



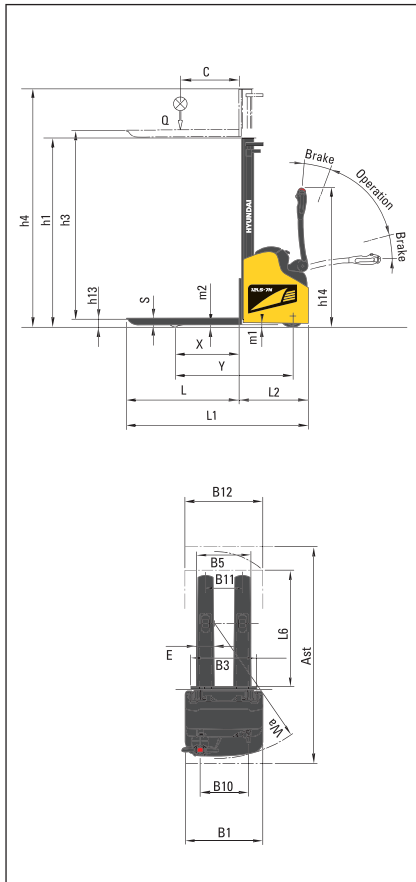
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# 10LS-7N 12LS-7N

WAREHOUSE EQUIPMENT Electric stacker

 **HYUNDAI**  
HEAVY INDUSTRIES EUROPE  
[www.hyundai.eu](http://www.hyundai.eu)

## DIMENSIONS



## DETAIL



## MAST SPECIFICATIONS

Mast Ref. dimensions in mm	Lift Height		Overall Height		Residual capacity		
	Max h3	Free lift h2	Lowered h1	Extended h4	10LS-7N	12LS-7N	
Simplex	S 15	1510	1510	1940	1940	1000	1200
	S 17	1760	1760	2190	2190	1000	1200
Duplex	D 29	2940	-	1940	3365	1000	1200
	D 34	3440	-	2190	3865	900	1000
	D 38	3840	-	2390	4265	750	750
	D 43	4340	-	2640	4765	650	650
Free lift duplex	DLL 29	2935	1510	1940	3365	1000	1200
	DLL 34	3435	1760	2190	3865	950	950
	DLL 38	3835	1960	2390	4265	700	700
	DLL 43	4335	2210	2640	4765	600	600
Free lift triplex	TLL 42	4240	1470	1965	4735	550	650

## SPECIFICATIONS

Identification		10 LS - 7N	12 LS - 7N	
1.1	Manufacturer	Hyundai	Hyundai	
1.2	Type	10LS-7N	12LS-7N	
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas, manual	Battery	Battery	
1.4	Type of operation: hand, pedestrian, standing, seated, order-picker	Pedestrian	Pedestrian	
1.5	Load capacity (standard)	kg	1000	1200
1.6	Load center distance	C mm	600	600
1.8	Load distance, fork face to track wheels (raised position)	X mm	723	723
1.9	Wheelbase (drive axle to track wheels) raised / lowered	Y mm	1285	1245
<b>Weights</b>				
2.1	Service weight	kg	870	874
2.2	Axle loading, loaded front / rear	kg	709 / 1161	729 / 1342
2.3	Axle loading, unloaded front / rear	kg	609 / 261	612 / 262
<b>Wheels</b>				
3.1	Tires		Polyurethane	Polyurethane
3.2	Tires size, front	mm	1 x (230 x 75)	1 x (230 x 75)
3.3	Tires size, rear	mm	1 x (78 x 78)	2 x (82 x 70)
3.4	Outrigger dimensions	mm	1 x (125 x 50)	1 x (125 x 50)
3.5	Wheels, number front / rear (X = driven wheels)		1 x 1/2	1 x 1/4
3.6	Track width, front	B10 mm	517	517
3.7	Track width, rear	B11 mm	380	380
<b>Basic dimensions</b>				
4.2	Mast height (lowered)	h1 mm	see mast specifications	
4.3	Free lift	h2 mm	see mast specifications	
4.4	Lift height (standard)	h3 mm	see mast specifications	
4.5	Height with mast raised	h4 mm	see mast specifications	
4.6	Initial lift	h5 mm	-	
4.9	Height of tiller in drive position (max)	h14 mm	1425	1425
4.15	Height of forks (lowered)	h13 mm	85	85
4.19	Overall length	L1 mm	1870	1870
4.20	Length to face of forks	L2 mm	720	720
4.21	Overall width	B1 mm	800	800
4.22	Fork dimensions L x W x T	S x E x L mm	75 x 180 x 1150	75 x 180 x 1150
4.24	Fork carriage width	B3 mm	680	680
4.25	Width over forks	B5 mm	560	560
4.31	Ground clearance, under mast	m1 mm	35	35
4.32	Ground clearance, centre of wheelbase	m2 mm	20	20
4.33	Aisle width for pallets 1000 x 1200 crossways (L x W)	Ast mm	-	-
4.34	Aisle width for pallets 800 x 1200 lengthways (W x L)	Ast mm	2287	2222
4.35	Turning radius (raised / lowered)	Wa mm	1465	1400
<b>Performance data</b>				
5.1	Travel speed, loaded / unloaded	km / h	6 / 6	6 / 6
5.2	Lift speed, loaded / unloaded	mm / s	140 / 240	120 / 240
5.3	Lowering speed, loaded / unloaded	mm / s	300 / 200	300 / 200
5.8	Max. Gradient performance, loaded / unloaded	%	8 / 10	8 / 20
5.10	Service brake		Electromagnetic	Electromagnetic
5.11	Parking brake		Handle release	Handle release
<b>Drive unit</b>				
6.1	Drive motor rating (S2 60 min)	kW	1.2 (1.0*)	1.2 (1.0*)
6.2	Lift motor rating at S3 10%	kW	3.0 (2.0*)	3.0 (2.0*)
6.3	Battery acc. To DIN43531 / 35 / 36, A, B, C		Traction	Traction
6.4	Battery voltage / nominal capacity	V / Ah	24 / 180 - 240	24 / 180 - 240
6.5	Battery weight (+/- 5%)	kg	180 - 240	180 - 240
<b>Other details</b>				
8.1	Type of drive control		AC	AC
8.4	Sound level at driver's ear (driving)	dB (A)	65	65

\* for machines with simplex mast (central cylinder)

PLEASE CONTACT

**HYUNDAI**  
HEAVY INDUSTRIES EUROPE  
MATERIAL HANDLING

Hyundai Heavy Industries Europe N.V.  
Vossendaal 11, 2440 Geel, Belgium  
Tel: (32) 14-562200 Fax: (32) 14-593405-06