



# Technical Data

No	Feature	Ref.	Description	Units	Value
1	Manufacturer		Narrow Aisle, Inc.		
2	Model		Flexi AC HILOAD 1350		
3	Capacity (Mast Vertical)			lbs	5,500 @ 24" LC @ 130" MLH
4	Load Center			in	24
5	Motive Power		Electric	V	48
6	Operator Position		Seated		Forward Facing
7	Tires		Cushion Rubber	4	
8	Lift Height (standard)	h3		in	197 Heavy Duty Sections
9	Full Free Lift (Triplex)			in	68
10	Derate Capacity			lbs	3,960
11	Fork Thickness			in	1.5
12	Fork Width			in	5
13	Fork Length (standard)	L		in	39
14	Fork Spacing (minimum)	B3		in	10.5
15	Fork Spacing (maximum)	B3		in	32
16	Mast Tilt Angle (forward/backward)			deg	2.5
17	Overall Length	L1	To face of fork	in	104
18	Truck Width (rear chassis)	B		in	51
19	Height of Mast - Lowered	h1		in	90.5
20	Height of Mast - Raised	h4		in	198
21	Seat Height	h7		in	47
22	Overhead Guard Height	h6		in	89
23	Stacking Aisle Width		42" X 48" standard pallet	in	84
24	Travel Speed		Laden/Unladen	mph	TBA
25	Lift Speed		Laden/Unladen	in/sec	14/18
26	Lowering Speed		Laden/Unladen	in/sec	16/14
27	Drawbar Pull		Maximum	N	
28	Gradeability		Laden	%	15
29	Gradeability		Unladen	%	16
30	Weight of Truck		Unladen including battery	lbs	17,200
31	Wheel Load - Laden		Maximum	lbs	8,150
32	Wheel Load - Unladen		Maximum	lbs	5,750
33	Number of wheels		Front/rear		2*2
34	Front Tire Size		Diameter x Width	in	16 1/4 X 7
35	Rear Tire Size		Diameter x Width	in	18 X 7
36	Wheelbase	y		in	66.5
37	Track Width - front/rear	B1/B		in	44/53
38	Laden Ground Clearance	m	Under Drive	in	3
39	Laden Ground Clearance	m	At wheelbase center	in	4.5
40	Service Foot Brake (front/rear)		Hydraulic Drum/Regen Motor		
41	Parking Hand Brake (rear)		Mechanical Drum		
42	Traction Motor		48 volt	kw	19.6
43	Power Steering Motor		48 volt	kw	1.8
44	Hydraulic Motor		48 volt	kw	11
45	Battery Type		Lead Acid	1	
46	Battery Voltage			v	48
47	Battery Capacity (maximum)			Ah	875
48	Battery Weight (minimum)			lbs	3,445
49	Truck Control System		Zapi AC Gen. 3		
50	Speed Control		Forward/reverse		Infinitely variable
51	Handbrake		Laden/Unladen	%	13/20
52	Service Brake		Laden/Unladen	%	15/22

\* Narrow Aisle, Inc. reserves the right to change specifications without prior notice