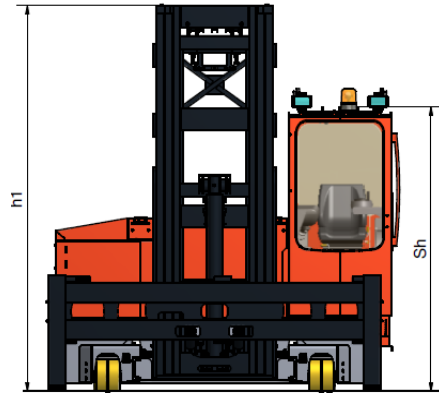


# Series 2132 - PU, Model M 90 / 100

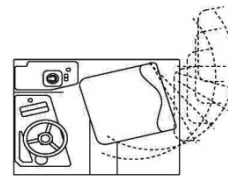
# Series 2134 - PU, Model M 120 / 150 / 200



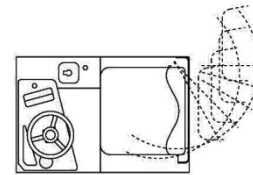
- Multidirectional steering
- Electric drive
- Capacities up to 20000 kg
- Lift heights up to 10000 mm
- Loadbed width up to 2500 mm



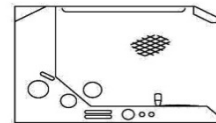
### Kabinentypen / cabin types



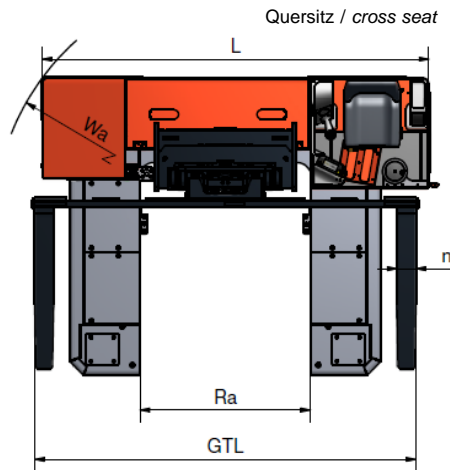
Diagonalsitz / diagonal seat



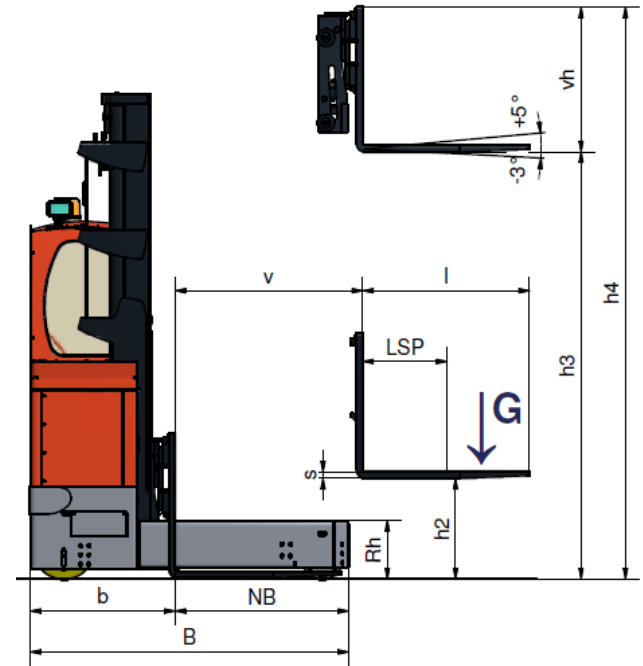
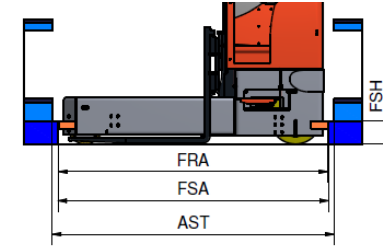
Längssitz / lateral seat



Standkabine / stand up cabin



Quersitz / cross seat



**ELECTRIC MULTIDIRECTIONAL SIDELOADER**

Characteristics	1.1	Series		2132-PU		2134-PU			
	1.2	Model	Manufacturer's identification		M 90	M 100	M 120	M 150	M 200
	1.3	Capacity	Q at standard lift height	kg	9000	10000	12000	15000	20000
	1.4	Loadcenter	lc = distance	mm	600	600	700	700	700
	1.6	Power supply	electric / Diesel / LPG		electric	electric	electric	electric	electric
	1.7	Type of steering	V = fourway / M = multidirectional / 2 = towway		M	M	M	M	M
	1.71	Position of seat	Q = cross / D = diagonal / L = lateral / SU = stand up		Q	Q	Q	Q	Q
	1.8	Tyres	PU = Vulkollan / EL = elastic		PU	PU	PU	PU	PU
	1.9	Wheels (X = powered)	number	pcs.	6 / 2X	6 / 2X	8 / 4X	8 / 4X	8 / 4X
Dimensions	2.1	Mast	h3 = lift height standard / max.	mm	3000 - 10000	3000 - 10000	3000 - 8500	3000 - 8500	3000 - 8500
	2.21	Fork cross section	s / b = thickness / width	mm	70 / 150	70 / 180	90 / 200	90 / 250	100 / 250
	2.22	Fork length	l = NB from / to	mm	1000 - 2500	1000 - 2500	1200 - 2500	1200 - 2500	1200 - 2500
	2.23	Fork tilt	standard	degree	+5 / -3	+5 / -3	+5 / -3	+5 / -3	+5 / -3
	2.31	Overall dimensions	L = truck length	mm	3820	3820	4460	4460	4460
	2.32		Sh = height over cabin roof "Q"	mm	2800	2800	3500	3500	3500
	2.33		b = width to edge of forks	mm	1150 - 1280	1150 - 1280	1500 - 2000	1700 - 2000	1700 - 2000
	2.34		NB = loadbed width from / to	mm	1000 - 2500	1000 - 2500	1200 - 2500	1200 - 2500	1200 - 2500
	2.35		B = truck width (at NB 1200 mm)	mm	2350 - 2480	2350 - 2480	2700 - 3200	2700 - 3200	2700 - 3200
	2.36		Rh = loadbed height	mm	560	560	650	650	650
	2.37		Ra = loadbed opening	mm	1960	1630 o. 1960	1800	1800	1800
2.4	Mast reach	V (at NB 1200 mm)	mm	1300	1300	1300	1300	1300	
	2.52	Aisle width	AST (at NB 1200 mm)	mm	2550 - 3480	2550 - 3480	2900 - 4200	2900 - 4200	2900 - 4200
Wght.	3.1	Empty weight	incl. battery	appr. kg	14000	15000	25000	30000	30000
	3.2	Floor load	incl. nominal load (static)	N/cm²	650	670	750	750	750
Performance	4.1	Stability	according to CE-regulations	yes/no	yes	yes	yes	yes	yes
	4.21	Speeds	travel speed with / without nominal load	km/h	6 / 7	6 / 7	6 / 7	6 / 7	6 / 7
	4.22		lifting speed with / without nominal load	m/s	0,17 / 0,22	0,17 / 0,22	0,15 / 0,18	0,15 / 0,18	0,15 / 0,18
	4.23		lowering speed with / without nominal load	m/s	0,28 / 0,25	0,28 / 0,25	0,25 / 0,20	0,25 / 0,20	0,25 / 0,20
	4.24		mast travel speed with / without nominal load	m/s	0,18 / 0,18	0,18 / 0,18	0,15 / 0,15	0,15 / 0,15	0,15 / 0,15
4.31	Ramp capability	max. with / without nominal load	%	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	
Wheels + tyres	5.11	Tyres	number load side / drive side	pcs.	4 / 2	4 / 2	4 / 4	4 / 4	4 / 4
	5.12		dimensions load wheels	mm	413 x 178 (pendular)		500 x 200 (pendular)		
	5.13		dimensions drive wheels	mm	559 x 254		559 x 203 (pendular)		
	5.3	Ground clearance		mm	70	70	200	200	200
	5.41	Service brakes			via drive pedal activated electronic plugging brake				
5.42	Parking brake			spring-loaded brake with electromagnetic release					
Drive unit	6.11	Battery	capacity	V/Ah	80V-5EPzS-775Ah-6EPzS-930 Ah		80V - 8EPzS - 1240Ah / 80V - 10EPzS - 1500Ah		
	6.12		minimum weight	kg	2200	2200	3000	3000 / 3500	3500
	6.21	Electric motors	drive motor rating (s2 = 60 min)	kW	2 x 7,0	2 x 7,0	2 x 12,0	2 x 12,0	2 x 12,0
	6.22		lifting motor rating	kW	2 x 17,5	2 x 17,5	2 x 17,5	2 x 17,5	2 x 17,5
	6.23		steering motor rating	kW	1 x 5,0	1 x 5,0	1 x 10,0	1 x 10,0	1 x 10,0
	6.31	Electric controls	type		AC-controls	AC-controls	AC-controls	AC-controls	AC-controls
	6.4	Transmission	gear type		planetary	planetary	planetary	planetary	planetary
6.5	Hydraulic pressure	for attachments	bar	180	180	180	180	180	