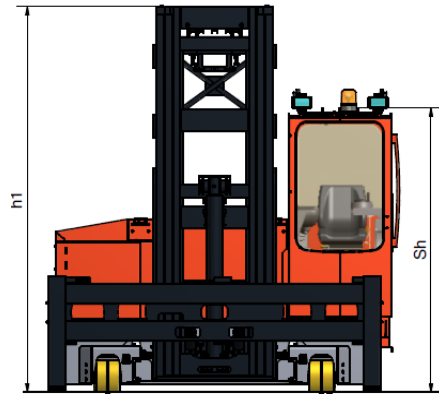


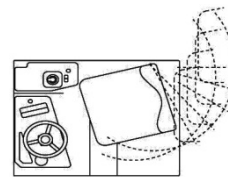
Series 2131 - PU / EL, Model M 50 / 60 / 70

HUBTEX.

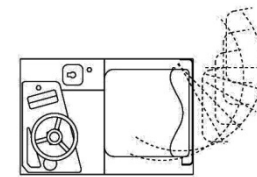
- Multidirectional steering
- Electric drive
- Capacities up to 7000 kg
- Lift heights up to 10000 mm
- Loadbed width up to 2100 mm



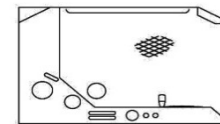
Kabinentypen / cabin types



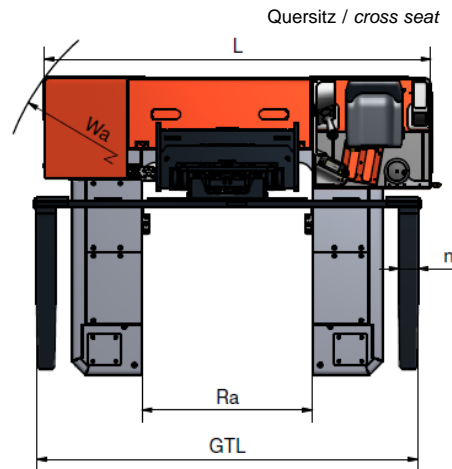
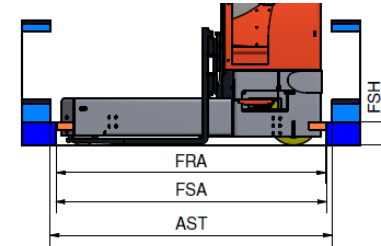
Diagonalsitz / diagonal seat



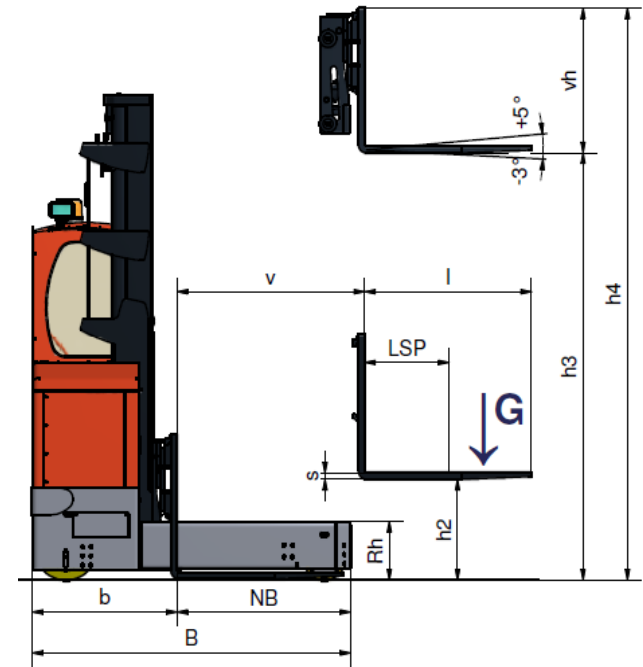
Längssitz / lateral seat



Standkabine / stand up cabin



Quersitz / cross seat



ELECTRIC MULTIDIRECTIONAL SIDELOADER

Characteristics	1.1	Series			2131-EL	2131-PU (H 60 / 70)	2131-PU (H 80 / 90)	
	1.2	Model	Manufacturer's identification		M 50	M 50	M 60	M 70
	1.3	Capacity	Q at standard lift height	kg	5000	5000	6000	7000
	1.4	Loadcenter	lc = distance	mm	700	700	700	700
	1.6	Power supply	electric / Diesel / LPG		electric	electric	electric	electric
	1.7	Type of steering	V = fourway / M = multidirectional / 2 = twoway		M	M	M	M
	1.71	Position of seat	Q = cross / D = diagonal / L = lateral / SU = stand up		Q / D	Q / D	Q / D	Q / D
	1.8	Tyres	PU = Vulkollan / EL = elastic		EL	PU	PU	PU
	1.9	Wheels (X = powered)	number	pcs.	(10 / 2X) 6 / 2X	6 / 2X	6 / 2X	6 / 2X
Dimensions	2.1	Mast	h3 = lift height standard / max.	mm	3000 - 7500	3000 - 8000	3000 - 10000	3000 - 10000
	2.21	Fork cross section	s / b = thickness / width	mm	50 / 150	60 / 150	60 / 180	60 / 180
	2.22	Fork length	l = NB from / to	mm	600 - 2100	600 - 2100	600 - 2100	600 - 2100
	2.23	Fork tilt	standard	degree	+5 / -3	+5 / -3	+5 / -3	+5 / -3
	2.31	Overall dimensions	L = truck length	mm	2880 / 3170 / 3500			
	2.32		Sh = height over cabin roof "Q"	mm	2610	2535	2535	2535
	2.33		b = width to edge of forks	mm	860 - 1150	850 - 1160	850 - 1130	860 - 1150
	2.34		NB = loadbed width from / to	mm	600 - 2100	600 - 2100	600 - 2100	600 - 2100
	2.35		B = truck width (at NB 1200 mm)	mm	2060 - 2350	1450 - 3260	1450 - 3230	1460 - 3260
	2.36		Rh = loadbed height	mm	(492) 535	415	415	415
	2.37		Ra = loadbed opening	mm	1340 / 1630 / 1960			
		2.4	Mast reach	V (at NB 1200 mm)	mm	1300	1300	1300
	2.52	Aisle width	AST (at NB 1200 mm)	mm	2260 - 3350	1650 - 4260	1650 - 4230	1660 - 4260
Wght.	3.1	Empty weight	incl. battery	appr. kg	5700	9000	9000	10000
	3.2	Floor load	incl. nominal load (static)	N/cm ²	300	560	600	620
Performance	4.1	Stability	according to CE-regulations	yes/no	yes	yes	yes	yes
	4.21	Speeds	travel speed with / without nominal load	km/h	9 / 9	9 / 9	9 / 9	9 / 9
	4.22		lifting speed with / without nominal load	m/s	0,20 / 0,30	0,25 / 0,35	0,20 / 0,30	0,20 / 0,30
	4.23		lowering speed with / without nominal load	m/s	0,30 / 0,25	0,30 / 0,25	0,30 / 0,20	0,30 / 0,20
	4.24		max. travel speed with / without nominal load	m/s	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20
	4.31	Ramp capability	max. with / without nominal load	%	5 / 6	8 / 10	8 / 10	8 / 10
Wheels + tyres	5.11	Tyres	number load side / drive side	pcs.	(8 / 2) 4 / 2	4 / 2	4 / 2	4 / 2
	5.12		dimensions load wheels	mm	(360x85) 413x178	300 x 135		
	5.13		dimensions drive wheels	mm	457 x 229	457 x 229		
	5.3	Ground clearance		mm	(150) 175	75	75	75
	5.41	Service brakes			v. drive pedal/joys. activ. electr. plugging br. (joyst. only 2131-PU)			
	5.42	Parking brake			spring-loaded brake with electromagnetic release			
Drive unit	6.11	Battery	capacity	V/Ah	80V-3EPzS-465Ah/80V-4EPzS-620Ah/80V-5EPzS-775Ah/80V-6EPzS-930Ah			
	6.12		minimum weight	kg	1350	1350	1350	1350
	6.21	Electric motors	drive motor rating (s2 = 60 min)	kW	2 x 5,0	2 x 5,0	2 x 5,0	2 x 5,0
	6.22		lifting motor rating	kW	1 x 16,2 + 1 x 19,3			
	6.23		steering motor rating	kW	1 x 5,0	1 x 5,0	1 x 5,0	1 x 5,0
	6.31	Electric controls	type		AC-controls	AC-controls	AC-controls	AC-controls
	6.4	Transmission	gear type		straight bevel	straight bevel	straight bevel	straight bevel
	6.5	Hydraulic pressure	for attachments	bar	180	180	180	180