

Standard Specification Sheet

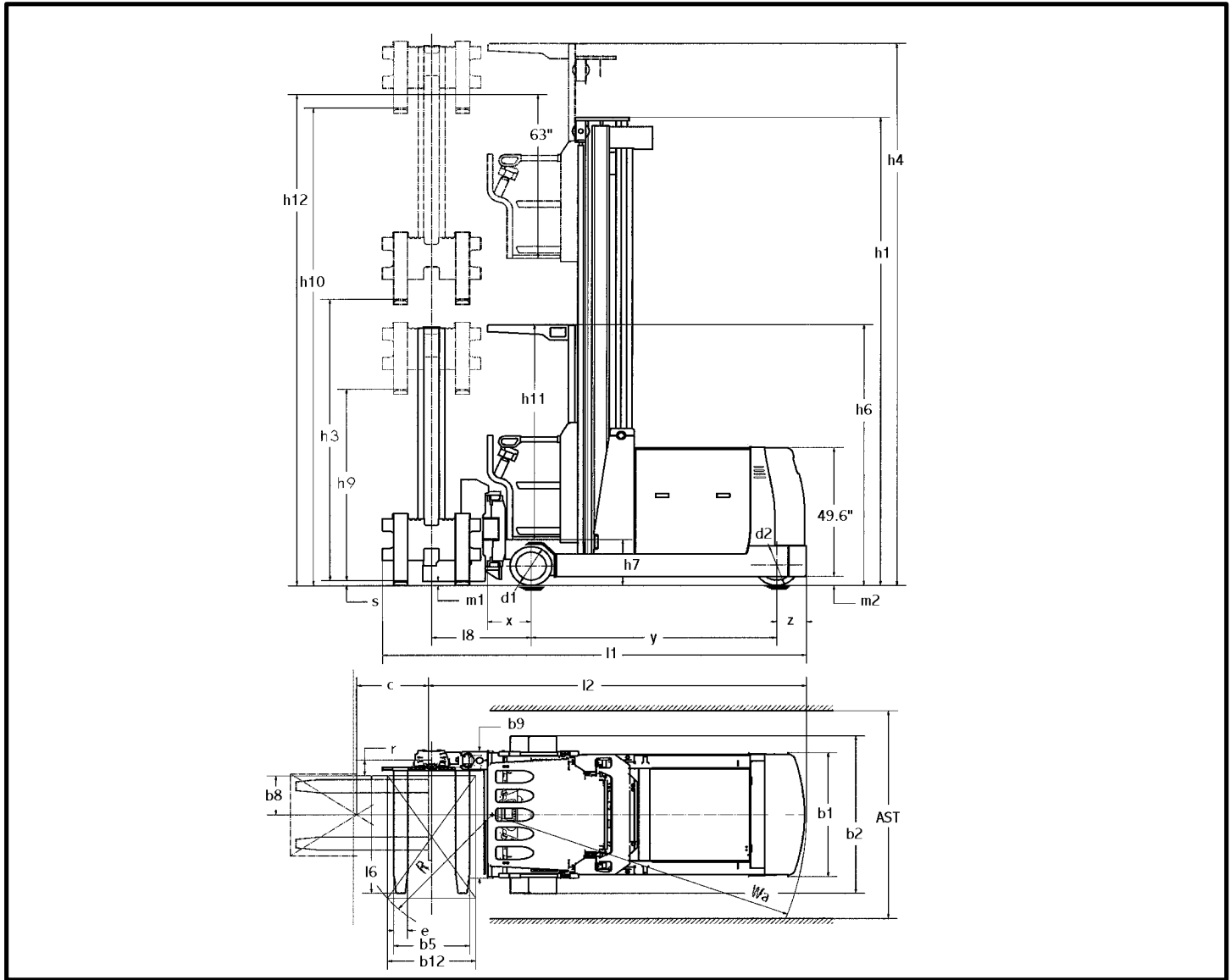
STEINBOCK/BOSS

WA 13/15 - 2,640 / 3,300 Lbs. Capacity

Warehouse Systems

VNA Turret Truck

Lift Heights to 540"



Mast Selection Guide TWO STAGE * Special Sizes - Upon Request * THREE STAGE (Lifts through 540" available)

* Secondary Lift Mast Height of 68.9" included in total lift (h3) for each mast

WA 13 available with lift heights to 364" / WA 15-19 (short body) available to 452" / WA 15-22 (long body) available to 540" lift

Lift Height h3	Lowered Ht. h1	Extended h4	Order Picking	Lift Height h3	Lowered h1	Ext h4	Free Lift h2	Order Picking
206.7 "	116.3 "	238.2 "	219.3 "	246.1 "	106.1 "	277.6 "	5.7 "	258.7 "
226.4 "	126.2 "	257.9 "	239.0 "	265.7 "	114.0 "	297.2 "	13.6 "	278.3 "
246.1 "	136.0 "	277.6 "	258.7 "	285.4 "	121.8 "	316.9 "	21.5 "	298.0 "
265.7 "	145.9 "	297.2 "	278.3 "	305.1 "	129.7 "	336.6 "	29.3 "	317.7 "
285.4 "	155.7 "	316.9 "	298.0 "	324.8 "	137.6 "	356.3 "	37.2 "	337.4 "
305.1 "	165.6 "	336.6 "	317.7 "	344.5 "	145.5 "	376.0 "	45.1 "	357.1 "
324.8 "	175.4 "	356.3 "	337.4 "	364.2 "	153.3 "	395.7 "	53.0 "	376.8 "
344.5 "	189.2 "	376.0 "	357.1 "	383.9 "	161.2 "	415.4 "	60.8 "	396.5 "
364.2 "	199.0 "	395.7 "	376.8 "	403.5 "	169.1 "	435.0 "	68.7 "	416.1 "
383.9 "	208.9 "	415.4 "	396.5 "	423.2 "	177.0 "	454.7 "	76.6 "	435.8 "
403.5 "	222.6 "	435.0 "	416.1 "	442.9 "	184.8 "	474.4 "	84.4 "	455.5 "
423.2 "	232.5 "	454.7 "	435.8 "	462.6 "	190.7 "	494.1 "	90.3 "	475.2 "
442.9 "	242.3 "	474.4 "	455.5 "	502.0 "	204.5 "	533.5 "	104.1 "	514.6 "
462.6 "	252.2 "	494.1 "	475.2 "	541.3 "	218.3 "	572.8 "	117.9 "	554.0 "

REF.	DESCRIPTION	DIAGRAM SYMBOLS	TRUCK DATA		
1	Manufacturer		STEINBOCK	STEINBOCK	STEINBOCK
2	Model Description		WA13-17125	WA15-19135	WA15-22150
3	Rated Capacity - lateral stacking		2,640 lbs.	3,300 lbs.	3,300 lbs.
4	Capacity forks forward to 67"		2,640 lbs.	3,300 lbs.	3,300 lbs.
5	Load center - rated capacity		24 "	24 "	24 "
6	Aisle Width - insertion depth (48")		57 " (40)	66 " (48)	67 " (48)
7	Truck width - overall - head (std)	Ast	49 "	58 "	59 "
8	Width fork face to back of head	L4			
9	Width over load wheels	b2	49 "	53 "	59 "
10	Standard lift height - Two Stage	h3	207 "	305 "	423 "
11	Free Lift - Two Stage	h5		--	
12	Standard mast height - lowered	h1		165 "	
13	Standard mast height - raised	h4		336 "	
14	Height of Overhead guard	h6		100 "	
15	Platform height:	h7		19 "	
16	Cabin Clear height	h11		80 "	
17	Fork dimensions			2" x 5"	
18	Fork length	l		to suit	
19	Fork spacing - min / max (std)			10" - 34"	
20	Auxiliary Lift			69 "	
21	Cabin Depth			22 "	
22	Travel speed - fully loaded / empty			6.2/6.5 MPH	
23	Lift speed - fully loaded / empty		79/88 FPM	83/93 FPM	83/93 FPM
24	Lowering speed - fully loaded / empty			79/79 FPM	
25	Truck length - with load 40" W * 3 stage add 1.2"	l1	134 "	138 "	149 "
26	Drive axle centerline to front traverse rack	x		4 "	
27	Wheelbase	y	72"	76 "	87 "
28	Drive wheel center to truck rear	z	12 "	12 "	
29	Outer turning radius	Wa	81 "	87 "	98 "
30	Loaded ground clearance - at wheelbase center	m2		3.3 "	
31	Wheels - front/rear - driven*			2 / 1*	
32	Front tire material / size	d1	Polyurethane	15.0" x 7.6"	
33	Rear tire material / size	d2	Polyurethane	16.0" x 6.3"	
34	Weight - unloaded including battery (approx)		14,740 lbs.	16,500 lbs.	19,580 lbs.
35	Operator position		Seated forward facing / Standing		
36	Motive power		Electric		
37	Truck control systems - traction and hydraulics		MOS-FET AC Pulse Control		
38	Speed control - forward / reverse		Infinitely variable		
39	Steering type		Electronic full power		
40	Service brakes		Electric regenerative 'retarder' and plug braking		
41	Safety and parking brakes		Electro-magnetic / Dead Man type		
42	Traction motor rating 1 hr		7.0 KW		
43	Hydraulic pump motor rating 15% E.D.		21.0 KW		
44	Power steering motor rating 50% E.D.		0.7 KW		
45	Battery type		Lead Acid		
46	Battery voltage		72 Volt		
47	Battery capacity 5 hr. discharge		360 AH	500 AH	800 AH (to 1,000 AH)
48	Battery weight (included in total weight above)		2,800 lbs.	3,400 lbs.	4,850 lbs.
49	Drive unit type (vertical top mounted motor)		Spur and spiral bevel in oil bath		
50	Stability factor - conforms to:		ANSI/FEM/EEC/BITA/DIN/ ISO 9001		

**STEINBOCK/BOSS &
PROFESSIONAL MATERIALS HANDLING CO. INC.
Qualified partners for over 25 years.**

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4203 Landmark Drive Orlando, FL 32817

Phone: (407) 677-0040 Fax: (407) 678-0273

* Some dimensions are rounded to next nearest inch. PMH will confirm aisle sizes to suit individual needs. Specifications subject to change without notice!