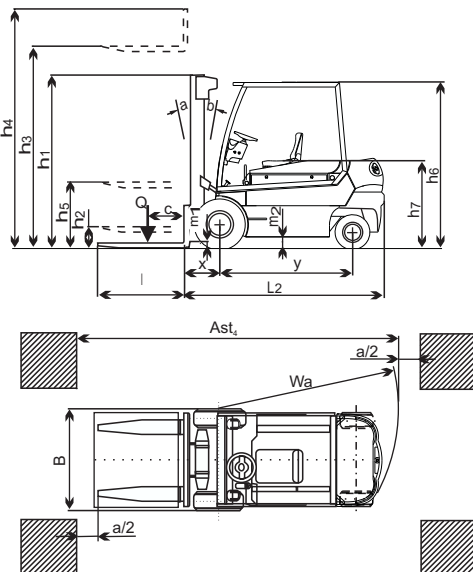
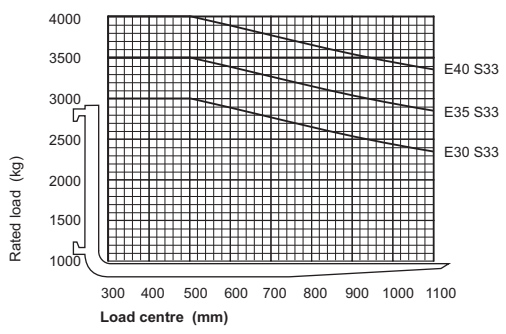


DIMENSIONS		SPECIFICATION				VDI 2198			
 <p> <math>Ast = Wa + x + L + a</math>                      a = Minimum operating clearance                      L = Load length                      V.D.I. standard - a = 200 mm )                 </p>	CHARACTERISTICS	1	Manufacturer		DIMEX LIFT	DIMEX LIFT	DIMEX LIFT		
		2	Manufacturer's designation		E30	E35	E40		
		3	Load capacity	Q	t	3,0	3,5	4,0	
		4	Load centre	c	mm	500	500	500	
		5	Power unit /Battery, Diesel, LPG/		Battery	Battery	Battery		
		6	Control type		Sit	Sit	Sit		
		7	Tyres, front/rear (L - pneumatic, SE - superelastic)		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		
	DIMENSIONS	9	Lift (Mast 33S) 1)	$h_3$	mm	3300	3300	3300	
		10	Standard free lift	$h_2$	mm	70	70	70	
		11	Optional free lift 1)	$h_5$	mm	—	—	—	
		12	Fork carriage DIN 15173 A / B / no		3A	3A	3A		
		13	Fork size, s-thickness, e-width, l-length	s/e/l	mm	45 / 100 / 1150	45/140/1150	45/140/1150	
		14	Mast tilt, forward / backward		$\alpha / \beta$	Grad	4 / 7	4 / 7	4 / 7
		15	Length to fork face		$L_2$	mm	2700	2740	2740
		16	Overall width		B	mm	1250	1440	1490
		17	Height, mast lowered		$h_1$	mm	2250	2250	2250
		18	Height, mast extended 2)		$h_4$	mm	3400	4000	4000
		19	Height of overhead guard		$h_6$	mm	2240	2240	2240
		20	Height of seat		$h_7$	mm	1180	1180	1180
		21	Turning radius		$Wa$	mm	2410	2410	2410
		22	Load distance from centre of front axle		x	mm	470	500	500
		23	Aisle width for load 800 x 1200 / 1000 x 1200		$Ast_4$	mm	3920 / 4120	3920/4120	3920/4120
PERFORMANCE	24	Travel speed with / without load		km/h	12 / 14	11/13	11/13		
	25	Lift speed with / without load		m/s	0.25 / 0.35	0.25 / 0.35	0.2 / 0.3		
	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		
	27	Nom. drawbar pull			N	17 000 min	20 000 min	20 000 min	
	28	Gradeability with / without load		%	12/15	12 / 15	12 / 15		
WEIGHT	29	Service weight /with battery/		kg	5500	5900	6400		
	30	Axle load, with load, front / rear		kg	7500 / 1000	8380 / 1020	9520 / 880		
	31	Axle load, without load, front / rear		kg	2700 / 2800	3040 / 2860	3240/ 3160		
CHASSIS	32	Wheels, number, front / rear			2 / 2	2 / 2	2 / 2		
	33	Tyres, size front		mm	8.15-15 Pr18	8.15-15 PR16	250-15 PR18		
	34	Tyres, size rear		mm	18x7-8 Pr16	18x7- 8 PR16	18x7- 8 PR16		
	35	Wheelbase		Y	mm	1870	1870		
	36	Tread front / rear		mm	1030/940	1215 / 940	1215 / 940		
	37	Ground clearance, with load at lowest point		$m_1$	mm	140 min	140min	140min	
	38	Ground clearance, with load, centre of wheelbase		$m_2$	mm	140	140	140	
	39	Service brake / mechanical, hydraulic, electric, air/			hydraulic	hydraulic	hydraulic		
	40	Parking brake			hand	hand	hand		
	POWER TRAIN	41	Battery equipment to DIN 43531 /35/ 36/ A, B, C, no			43536 A	43536 A	43536 A	
42		Battery voltage / capacity (Cs)		V/Ah	80 / 540	80 / 600	80 / 882		
43		Storage battery, weight		kg	1104	1300	1960		
44		Drive motor, output		kW	9 / 14	14	15		
45		Pump motor, output		kW	10	16,8	16,8		
46		Type of drive control			Pulse control	Pulse control	Pulse control		
OTHER	47	Working pressure / for attachments/		Mpa	15	15	15		
	48	Noise level		dB(A)	76	76	76		

**RATED CAPACITIES**



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