



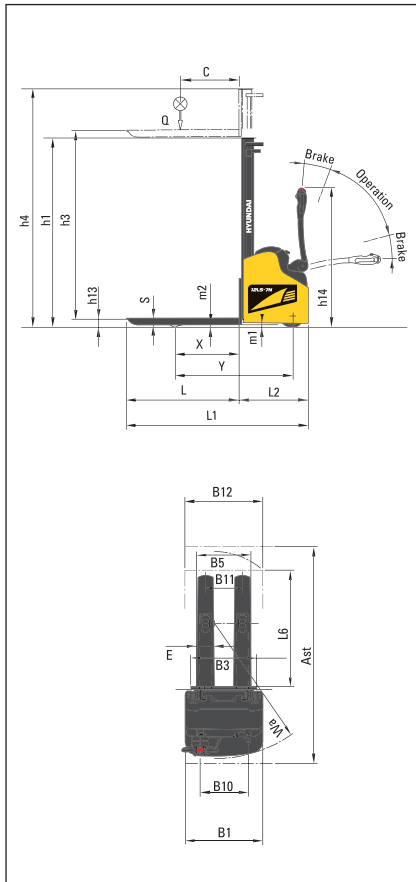
We build a better future

10LS-7N 12LS-7N

WAREHOUSE EQUIPMENT Electric stacker

 **HYUNDAI**
HEAVY INDUSTRIES EUROPE
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 | 1940 | 1940 | 1000 | 1200 |
| | S 17 | 1760 | 2190 | 2190 | 1000 | 1200 |
| Duplex | D 29 | 2940 | - | 1940 | 3365 | 1000 |
| | D 34 | 3440 | - | 2190 | 3865 | 900 |
| | D 38 | 3840 | - | 2390 | 4265 | 750 |
| | D 43 | 4340 | - | 2640 | 4765 | 650 |
| Free lift duplex | DLL 29 | 2935 | 1510 | 1940 | 3365 | 1000 |
| | DLL 34 | 3435 | 1760 | 2190 | 3865 | 950 |
| | DLL 38 | 3835 | 1960 | 2390 | 4265 | 700 |
| | DLL 43 | 4335 | 2210 | 2640 | 4765 | 600 |
| Free lift triplex | TLL 42 | 4240 | 1470 | 1965 | 4735 | 550 |

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 |
| 1.6 | Load center distance | C mm | 600 |
| 1.8 | Load distance, fork face to track wheels (raised position) | X mm | 723 |
| 1.9 | Wheelbase (drive axle to track wheels) raised / lowered | Y mm | 1285 |
| Weights | | | |
| 2.1 | Service weight | kg | 870 |
| 2.2 | Axle loading, loaded front / rear | kg | 709 / 1161 |
| 2.3 | Axle loading, unloaded front / rear | kg | 609 / 261 |
| Wheels | | | |
| 3.1 | Tires | | Polyurethane |
| 3.2 | Tires size, front | mm | 1 x (230 x 75) |
| 3.3 | Tires size, rear | mm | 1 x (78 x 78) |
| 3.4 | Outrigger dimensions | mm | 1 x (125 x 50) |
| 3.5 | Wheels, number front / rear (X = driven wheels) | | 1 x 1/2 |
| 3.6 | Track width, front | B10 mm | 517 |
| 3.7 | Track width, rear | B11 mm | 380 |
| Basic dimensions | | | |
| 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 |
| 4.15 | Height of forks (lowered) | h13 mm | 85 |
| 4.19 | Overall length | L1 mm | 1870 |
| 4.20 | Length to face of forks | L2 mm | 720 |
| 4.21 | Overall width | B1 mm | 800 |
| 4.22 | Fork dimensions L x W x T | S x E x L mm | 75 x 180 x 1150 |
| 4.24 | Fork carriage width | B3 mm | 680 |
| 4.25 | Width over forks | B5 mm | 560 |
| 4.31 | Ground clearance, under mast | m1 mm | 35 |
| 4.32 | Ground clearance, centre of wheelbase | m2 mm | 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 |
| 4.35 | Turning radius (raised / lowered) | Wa mm | 1465 |
| Performance data | | | |
| 5.1 | Travel speed, loaded / unloaded | km / h | 6 / 6 |
| 5.2 | Lift speed, loaded / unloaded | mm / s | 140 / 240 |
| 5.3 | Lowering speed, loaded / unloaded | mm / s | 300 / 200 |
| 5.8 | Max. Gradient performance, loaded / unloaded | % | 8 / 10 |
| 5.10 | Service brake | | Electromagnetic |
| 5.11 | Parking brake | | Handle release |
| Drive unit | | | |
| 6.1 | Drive motor rating (S2 60 min) | kW | 1.2 (1.0*) |
| 6.2 | Lift motor rating at S3 10% | kW | 3.0 (2.0*) |
| 6.3 | Battery acc. To DIN43531 / 35 / 36, A, B, C | | Traction |
| 6.4 | Battery voltage / nominal capacity | V / Ah | 24 / 180 - 240 |
| 6.5 | Battery weight (+/- 5%) | kg | 180 - 240 |
| Other details | | | |
| 8.1 | Type of drive control | | AC |
| 8.4 | Sound level at driver's ear (driving) | dB (A) | 65 |

* for machines with simplex mast (central cylinder)

PLEASE CONTACT

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