

characteristics		Model		WS36-16	
	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 5300/5500/5800	
	2.2	H ₃	Freelift Height	mm 2074/2134/2234	
	2.3	H ₇	Lowered Height of Fork	mm 55	
	2.4	B ₁	Standard Fork Length	mm 1070	
	2.5	L	Standard Fork Width	mm Adjustable (maximum 810)	
	2.7	Wa	Min. Turning Radius	mm 1630	
	2.8	AS	Min. Aisle Width	mm 2230	
	2.9	H ₆	Min. Ground Clearance	mm 50	
	performance	3.1		Max. Traveling Speed	laden
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 1596	
	4.2		Service Weight with Battery	kg 1830	
Chassis	5.1	L ₁	Overall Length (3m Standard)	mm 2073/2493 (with platform)	
	5.1	L ₃	Length from Rear Body to Straddle Leg End	mm 1730	
	5.2	B	Fixed Straddle Leg OD	mm 1470	
	5.2	B ₄	Fixed Straddle Leg ID	mm 1270	
	5.3	B	Straddle Leg OD	mm 1470	
	5.3	B ₄	Straddle Leg ID	mm 1320	
	5.4	H ₅	Height of Tiller Arm in Drive Position Min. / Max.	mm 1140/1450	
	5.5	L ₂	Rear Body Length	mm 885	
	5.5	B ₂	Rear Body Width	mm 850	
	5.5	H ₄	Rear Body Height	mm 820	
	5.6	B ₃	Handle Width	mm 430	
	5.7	H ₂	Mast Extend Height	mm 5900/6100/6400	
	5.8	H ₁	Mast Lower Height(3m/3.3m/3.6m/4m)	mm 2520/2590/2690	
wheel	6.1		Wheel Type (front/rear)	PU	
	6.2		Wheel Quantity	1 Driven wheel, 2 Universal wheel, 4 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 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	