

Standard Specification Sheet

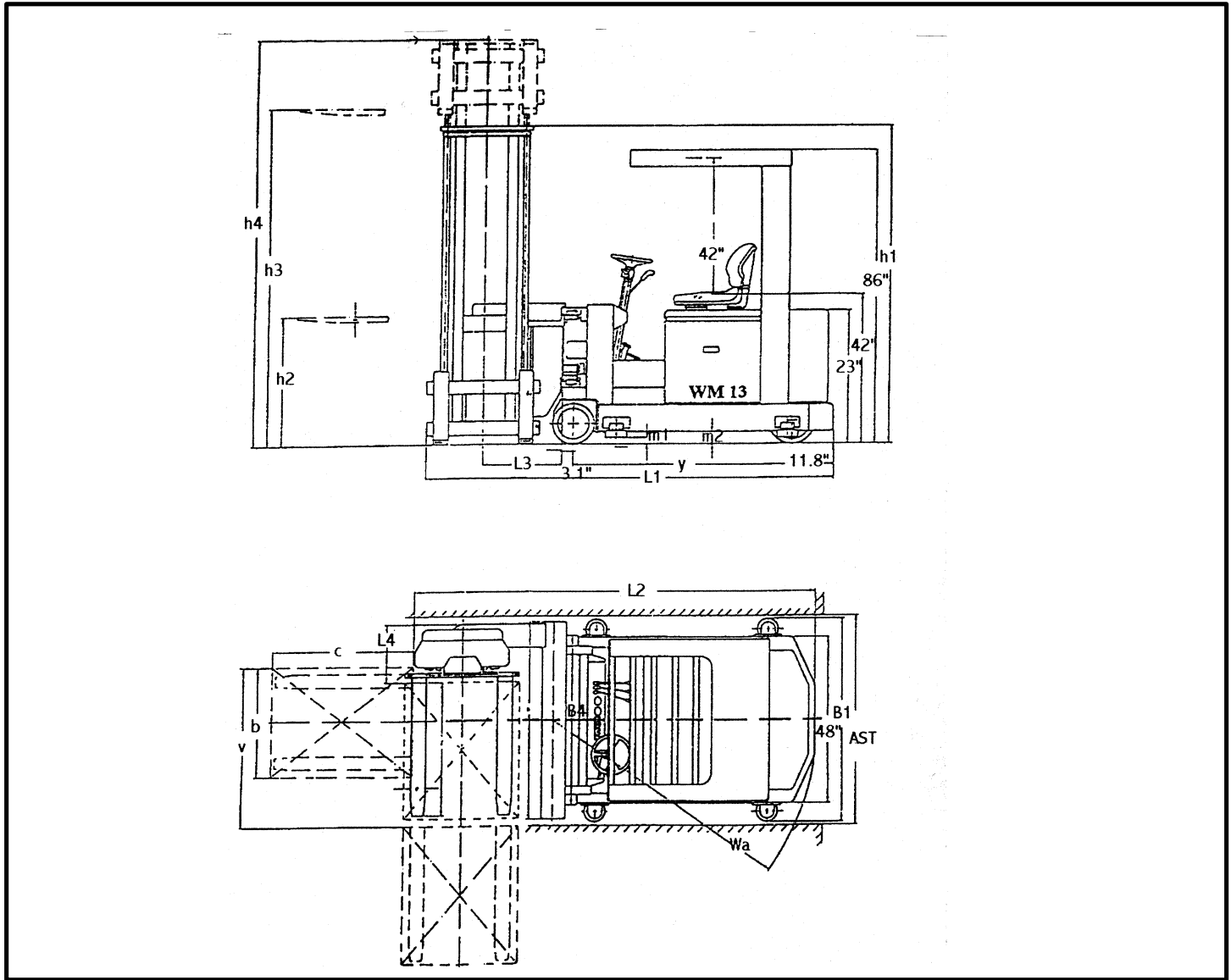
# STEINBOCK/BOSS

## WM 13 - 2,750 Lbs. Capacity

## Warehouse Systems

### VNA Turret Truck

Lift Heights to 277"



Mast Selection Guide

**TWO STAGE**

\* Special Sizes - Upon Request \*

**THREE STAGE**

Lift Height h3	Lowered Ht. h1	Free Lift h2	Ext h4
119.6"	82.7"	5.9"	139.8"
139.3"	92.5"	5.9"	159.4"
159.0"	102.4"	5.9"	179.1"
178.7"	114.2"	5.9"	198.8"
198.3"	124.0"	5.9"	219.5"
218.0"	137.8"	5.9"	243.1"
237.8"	149.6"	5.9"	264.8"

Lift Height h3	Lowered h1	Free Lift h2	Ext. h4
173.2"	76.8"	55.1"	193.3"
178.7"	78.7"	57.1"	198.8"
198.3"	86.6"	65.0"	218.5"
208.6"	88.6"	66.9"	228.7"
218.0"	92.5"	70.9"	238.2"
238.6"	102.4"	80.7"	260.2"
248.0"	106.3"	84.6"	268.1"
255.9"	110.2"	88.6"	277.5"
277.1"	118.1"	96.5"	298.0"

REF.	DESCRIPTION	DIAGRAM SYMBOLS	TRUCK DATA		
1	Manufacturer		STEINBOCK	STEINBOCK	STEINBOCK
2	Model Description		WM13-1512	WM13-1515	WM13-1516
3	Rated Capacity - lateral stacking		2,750 lbs.	2,750 lbs.	2,750 lbs.
4	Capacity forks forward to 67"		2,750 lbs.	3,300 lbs.	3,300 lbs.
5	Load center - rated capacity		24 "	24 "	24 "
6	Aisle Width - insertion depth (48") unguided add 1"-2"		57 " (32)	73 " (48)	81 " (56)
7	Pallet size length x width		48 " x 40 "		
8	Intersecting Aisle (recommended)		11 '		
9	Truck frame - available widths	B	49 "	61 "	65 "
10	Truck length - with load 40" W	l1	118 "		
11	Width fork face to back of head	L4			
12	Standard lift height - Three Stage		208 "		
13	Free Lift - Three Stage	h5	67 "		
14	Standard mast height - lowered	h1	89 "		
15	Standard mast height - raised	h4	229 "		
16	Height of Overhead guard	h6	86 "		
17	Fork dimensions		1.5 " x 4 "		
18	Fork length	l	to suit		
19	Fork spacing - min / max (std)		10" - 34"		
20	Travel speed - fully loaded / empty		5.1/5.4 MPH		
21	Lift speed - fully loaded / empty		68/96 FPM	83/93 FPM	
22	Lowering speed - fully loaded / empty		104/88 FPM		
23	Drive axle centerline to front traverse rack	x	3 "		
24	Wheelbase	y	62 "		
25	Drive wheel center to truck rear	z	12 "		
26	Outer turning radius	Wa	75 "		
27	Loaded ground clearance - at wheelbase center	m2	3.5 "		
28	Wheels - front/rear - driven*		2 / 1		
29	Front tire material / size	d1	Polyurethane	11.6" x 5.7"	
30	Rear tire material / size	d2	Polyurethane	13.5" x 5.5"	
31	Weight - unloaded including battery (approx)		10,940 lbs.		
32	Operator position		Seated forward facing		
33	Motive power		Electric		
34	Truck control systems - traction and hydraulics		BOSCH LT 200 Drive and Hydraulic SCR Controls		
35	Speed control - forward / reverse		Infinitely variable		
36	Steering type		Hydrostatic Power Steering		
37	Service brakes		Electronic retarder and regenerative		
38	Safety and parking brakes		Automotive expanding shoe / Electro magnetic motor disc brake		
39	Traction motor rating 1 hr		5.0 KW		
40	Hydraulic pump motor rating 15% E.D.		5.8 KW		
41	Power steering motor		0.7 KW		
42	Battery type		Lead Acid		
43	Battery voltage		48 Volt		
44	Battery capacity 5 hr. discharge		595 AH		
45	Battery weight (included in total weight above)		2,100 lbs.		
46	Drive unit type (vertical top mounted motor)		Spur and spiral bevel in oil bath		
47	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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\* Some dimensions are rounded to next nearest inch. PMH will confirm aisle sizes to suit individual needs. Specifications subject to change without notice!