

		Model	WS97-12		
characteristics	1.1	Mast Type		Duplex	
	1.2	Q Capacity	kg	1200	
	1.3	C Load Center	mm	500	
	1.4	Operator Type		Walkie(rider option)	
	1.5	Electric Power Steering (EPS)		Standard Equipped	
specifications	2.1	H Optional Lifting Height	mm	2500/3000/3300/3500/4000	
	2.1	H ₇ Lowered Height of Fork	mm	55	
	2.2	L Overall Fork Width	mm	Adjustable (maximum 660)	
	2.3	B ₁ Standard Fork Length	mm	1070	
	2.4	Fork Thickness	mm	40	
	2.5	E Fork Width	mm	100	
	2.6	Wa Min. Turning Radius	mm	1352/1430 (with fork tilt)	
	2.7	AS Min. Aisle Width	mm	2715/2797 (with fork tilt)	
2.8	H ₆ Min. Ground Clearance	mm	80		
performance	3.1	Max. Traveling Speed	laden	km/h	5
			unladen	km/h	5
	3.2	Max. Lifting Speed	laden	m/s	0.13
			unladen	m/s	0.23
	3.3	Max. Lowering Speed	laden	m/s	0.13
			unladen	m/s	0.23
	3.4	Gradeability	laden	%	5
			unladen	%	7
weight	4.1	Service Weight without Battery (3m/4.5m standard)	kg	1588/1688 (with fork tilt)	
	4.2	Service Weight with Battery (3m/4.5m standard)	kg	1832/1912 (with fork tilt)	
Chassis	5.1	L ₁ Overall Length including Forks	mm	2502/2591 (with fork tilt)	
	5.2	B Overall Width	mm	1015	
	5.3	H ₅ Height of Tiller Arm in Drive Position Min. / Max.	mm	1110/1450	
	5.4	L ₂ Rear Body Length	mm	1432/1521 (with fork tilt)	
	5.5	B ₂ Rear Body Width	mm	827	
	5.6	H ₄ Rear Body Height	mm	780	
	5.7	B ₃ Handle Width	mm	430	
	5.8	H ₂ Mast Extend Height	mm	3500/4000/4300/4500/5000	
	5.9	H ₁ Mast Lower Height(3m/3.3m/3.6m/4m)	mm	1780/2030/2130/2230/2545	
wheel	6.1	Wheel Type (front/rear)		PU	
	6.2	Wheel Quantity		1 Driven wheel, 2 Front wheel	
	6.3	D ₂ Dimension of Driven Wheel	mm	Ø 248 x 75	
	6.4	D ₁ Dimension of Load Wheel	mm	Ø 150 x 100	
	6.6	Y Wheel Base	mm	1179/1289 (with fork tilt)	
	driving system	7.1	Brake Type		Electromagnetic
7.2		Traveling Motor	kw	1.5 AC	
7.3		Lifting Motor	kw	3.0 DC	
7.4		Voltage	v	24v	
7.5		Capacity / Battery Type	Ah	280Ah/industry	
7.6		Maximum Battery Box Size (L x W x H)	mm	608 x 275 x 610	
7.7		Control System		CURTIS 1230/200A	