



General Information	1.1	<b>Manufacturer</b>	Crown Equipment Corporation			
	1.2	<b>Model</b>	WI 2300-1.6			
	1.3	<b>Power</b>	electric			
	1.4	<b>Operator Type</b>	pedestrian			
	1.5	<b>Load Capacity *</b>	Q	t	1.6 / 2.0	
	1.6	<b>Load Centre</b>	c	mm	600	
	1.8	<b>Load Distance **</b>	initial lift raised	x	mm	858
	1.9	<b>Wheel Base **</b>	initial lift raised	y	mm	1562
	Weights	2.1	<b>Weight</b>	less battery		kg
2.2		<b>Axle Load</b>	w. load, front / rear		kg	see table 1
2.3		<b>Axle Load</b>	w.o. load, front / rear		kg	see table 1
Tyres	3.1	<b>Tyre Type</b>	Vulkollan			
	3.2	<b>Wheel Size</b>	front		mm	Ø 254 x 85
	3.3	<b>Wheel Size</b>	rear		mm	Ø 82 x 64
	3.4	<b>Additional Wheels</b>	castor wheel		mm	Ø 125 x 50
	3.5	<b>Wheels</b>	number (x=driven) front/rear			1x + 1/4
	3.6	<b>Track Width</b>	front	b10	mm	587
	3.7	<b>Track Width</b>	rear	b11	mm	382
Dimensions	4.2	<b>Mast</b>	collapsed height	h1	mm	see table 1
	4.3	<b>Free Lift</b>		h2	mm	see table 1
	4.4	<b>Lift Height</b>		h3	mm	see table 1
	4.5	<b>Mast</b>	extended height	h4	mm	see table 1
	4.6	<b>Initial Lift ***</b>		h5	mm	120
	4.9	<b>Tiller Arm Height</b>	in drive position min./max.	h14	mm	780 / 1220
	4.15	<b>Fork Height</b>	lowered	h13	mm	90
	4.19	<b>Overall Length ****</b>		l1	mm	2021
	4.20	<b>Headlength ****</b>		l2	mm	871
	4.21	<b>Overall Width</b>		b1/b2	mm	850
	4.22	<b>Fork Dimension</b>		thxwxl	mm	50 x 190 x 1150
	4.24	<b>Fork Carriage Width</b>		b3	mm	680
	4.25	<b>Width Across Forks</b>		b5	mm	570
	4.32	<b>Ground Clearance</b>	centre wheelbase	m2	mm	22
	4.34	<b>Working Aisle Width</b>	800 x 1200 mm length, initial lift raised	Ast	mm	2473
4.35	<b>Turning Radius **</b>	initial lift raised	Wa	mm	1747	
Performance	5.1	<b>Travel Speed</b>	w. / w.o. load		km/h	5.3 / 6.0
	5.2	<b>Lift Speed</b>	w. / w.o. load		m/s	0.14 / 0.22
	5.3	<b>Lowering Speed</b>	w. / w.o. load		m/s	0.36 / 0.20
	5.8	<b>Max. Gradeability</b>	w. / w.o. load, 5 min. rating		%	8 / 17
	5.10	<b>Service Brake</b>				electro-magnetic
Motors	6.1	<b>Traction Motor</b>	60 min. rating		kW	1.5
	6.2	<b>Lift Motor</b>	15% on time		kW	3.0
	6.3	<b>Max. Battery Box Size</b>	DIN 43535 / A	lxwxh	mm	216 x 827 x 627
	6.4	<b>Battery Voltage</b>	nominal capacity 5h rating		V / Ah	24 / 345-375
	6.5	<b>Battery Weight</b>			kg	307
8.1	<b>Type Controller</b>	drive			transistor	

\* Capacity as Stacker or Double Stacker / Pallet Truck

\*\*\* Initial lift automatically lowers when forks lifted 1.7 m

\*\* Initial lift lowered +75 mm

\*\*\*\* TT-mast -26 mm

Table 1

				WI 2300-1.6														
				TL					TF					TT				
2.1	<b>Weight</b>	less battery	kg	1120	1140	1165	1185	1215	1120	1140	1165	1185	1215	1205	1235	1260	1295	1315
2.2	<b>Axle Load</b>	w. load, front	kg	1359	1369	1382	1392	1402	1359	1369	1382	1392	1402	1401	1416	1429	1447	1452
		w. load, rear	kg	1669	1679	1692	1702	1711	1669	1679	1692	1702	1711	1712	1727	1740	1757	1761
2.3	<b>Axle Load</b>	w.o. load, front	kg	1026	1044	1067	1085	1112	1026	1044	1067	1085	1112	1102	1129	1152	1184	1202
		w.o. load, rear	kg	402	404	406	408	411	402	404	406	408	411	411	414	416	419	421
4.2	<b>Mast</b>	collapsed height	h1 mm	1980	2130	2280	2430	2630	1980	2130	2280	2430	2630	1725	1860	1980	2130	2235
4.3	<b>Free Lift</b>		h2 mm	150					1570	1720	1870	2020	2220	1315	1450	1570	1720	1825
4.4	<b>Lift Height</b>		h3 mm	<b>3000</b>	<b>3300</b>	<b>3600</b>	<b>3900</b>	<b>4300</b>	<b>3000</b>	<b>3300</b>	<b>3600</b>	<b>3900</b>	<b>4300</b>	<b>3700</b>	<b>4100</b>	<b>4465</b>	<b>4915</b>	<b>5230</b>
4.5	<b>Mast</b>	extended height	h4 mm	3430	3730	4030	4330	4730	3430	3730	4030	4330	4730	4130	4530	4895	5345	5660