



Mfg. Plates	1.1	Manufacturer		Steinbock	Steinbock	1.1
	1.2	Model / Type		WD 13 R - 17145	WD 15 R - 20150	1.2
	1.3	Power: Elec, Diesel, Gas, LPG		Electric	Electric	1.3
	1.4	Operation: Hand, Walkie, Stand, Sit, Order Selector		Turret Truck	Turret Truck	1.4
	1.5	Capacity	Q (lbs)	2750	3300	1.5
	1.6	Load Center	c (in)	24"	24"	1.6
Weights	1.8	Load Wheel center to load edge	x (in)	6.73"	8.4"	1.8
	1.9	Wheel base	y (in)	69.4"	82.4"	1.9
	2.1	Gross vehicle weight with battery	lbs	14155	18187	2.1
Weights / frame	2.2	Axle load with rated capacity front / rear	lbs	12513 / 4404	15697 / 5754	2.2
	2.3	Axle load without load weight front / rear	lbs	8267 / 5886	10913 / 7209	2.3
	3.1	Tires		Polyurethane	Polyurethane	3.1
Weights / frame	3.2	Wheel size front (diameter x width)	d ₁ (in)	(11.6" x 5.7")	(15" x 7.6")	3.2
	3.3	Wheel size rear (diameter x width)	d ₂ (in)	(15.7" x 6.3)	(15.7" x 6.3)	3.3
	3.5	Number of wheels front / rear (x = powered)		2 & 1x	2 & 1x	3.5
	3.6	Track width front	b ₁₀ (in)	51.4"	51.5"	3.6
	3.7	Track width rear	b ₁₁ (in)	0"	0"	3.7
	Dimensions	4.2	Collapsed height of Mast	h ₁ (in)	140.6"	225.2"
4.3		Free Lift	h ₂ (in)	--	--	4.3
4.4		Lift	h ₃ (in)	196.9"	354.3"	4.4
4.5		Overall extended height of Mast	h ₄ (in)	242.1"	405.5"	4.5
4.7		Overhead guard height	h ₆ (in)	96.9"	96.9"	4.7
4.8		Seat height	h ₇ (in)	53.5"	65.4"	4.8
4.15		Lowered Height (top of forks lowered)	h ₁₃ (in)	1.6"	2.0"	4.15
4.19		Overall length (without load)	l ₁ (in)	125.5"	136.8"	4.19
4.20		Length including fork heel (forks forward)	l ₂ (in)	119.5"	130.8"	4.20
4.21		Overall Width	b ₁ /b ₂ (in)	47.6" / 57.1"	47.6" / 59.1"	4.21
		Fork pivot point	L ₃ (in)	24.9"	21.6"	
4.22		Fork dimensions	s/e/l (in)	1.6" / 4.7" / 47.2"	2.0" / 4.7" / 47.2"	4.22
4.23		Fork carriage DIN 15173 class / form A,B		2/A	2/A	4.23
4.24		Fork Carriage Width	b ₃ (in)	22.6"	22.6"	4.24
4.25		Dimension over forks (out to out)	b ₅ (in)	21.3"	21.3"	4.25
4.27		Width over guide rollers	b ₆ (in)	63"	63"	4.27
4.29		Insertion stroke	b ₇ (in)	50.8"	50.8"	4.29
4.30		Side shift from vehicle center	b ₈ (in)	27.2"	27.2"	4.30
4.31		Ground clearance - with load under mast	m ₁ (in)	var.	var.	4.31
4.32		Ground clearance - mid wheel base	m ₂ (in)	3.5"	3.5"	4.32
4.33		Working Aisle dim. w pallet 40 x 48 long (b12x l6)	A _{st} (in)	64"	64"	4.33
4.34		Working Aisle dim. w pallet 48 x 32 long (b12x l6)	A _{st} (in)	52"	52"	4.34
4.35		Turning radius	W _a (in)	84.1"	96.9"	4.35
4.36		Pallet width used in example	b ₁₂ (in)	32"	32"	4.36
4.37		Pallet length used in example	l ₆ (in)	48"	48"	4.37
4.38		Fork pivot point	l ₈ (in)	31.7"	30"	4.38
4.43		Attachment frame	b ₁₄ (in)	56"	56"	4.43
4.44	Attachment arm	l ₁₀ (in)	7.9"	7.9"	4.44	
Performance	5.1	Drive Speed with / without load	mph	6.5 / 6.5	6.5 / 6.5	5.1
	5.2	Lift Speed with / without load	fpm	88.9 / 90.6	88.9 / 90.6	5.2
	5.3	Lowering Speed with / without load	fpm	94.5 / 94.5	94.5 / 94.5	5.3
	5.4	Side stroke speed	fpm	49.2	47.2	5.4
	5.9	Acceleration with / without load to full speed	s	4.9 / 4.6	5.0 / 4.7	5.9
	5.10	Operational Brake		generator / hydr.	generator / hydr.	5.10
5.11	Parking Brake / Deadman		elec. / accumulated	elec. / accumulated	5.11	
E - Motor	6.1	Drive Motor - rating (S2 60 min)	kW	7	7	6.1
	6.2	Lift Motor - rating at (S3 15%)	kW	21	21	6.2
	6.3	Battery		450 A	750 A	6.3
	6.4	Battery voltage / capacity k ₅	V/Ah	72 / 450	72 / 750	6.4
	6.5	Battery weight	lbs	2729	4107	6.5
Other	8.10	Vehicle Controls		~AC MOSFET	~AC MOSFET	8.10
	8.40	Noise Rating	dB (A)	73	73	8.40
	8.60	Steering		Electric	Electric	8.60
***	Specifications subject to change without prior notice					
Speeds with 550 ZT mast		Frame width b2 < 1300mm : d1 = 15" x 6"				

