optional lithium batteries: 24 V 30/40 Ah; 3) Optional lithium batteries: 48 V 20/25 Ah



SCB Series Electric Pallet Truck

Comply with EN ISO3691-1
EN 1175
EN 16307-1

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Due to ongoing technological updates, technical parameters and configuration are subject to change without notice. Images may include optional accessories. This brochure is for reference only; actual product shall prevail.

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SCB20/25/30A6

Industry Breakthroughs Transformative Upgrades

Permanent magnet synchronous motor

Lower energy consumption | Higher efficiency

Integrated electrical architecture

48 V platform electric drive | Integrated motor and electronic control design | More reliable quality

Industry-first ultra-long warranty

VCU | Drive motor and electronic control | 5-year/10000-hour warranty for traction battery



Excellent Adaptability to Complex Conditions

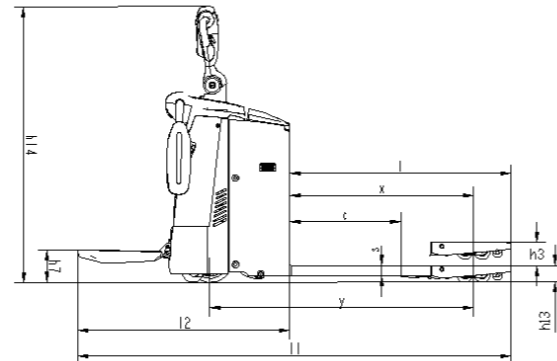
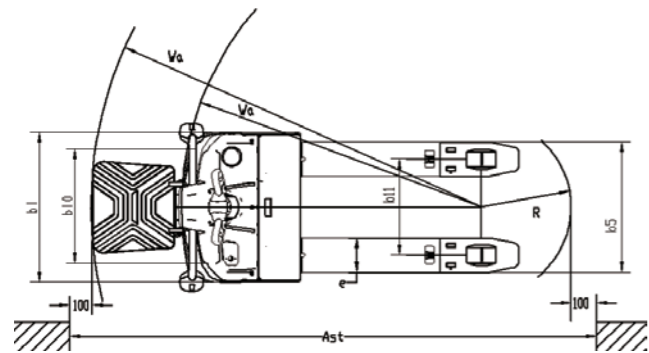
Full-suspension chassis: It ensures smooth passability on various road surfaces while greatly extending tire lifespan;

Efficient Operation

High performance: Travel speed, gradeability, and lifting speed are fully enhanced; Intelligent functions: Point-to-point autonomous driving within facilities is available (optional);

Comfortable Driving Experience

It's equipped with multi-position adjustable tiller handle and arm guard, as well as maintenance-free pedal with mechanical shock absorption.



SCB15W/20W

Perfect Replacement for Manual Pallet Trucks

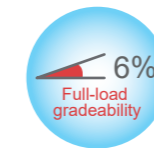
Extended Range with 5-second Quick Swap

Large-capacity battery for prolonged operation; Flexible battery and charger options to suit diverse working conditions.



Multi-function Tiller for Easy Control

It features an intelligent/multi-function tiller that integrates an emergency return button, forward/reverse joystick, horn button, up/down buttons, turtle-speed button, power/fault indicators, and magnetic switch. Robust, stylish, durable, and user-friendly.

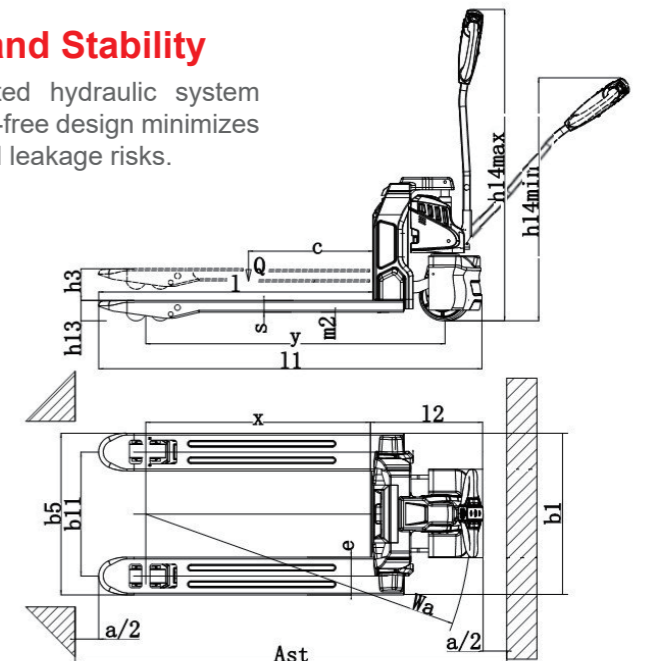


High-power Motor for Robust Drive

0.9 kW motor (0.75 kW for 1.5-ton model) ensures stable output and low energy consumption

Safety and Stability

An integrated hydraulic system with a hose-free design minimizes hydraulic oil leakage risks.



Robust Structure

High-strength steel monocoque structure ensures stability and durability.

