

characteristics		Model		WS92-16
	1.1		Mast Type	Duplex
	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 2500/3000/3300/3500/4000
	2.2	H ₃	Freelift Height	mm 1520/1620/1670/1770
	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 1565
	2.8	AS	Min. Aisle Width	mm 2230
	2.9	H ₆	Min. Ground Clearance	mm 50
	performance	3.1		Max. Traveling Speed
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 1036
	4.2		Service Weight with Battery	kg 1270
Chassis	5.1	L ₁	Overall Length (3m Standard)	mm 2005/2425 (with platform)
	5.1	L ₃	Length from Rear Body to Straddle Leg End	mm 1690
	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 830
	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 3100/3600/3900/4100/4600
	5.8	H ₁	Mast Lower Height(3m/3.3m/3.6m/4m)	mm 1765/1980/2135/2285/2500
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 1310
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