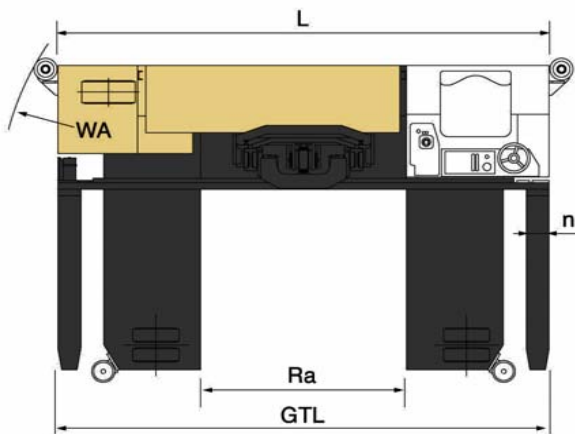
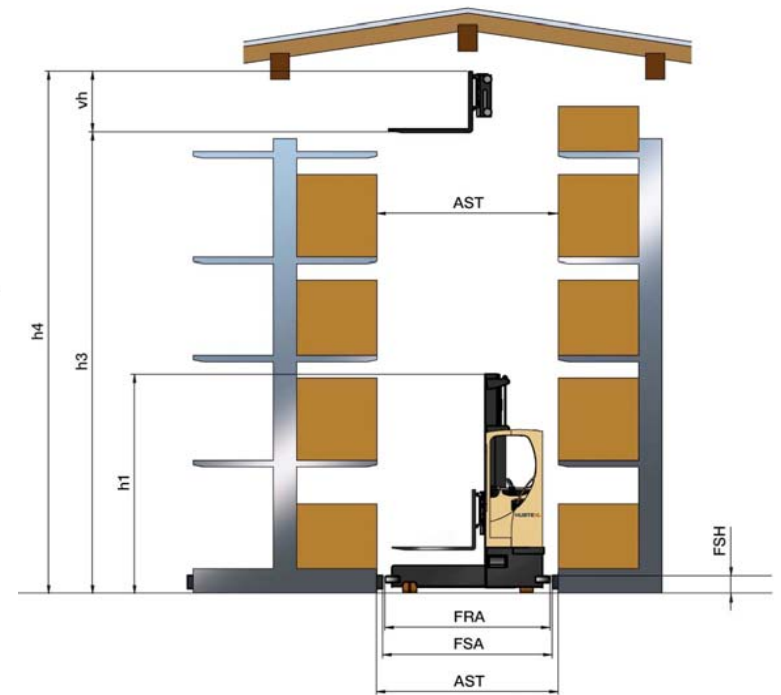
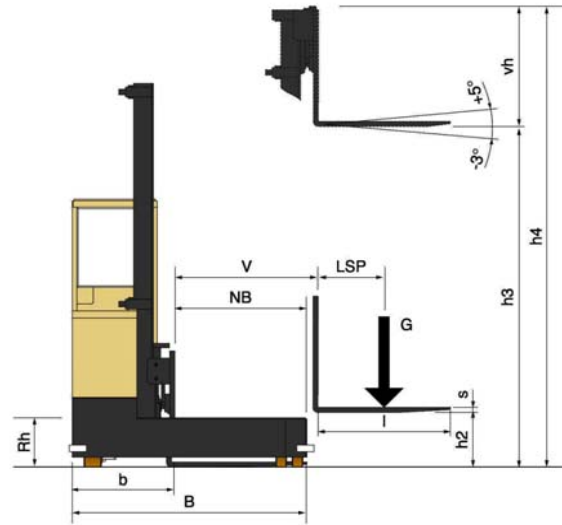


# ELECTRIC MULTIDIRECTIONAL SIDELoader

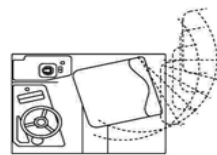
model M15 – 20 – 25 – 30 AC

SERIES

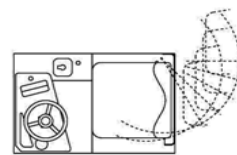
2121  
PU-PV-EL



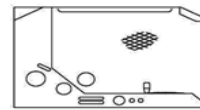
crosswise  
seat cabin



diagonal  
seat cabin



lateral  
seat cabin



stand-up  
cabin

**HUBTEX.**

	1.1	Series		2121-PU / -PV				2121-EL			
Characteristics	1.2	Model	Manufacturer's identification	M 15	M 20	M 25	M 30	M 15	M 20	M 25	
	1.3	Capacity	Q at standard h3	kg	1500	2000	2500	3000	1500	2000	2500
	1.4	Loadcenter	lc distance	mm	600	600	600	600	600	600	600
	1.6	Power supply	electric/diesel/LPG		electric	electric	electric	electric	electric	electric	electric
	1.7	Type of steering	V=fourway/M=multidirectional/2=two-way		M	M	M	M	M	M	M
	1.71	Position of seat	Q=cross/D=diagonal/L=lateral/SU=stand up/G=pole		Q/D/L/SU	Q/D/L/SU	Q/D/L/SU	Q/D/L/SU	Q/D/L/SU	Q/D/L/SU	Q/D/L/SU
	1.8	Tires	PU=Vulkullan/PV=Pevopur/EL=elastic		PU / PV	PU / PV	PU / PV	PU / PV	EL	EL	EL
	1.9	Wheels (x=powered)	number	pce.	6/2X	6/2X	6/2X	6/2X	6/2X	6/2X	6/2X
	Dimensions	2.1	Mast	h3=lift height standard	mm	3000-7500	3000-7500	3000-7500	3000-7500	3000-6000	3000-6000
2.21		Fork cross section	S/b Thickness/width	mm	40/120	40/120	45/120	45/120	40/120	40/120	45/120
2.22		Fork length	length = NB	mm	800-1600	800-1600	800-1600	800-1600	800-1600	800-1400	800-1400
2.23		Fork tilt	standard	degree	+5/-3	+5/-3	+5/-3	+5/-3	+5/-3	+5/-3	+5/-3
2.31		Overall dimensions	L = Truck length standard / small	mm	2760	2760	2760	2760	2760	2760	2760
2.32			Sh = Height over cabin roof "Q"	mm	2470	2470	2470	2470	2495	2495	2495
2.33			b = Width to face of fork	mm	760 - 1030	760 - 1030	780-1030	780-1030	760 - 1030	760 - 1030	780-1030
2.34			NB = Loadbed width from/to	mm	800-1600	800-1600	800-1600	800-1600	800-1600	800-1600	800-1600
2.35			B = Overall width (NB = 1200 mm)	mm	1960 - 2230	1960 - 2230	1980-2230	1980-2230	1960 - 2230	1960 - 2230	1980-2230
2.36			Rh = Loadbed height	mm	375	375	375	375	500	500	500
2.37			Ra = Loadbed opening	mm	1340	1340	1340	1340	1340	1340	1340
2.4		Mast reach	V (loadbed width 1200 mm)	mm	1300	1300	1300	1300	1300	1300	1300
2.52		Aisle width	AST (loadbed width 1200 mm)	mm	2160 - 3230	2160 - 3230	2160 - 3230	2160 - 3230	2160 - 3230	2160 - 3230	2160 - 3230
Wght.	3.1	Total weight	incl. battery	appr. kg	4500	4800	5000	5200	4700	5000	5200
	3.2	Floor load (static)	incl. load	N/cm2	430	450	460	480	290	295	300
Performance	4.1	Stability	according to CE-regulations	yes/no	yes	yes	yes	yes	yes	yes	yes
	4.21	Speeds	travel speed loaded/empty	km/h	8/8	8/8	8/8	8/8	8/8	8/8	8/8
	4.22		lifting speed loaded/empty	m/s	0,20/0,25	0,20/0,25	0,20/0,25	0,20/0,25	0,20/0,25	0,20/0,25	0,20/0,25
	4.23		lowering speed loaded/empty	m/s	0,30/0,25	0,30/0,25	0,30/0,25	0,30/0,25	0,30/0,25	0,30/0,25	0,30/0,25
	4.24		mast travel speed loaded/empty	m/s	0,20/0,20	0,20/0,20	0,20/0,20	0,20/0,20	0,20/0,20	0,20/0,20	0,20/0,20
4.31	Ramp capability	loaded/empty max.	%	8/12	8/12	8/12	7/12	6/9	6/9	6/9	
Wheels + tyres	5.11	Tires	number loadside/batteryside	pce.	4/2	4/2	4/2	4/2	4/2	4/2	4/2
	5.12		dimensions loadside	mm	250x80				377x110		
	5.13		dimensions batteryside	mm	343x114 (PU) / 355 x 160 (PV)				365x160		
	5.3	Ground clearance		mm	75	75	75	75	90	90	90
	5.41	Service brake			electronical plugging brake						
5.42	Parking brake			spring-loaded brake with electromagnetic release							
Drive unit	6.11	Battery	capacity	V/Ah	48 V - 4EPzS - 620 AH / 48 V - 5EPzS - 775 AH						
	6.12		minimum weight	Kg	1005	1005	1005	1005	1005	1005	1005
	6.21	Electric motors	drive motor rating (s2=60 min)	KW	2 x 2,5	2 x 2,5	2 x 2,5	2 x 2,5	2 x 2,5	2 x 2,5	2 x 2,5
	6.22		pump motor (s)	KW	1 x 8,0	1 x 8,0	1 x 8,0	1 x 8,0	1 x 8,0	1 x 8,0	1 x 8,0
	6.23		power steering motor	KW	1 x 3,0	1 x 3,0	1 x 3,0	1 x 3,0	1 x 3,0	1 x 3,0	1 x 3,0
	6.31	Electric controls	type		AC-controls	AC-controls	AC-controls	AC-controls	AC-controls	AC-controls	AC-controls
	6.4	Transmission	gear type		planetary	planetary	planetary	planetary	planetary	planetary	planetary
6.5	Hydr. pressure	for attachments	bar	180	180	180	180	180	180	180	