DATA SHEET

1.	Manufacturer			DEUTRUCK
2.	Type	Model designation		EFG 3,5
3.	Carrying capacity	Q	t	3,5
4.	Load center	C	mm	500
5.	Type of drive	Diesel, petrol, l.p. gas, electric		electric
6.	Operator type	Stand-on/driver seated		driver seated
7.	Tyres	C=cushion, P=pneumatic, SE = Super elastic		SE
8.	Wheels	number front/rear (x = driven)		2x/2
9.	Lift	h_3 standard lift height	mm	3.100 – 7.000
10.		h_2 standard free lift	mm	150 – 2.130
11.		h_5 special free lift	mm	1.380 – 2.200
12.	Forks	Length x width x thickness	mm	1.150 x 125 x 45
13.	Tilt angle	Forward a/backward b	(°	6/8
14.	Dimensions	L_2 Length with fork thickness	mm	2.685
15.		B Width	mm	1.340
16.	Mast	h_1 Mast standard lowered	mm	2.100 – 2.700
17.		h_4 Mast standard extended	mm	2.775 – 6.400
18.	Turning radius	W_a Outer	mm	2.140
19.	Load distance	x from center or front axle	mm	432
20.	Aisle for 90° stacking		mm	3.780/3.980
21.	Stability factor	DIN standard 15138 (F.E.M.)		yes
22.	Speeds	Travel laden/unladen	km/h	18/21
23.		Lift laden/unladen	m/s	0,43/0,50
24.		Lower laden/unladen	m/s	0,55/0,58
25.	Drawbar pull	At the hook laden/unladen	N	4.500/5.800
26.	Gradeability, max.	laden/unladen	%	8/13,5
27.	Weight of truck		kg	5.370
28.	Axle loadings	unladen front/rear	kg	2.210/3.160
29.		laden front/rear	kg	7.966/904
30.	Tyres	No. front/rear (x = driven)		2x/2
31.		dimensions front	‘‘ or mm	23 x 10 – 12
32.		dimensions rear	‘‘ or mm	200/50-10
33.	Wheel base	Y	mm	1.620
34.	Track width	center wheels front/rear	mm	1.120/950
35.	Ground clearance	m_1 at the deepest point	mm	83
36.	(laden)	m_2 at center of wheelbase	mm	139
37.	Brakes	Service brake		hydraulic
38.		Parking brake		mechanic
39.	Battery	Type		PzS (DIN 43536 A)
40.		Capacity	V/Ah	80/500-840
41.	Electric motors	drive motor	kW	18 AC
42.		lifting motor	kW	21 AC
43.	Noise level	at driver’s ear	db (A)	66
44.	Speed control			AC
45.	Operating pressure		N	160

*valid for standard version as per VDI 2198

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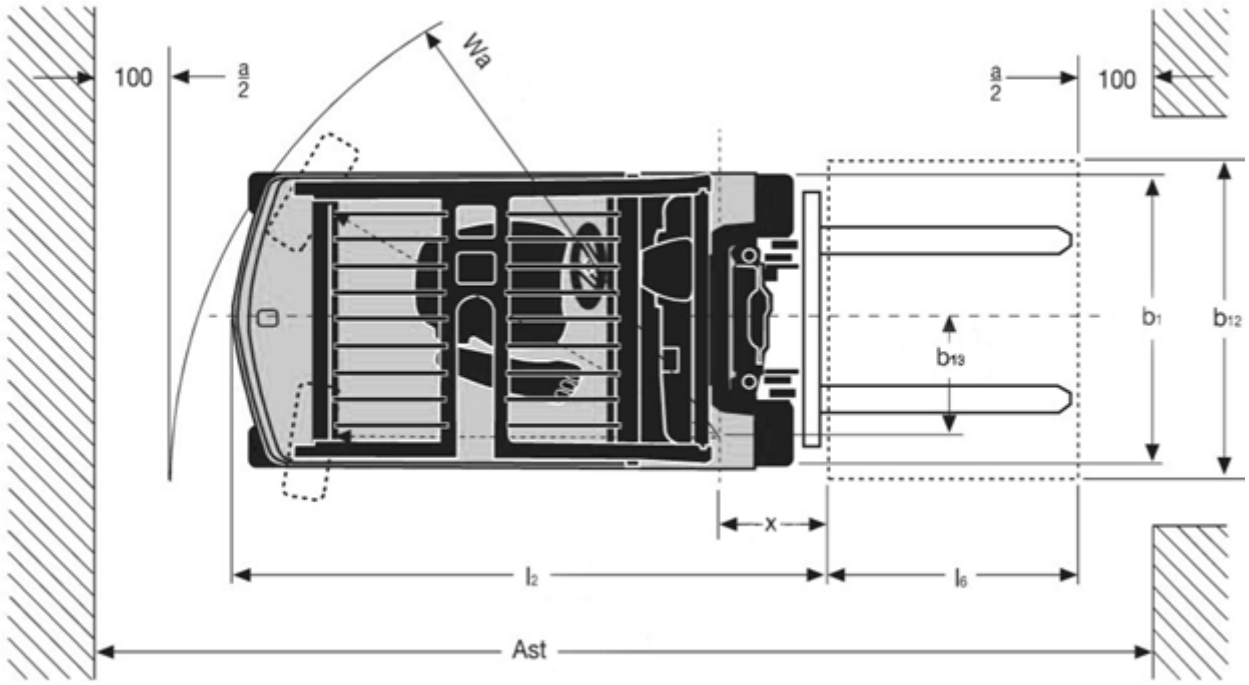

Si $b_{12/2} \leq b_{13}$

$Ast = Wa + x + l_6 + a$

Si $b_{12/2} > b_{13}$

$Ast = Wa + R + a = Wa + \sqrt{((l_6 + x)^2 + (b_{12/2} - b_{13})^2} + a$