

		Model	WS91-12		
characteristics	1.1	Mast Type		Duplex & Free Lift	
	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	
	2.1	H ₃ Freelift Height	mm	1270/1520/1620	
	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	W _a Min. Turning Radius	mm	1352	
2.7	AS Min. Aisle Width	mm	2715		
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	1700	
	4.2	Service Weight with Battery (3m/4.5m standard)	kg	1940	
Chassis	5.1	L ₁ Overall Length including Forks	mm	2502	
	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	1421	
	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	3100/3600/3900	
	5.9	H ₁ Mast Lower Height(3m/3.3m/3.6m/4m)	mm	1830/2080/2180	
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	
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	

* Right reserved for technical changes and improvements.