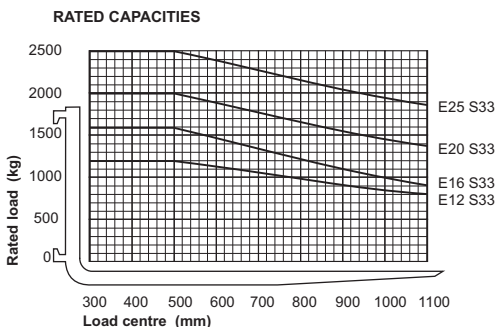


DIMENSIONS		SPECIFICATION						VDI 2198	
<p> $Ast_4 = Wa + x + L + a$ a = Minimum operating clearance L = Load length V.D.I. standard - $a = 200$ mm </p>	CHARACTERISTICS	1	Manufacturer			DIMEX LIFT	DIMEX LIFT	DIMEX LIFT	DIMEX LIFT
		2	Manufacturer's designation			E12	E16	E20	E25
		3	Load capacity	Q	t	1.2	1.6	2.0	2.5
		4	Load centre	c	mm	500	500	500	500
		5	Power unit /Battery, Diese,LPGI/			Battery	Battery	Battery	Battery
		6	Control type			Sit	Sit	Sit	Sit
		7	Tyres, front/rear (L - pneumatic, SE - superelastic)			L / L (SE/SE)	L / L (SE/SE)	L / L (SE/SE)	L / L (SE/SE)
		8	Wheels, number front / rear (x = driven)			2x/2	2x/2	2x/2	2x / 2
		9	Lift (Mast 33S) 1)	h_3	mm	3300	3300	3300	3300
		10	Standard free lift	h_2	mm	70	70	70	70
		11	Optional free lift 1)	h_5	mm	—	—	—	—
		12	Fork carriage DIN 15173 A / B / no			2A	2A	2A	2A
		13	Fork size, s-thickness, e-width, l-length	s/e/l	mm	40/80/1150	40/80/1150	40/100/1150	40 / 100 / 1150
		14	Mast tilt, forward / backward	α/β	Grad	4/ 7	4/ 7	4/ 7	4 / 7
		15	Length to fork face	L_2	mm	1960	2160	2330	2345
		16	Overall width	B	mm	1000	1000	1200	1200
		17	Height, mast lowered	h_1	mm	2200	2200	2240	2240
		18	Height, mast extended 2)	h_4	mm	3850	3850	3900	3900
		19	Height of overhead guard	h_6	mm	2050	2050	2200	2200
		20	Height of seat	h_7	mm	1000	1000	1140	1140
		21	Turning radius	Wa	mm	1870	2000	2050	2050
		22	Load distance from centre of front axle	x	mm	390	410	430	445
		23	Aisle width for load 800 x 1200 / 1000 x 1200	Ast_4	mm	3260/3460	3410/3610	3480/3680	3495 / 3695
	PERFORMANCE	24	Travel speed with / without load		km/h	13/15	12/ 14	13/15	12 / 14
		25	Lift speed with / without load		m/s	0.3 / 0.4	0.3 / 0.4	0.3 / 0.4	0.3 / 0.4
		26	Lowering speed with / without load		m/s	0.6 max / 0.4 min	0.6 max / 0.4 min	0.6 max / 0.4 min	0.6 max / 0.4 min
		27	Nom. drawbar pull		N	9 000 min	12 500 min	16 000 min	17 000 min
		28	Gradeability with / without load		%	18 /18	16/18	15/19	14/18
	WEIGHT	29	Service weight /with battery/		kg	2700	3000	4100	4400
		30	Axle load, with load, front / rear		kg	3480 / 420	4080 / 520	5540/ 560	6300 / 600
		31	Axle load, without load, front / rear		kg	1450 / 1250	1500 / 1500	2100/ 2000	2150 / 2250
	CHASSIS	32	Wheels, number, front / rear			2 / 2	2 / 2	2 / 2	2 / 2
		33	Tyres, size front		mm	18x7-8 PR16	18x7-8 PR16	23x9-10 PR18	23x9-10PR18
		34	Tyres, size rear		mm	16x6-8 PR14	16x6-8 PR14	18x7-8 PR16	18x7-8PR16
		35	Wheelbase	Y	mm	1290	1400	1470	1470
		36	Tread front / rear		mm	820 / 810	820 / 810	960 / 940	960/940
		37	Ground clearance, with load at lowest point	m_1	mm	80 min	80 min	100 min	100 min
		38	Ground clearance, with load, centre of wheelbase	m_2	mm	80	80	120	120
		39	Service brake / mechanical, hydraulic, electric, air/			hydraulic	hydraulic	hydraulic	hydraulic
		40	Parking brake			hand	hand	hand	hand
	POWER TRAIN	41	Battery equipment to DIN 43531 /35/ 36/ A, B, C, no			43531 A	43531 A	43536 A	43536 A
		42	Battery voltage / capacity (C5)		V/Ah	48 / 360 ; 48 / 480	48 / 480	80 / 480	80 / 480
		43	Battery, weight		kg	515 660	910	1120	1120
		44	Drive motor, output		kW	7,5	7,5	9	9
		45	Lift motor, output		kW	9 / 10	9 / 10	10	10
		46	Type of drive control			Pulse control	Pulse control	Pulse control	Pulse control
	OTHER	47	Working pressure / for attachments/		Mpa	15	15	15	15
		48	Noise level		dB(A)	76	76	76	76



1) Other lifting heights - see Table LIFTING MAST
 2) With backrest +700mm.