

characteristics		<b>Model</b>		<b>WS96-16</b>	
	1.1	Mast Type		Triplex & Free Lift	
	1.2	Q Capacity	kg	1600	
	1.3	C Load Center	mm	600	
	1.4	Operator Type		Walkie(rider option)	
	1.5	Electric Power Steering (EPS)		Standard Equipped	
specifications	2.1	H Optional Lifting Height	mm	4000/4500/4750/5000	
	2.2	H <sub>3</sub> Freelift Height	mm	1520/1620/1670/1770	
	2.3	H <sub>7</sub> Lowered Height of Fork	mm	55	
	2.4	B <sub>1</sub> Standard Fork Length	mm	1070	
	2.5	L Standard Fork Width	mm	Adjustable (maximum 810)	
	2.7	Wa Min. Turning Radius	mm	1565	
	2.8	AS Min. Aisle Width	mm	2230	
	2.9	H <sub>6</sub> Min. Ground Clearance	mm	50	
	performance	3.1	Max. Traveling Speed	laden	km/h
unladen				km/h	3.5/6.5
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	kg	1394	
	4.2	Service Weight with Battery	kg	1628	
Chassis	5.1	L <sub>1</sub> Overall Length (3m Standard)	mm	2073/2493 (with platform)	
	5.1	L <sub>3</sub> Length from Rear Body to Straddle Leg End	mm	1730	
	5.2	B Fixed Straddle Leg OD	mm	1470	
	5.2	B <sub>4</sub> Fixed Straddle Leg ID	mm	1270	
	5.3	B Straddle Leg OD	mm	1470	
	5.3	B <sub>4</sub> Straddle Leg ID	mm	1320	
	5.4	H <sub>5</sub> Height of Tiller Arm in Drive Position Min. / Max.	mm	1140/1450	
	5.5	L <sub>2</sub> Rear Body Length	mm	885	
	5.5	B <sub>2</sub> Rear Body Width	mm	850	
	5.5	H <sub>4</sub> Rear Body Height	mm	820	
	5.6	B <sub>3</sub> Handle Width	mm	430	
5.7	H <sub>2</sub> Mast Extend Height	mm	4600/5100/5350/5600		
5.8	H <sub>1</sub> Mast Lower Height(3m/3.3m/3.6m/4m)	mm	1900/2085/2135/2235		
wheel	6.1	Wheel Type (front/rear)		PU	
	6.2	Wheel Quantity		1 Driven wheel, 2 Universal wheel, 4 Front wheel	
	6.3	D <sub>2</sub> Dimension of Driven Wheel	mm	Ø 248 x 75	
	6.4	D <sub>1</sub> Dimension of Load Wheel	mm	Ø 84 x 58	
	6.5	D Dimension of Universal Wheel	mm	Ø 115 x 55	
	6.6	Y Wheel Base	mm	1375	
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	24	
	7.5	Capacity / Battery Type	Ah	280Ah/industry	
	7.6	Maximum Battery Box Size (L x W x H)	mm	650 x 248 x 548	
	7.7	Control System		CURTIS 1230/200A	

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