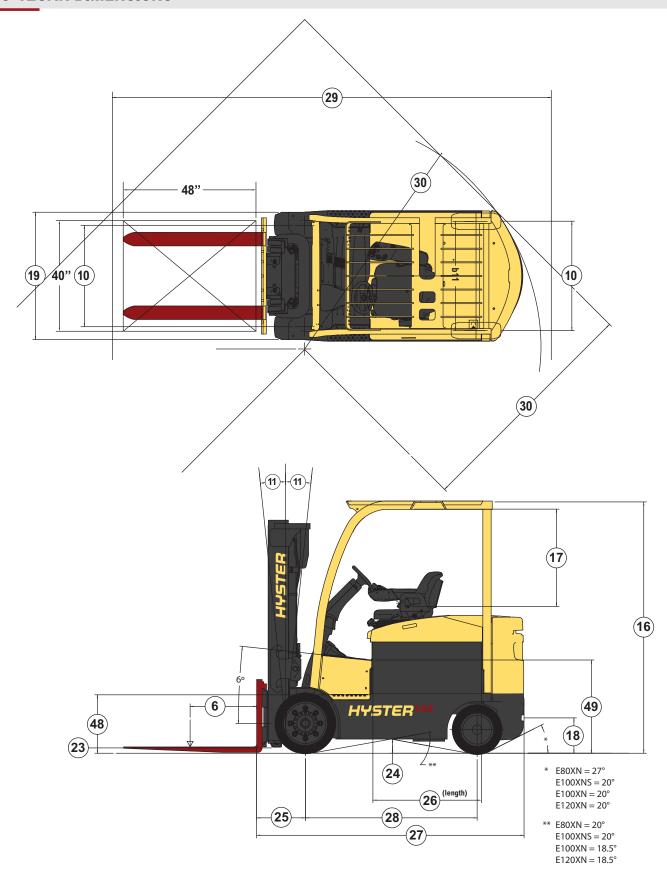


4-WHEEL ELECTRIC FORKLIFT TRUCK CUSHION TIRE PRODUCT TECHNICAL GUIDE





Circled dimensions correspond to the line numbers on the tabulated chart inside the technical guide. Dimensions are in inches (millimeters).

| _ | 4 | 14 6 1 | | | | | 11. (| | | |
|---------------|--|--|---|---|---|--|--|---|--|--|
| | 2 | Manufacturer Madel designation | | | | | Hyster E80XN | | | |
| ¥ | 3 | Model designation | | | | | | | | |
| GENERAL | - | Power | | | | | Electric | | | |
| 핑 | 4 5 | Operation | | | lb (kg) | | Sit | | | |
| | 6 | Rated capacity | | | lb (kg) in (mm) | 8000 (3629) 24 (610) | | | | |
| | 7 | Load center | d proumatio etc | Drive/steer | III (IIIIII) | 24 (610) | | | | |
| RES/ HEELS | 8 | Tire type - cushion, soli Tire size | u, prieumatic, etc. | Drive/steer | in | Cushion/cushion 22 x 9 x 16 / 18 x 6 x 12.1 | | | | |
| | 9 | Wheels - number | X=driven | Drive/steer | 111 | | 2x/2 | | | |
| ⊢≥ | 10 | Tread | Center of tires | Narr dr/wide dr/steer | in (mm) | | 37/41/39.5 (941/1041/1003 |) | | |
| | 11 | Mast tilt | ochtor or thos | Std opt | degrees | | 5F/5B 8F/5B | 7 | | |
| | 12 | Mast - lowered height | | Std mast | in (mm) | | 84.1 (2134) | | | |
| | 13 | Free lift - top of fork | Std 2-stg limited free lift mas | | in (mm) | | 5 (150) | | | |
| | | | Opt 2-stg full free lift mast w | | in (mm) | | 35/53 (900/1352) | | | |
| | 14 | Lift height - top of fork | Std 2-stg limited free lift mas | | in (mm) | | 120 (3050) | | | |
| | 15 | Mast - extended height | Std mast with/without LBR | | in (mm) | | 169/149 (4284/3783) | | | |
| | 16 | Overhead guard height | Std/opt/opt flat plate | | in (mm) | g | 94/91/87.1 (2388/2311/2212 | 2) | | |
| | 17 | Sip to bottom std OHG | Susp at mid-point | Std/susp/swivel | in (mm) | 3 | 37.3/36.3/36.2 (949/924/92 | 2) | | |
| | 18 | Tow pin height | Vertical center of pin | | in (mm) | | 12.7 (324) | | | |
| | 19 | Overall width | Standard tread/wide tread | | in (mm) | | 47.2/50 (1200/1270) | | | |
| 2 | 20 | Forks | Thickness x width x length | | in (mm) | 2 | 2 x 4.9 x 42 (50 x 125 x 106) | 7) | | |
| DIMENSIONS | 21 | Standard carriage width | | Class III | in (mm) | | 42 (1067) | | | |
| ENS | 22 | Floor to top of battery re | | | in (mm) | | 20 (509) | | | |
| ፱ | 23 | Ground clearance | Lowest point | NL/RL | in (mm) | | 3.8/3.5 (96/90) | | | |
| | 24 | Ground clearance | Center of truck | NL/RL | in (mm) | | 5.3/5.1 (134/130) | | | |
| | 25 | Load distance | Center of wheel to face of for | | in (mm) | | 17.6 (447) | | | |
| | 26 | Battery compartment | Height | Without/with battery rollers | in (mm) | | 24.5/24 (622/609) | | | |
| | | | Width | N · · | in (mm) | | 45.4 (1152) | | | |
| | \vdash | | Leventh | Nominal | SIZE | | 39 | | | |
| | 27 | I awath to food of faulto | Length | Actual | in (mm) | 39.2 (996) | | | | |
| | 27 28 | Length to face of forks Wheelbase | | Chassis length | in (mm) | 96.5 (2451) 62 (1574) | | | | |
| | 29 | Right angle stack | | | in (mm) | 150.8 (3831) | | | | |
| | 30 | Equal aisle | Q0° intersecting aicle | | in (mm) in (mm) | 79.4 (2017) | | | | |
| | 31 | Outside turning radius | 1 3 | | | 85.2 (2165) | | | | |
| - | 32 | Truck weight | Without battery | NL | in (mm) lb (kg) | 11070 (5021) | | | | |
| WEIGHT | 33 | Axle loading - drive | Static with max. wt. battery | NL/RL | lb (kg) | | 6728/20098 (3052/9116) | | | |
| × | 34 | Axle loading - steer | Static with max. wt. battery | NL/RL | lb (kg) | | 9141/3771 (4146/1710) | | | |
| | | 9 | , | | (6/ | | STANDARD PERFORMANCI | Ε | | |
| | | | | | VOLTS | 36 | 48 | 80 | | |
| | 36 | Travel speed | Extended shift off | NL/RL | mph (km/h) | 11.2/9.9 (18/15.9) | 11.7/11.4 (18.8/18.3) | 11.7/11.2 (18.8/18) | | |
| | | | Exteriada oriirt ori | | | | | 11.7711.2 (10.0/10) | | |
| | | | Extended shift on | NL/RL | mph (km/h) | 9/8.1 (14.5/13) | 10.9/10.4 (17.5/16.7) | 10.9/10.8 (17.5/17.4) | | |
| | 37 | Lift speed | | NL/RL NL/RL | mph (km/h) ft/min (m/sec) | , | 10.9/10.4 (17.5/16.7) 118/73 (0.6/0.37) | ` ' | | |
| щ | 37 | Lift speed | Extended shift on | | | 9/8.1 (14.5/13) | | 10.9/10.8 (17.5/17.4) | | |
| ANCE | 37 | Lift speed | Extended shift on Std 2-stg LFL mast | NL/RL NL/RL NL/RL | ft/min (m/sec) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) | 118/73 (0.6/0.37) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) | | |
| RMANCE | 38 | Lift speed Lower speed | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast | NL/RL NL/RL NL/RL NL/RL | ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) | | |
| FORMANCE | | | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast | NL/RL NL/RL NL/RL NL/RL NL/RL | ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) | | |
| | 38 | Lower speed | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast | NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL | ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) | | |
| PERFORMANCE | | | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast 5 minute rating | NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL | ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 | | |
| | 38 | Lower speed Gradeability | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating | NL/RL | ft/min (m/sec) % | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 | | |
| | 38 | Lower speed | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating | NL/RL | ft/min (m/sec) % LBF | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 | | |
| | 38 | Lower speed Gradeability Drawbar pull | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating | NL/RL | ft/min (m/sec) % | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 | | |
| | 38 | Lower speed Gradeability | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control | NL/RL Service/parking | ft/min (m/sec) % LBF | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 | | |
| | 38 39 40 41 | Lower speed Gradeability Drawbar pull Brake | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating | NL/RL Service/parking | ft/min (m/sec) % LBF | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 | | |
| | 38 | Lower speed Gradeability Drawbar pull | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control | NL/RL Service/parking | ft/min (m/sec) % LBF | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 | | |
| PERF | 38 39 40 41 | Lower speed Gradeability Drawbar pull Brake | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control | NL/RL Service/parking | ft/min (m/sec) % % LBF LBF | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 | | |
| PERF | 38 39 40 41 | Lower speed Gradeability Drawbar pull Brake | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control | NL/RL Service/parking | ft/min (m/sec) % LBF | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 | | |
| PERF | 38 39 40 41 42 | Lower speed Gradeability Drawbar pull Brake Battery | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control | NL/RL Service/parking Type | ft/min (m/sec) % LBF LBF | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANCE | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 | | |
| | 38 39 40 41 42 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating | ft/min (m/sec) % LBF LBF VOLTS hp (kW) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC) 48 28.8 (21.5) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 | | |
| PERF | 38 39 40 41 42 43 44 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating | ft/min (m/sec) % LBF LBF VOLTS hp (kW) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 | | |
| PERF | 38 39 40 41 42 43 44 45 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method | ft/min (m/sec) % LBF LBF VOLTS hp (kW) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 thium-ion* 80 28.2 (21) 48.3 (36) | | |
| PERF | 38 39 40 41 42 43 44 45 46 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method Traction/pump | ft/min (m/sec) % LBF LBF VOLTS hp (kW) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 thium-ion* 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERF | 38 39 40 41 42 43 44 45 46 47 48 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method Type/control method | ft/min (m/sec) % LBF LBF LBF VOLTS hp (kW) hp (kW) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lif STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely variable/infinitely variable/infinitely variable/1366) 33.7 (855) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 thium-ion* 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERF | 38 39 40 41 42 43 44 45 46 47 48 49 50 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height Attachment relief press | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method Traction/pump | ft/min (m/sec) % LBF LBF VOLTS hp (kW) hp (kW) in (mm) in (mm) psi (bar) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely var | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 thium-ion* 80 28.2 (21) 48.3 (36) | | |
| PERF | 38 39 40 41 42 43 44 45 46 47 48 49 50 51 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height Attachment relief presson | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Service/parking Type 60 minute rating 15% rating Type/control method Traction/pump Lowest point | ft/min (m/sec) % % LBF LBF VOLTS hp (kW) hp (kW) in (mm) in (mm) psi (bar) gal/min (l/min) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely variable/infinitely variable/infinitely variable/155) 16 (60) | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 thium-ion* 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERF | 38 39 40 41 42 43 44 45 46 47 48 49 50 | Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height Attachment relief press | Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Service/parking Type 60 minute rating 15% rating Type/control method Type/control method Traction/pump Lowest point | ft/min (m/sec) % LBF LBF VOLTS hp (kW) hp (kW) in (mm) in (mm) psi (bar) | 9/8.1 (14.5/13) 94/58 (0.48/0.296) 85/53 (0.4336/0.267) 88/54 (0.448/0.276) 23/14.1 8.4/5.4 3327/3193 1246/1232 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 94/104 (0.48/0.53) 75/91 (0.38/0.46) 77/98 (0.39/0.5) 29.3/17.8 10.6/6.8 4023/3864 1511/1497 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely var | 10.9/10.8 (17.5/17.4) 118/73 (0.6/0.37) 107/66 (0.542/0.334) 110/68 (0.56/0.345) 30.1/18.3 10.9/7 4104/3941 1541/1526 thium-ion* 80 28.2 (21) 48.3 (36) | | |

^{*} Optional with Hyster Power Cellect™

Above specifications, unless otherwise listed, are for a standard truck without optional equipment. Right angle stack and equal Intersecting aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

E100XNS DIMENSIONS

| | 1 | Manufacturer | | | | | Hyster | | | |
|----------------------|--|--|---|--|--|---|--|--|--|--|
| | | | | | | | • | | | |
| 爿 | 2 | Model designation | | | | | E100XNS | | | |
| - 2≥ | 3 | Power | | | | | Electric | | | |
| GENERAL | 4 | Operation | | | | | Sit | | | |
| 5 | 5 | Rated capacity | | | lh (ka) | | 10000 (4536) | | | |
| | - | | | | , | (), | | | | |
| | 6 | Load center | | | in (mm) | in (mm) 24 (610) | | | | |
| | 7 | Tire type - cushion, solid, pneumatic, etc. Drive/steer | | | | | Cushion/cushion | | | |
| %⊒ | 8 | Tire size | | Drive/steer | in | 22 x 12 x 16 / 18 x 7 x 12.1 | | | | |
| 쫄벌 | 9 | Wheels - number | X=driven | Drive/steer | | | 2x/2 | | | |
| _> | 10 | Tread | Center of tires | Nar dr/wide dr/steer | in (mm) | | 40/43.9/38.3 (1015/1115/97) | 2) | | |
| | | | Center of thes | | ` ' | - | | 2) | | |
| | 11 | Mast tilt | | Std opt | degrees | | 5F/5B 8F/5B | | | |
| | 12 | Mast - lowered height | | Std mast | in (mm) | | 85 (2138) | | | |
| | 13 | Free lift - top of fork | Std 2-stg limited free lift mas | st | in (mm) | | 5 (150) | | | |
| | | | Opt 2-stg full free lift mast w | ith/without LBR | in (mm) | | 35/48 (897/1222) | | | |
| | 14 | Lift height - top of fork | Std 2-stg limited free lift mas | | in (mm) | | 109 (2790) | | | |
| | 15 | | | | | | (, | | | |
| | _ | Mast - extended height | Std mast with/without LBR | | in (mm) | | 159/144 (4031/3657) | 0, | | |
| | 16 | Overhead guard height | Std/opt/opt flat plate | | in (mm) | | 94/91/87.1 (2388/2311/2212 | , | | |
| | 17 | Sip to bottom std OHG | Susp at mid-point | Std/susp/swivel | in (mm) | | 37.3/36.3/36.2 (949/924/922 | 2) | | |
| | 18 | Tow pin height | Vertical center of pin | | in (mm) | | 12.7 (324) | | | |
| | 19 | Overall width | Standard tread/wide tread | | in (mm) | | 52/55.9 (1320/1420) | | | |
| | 20 | Forks | Thickness x width x length | | in (mm) | | 2 x 5.9 x 42 (50 x 150 x 106) | 7) | | |
| SS | 21 | | • | Close III | | | · · | '1 | | |
| DIMENSIONS | | Standard carriage width | | Class III | in (mm) | | 42 (1067) | | | |
| ž | 22 | Floor to top of battery re | ollers | | in (mm) | | 20 (509) | | | |
| Ξ | 23 | Ground clearance | Lowest point | NL/RL | in (mm) | | 3.6/3.4 (92/87) | | | |
| ☲ | 24 | Ground clearance | Center of truck | NL/RL | in (mm) | | 5.3/5.1 (134/130) | | | |
| | 25 | Load distance | Center of wheel to face of for | | in (mm) | | 17.8 (452) | | | |
| | 26 | | | | . , | | (, | | | |
| | 20 | Battery compartment Height | | Without/with battery rollers | in (mm) | | 24.5/24 (622/609) | | | |
| | | | Width | | in (mm) | | 45.4 (1152) | | | |
| | | | | Nominal | SIZE | 39" | | | | |
| | | | Length | Actual | in (mm) | 39.2 (996) | | | | |
| | | | | Chassis length | in (mm) | 100.3 (2548) | | | | |
| | 28 | Wheelbase | | | in (mm) | | 62 (1574) | | | |
| | _ | | | | | | | | | |
| | 29 | Right angle stack | | in (mm) | | 154 (3911) | | | | |
| | 30 | Equal aisle 90° intersecting aisle | | | in (mm) | | 83 (2107) | | | |
| | 31 | | | | | | | | | |
| | 31 | Outside turning radius | | | in (mm) | | 88.2 (2240) | | | |
| ÷ | 32 | Truck weight | Without battery | NL | in (mm) Ib (kg) | | 88.2 (2240) 13070 (5928) | | | |
| IGHT | 32 | Truck weight | • | | lb (kg) | | 13070 (5928) | | | |
| WEIGHT | 32 33 | Truck weight Axle loading - drive | Static with max. wt. battery | NL/RL | lb (kg) | | 13070 (5928) 6798/23542 (3084/10678) | | | |
| WEIGHT | 32 | Truck weight | • | | lb (kg) | | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) | | | |
| WEIGHT | 32 33 | Truck weight Axle loading - drive | Static with max. wt. battery | NL/RL | lb (kg) lb (kg) lb (kg) | 26 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC | E | | |
| WEIGHT | 32 33 34 | Truck weight Axle loading - drive Axle loading - steer | Static with max. wt. battery Static with max. wt. battery | NL/RL NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS | 36 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 | E 80 | | |
| WEIGHT | 32 33 | Truck weight Axle loading - drive | Static with max. wt. battery Static with max. wt. battery Extended shift off | NL/RL NL/RL NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) | 10.3/8.8 (16.6/14.2) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) | 80 11.4/11 (18.3/17.7) | | |
| WEIGHT | 32 33 34 36 | Truck weight Axle loading - drive Axle loading - steer | Static with max. wt. battery Static with max. wt. battery | NL/RL NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS | | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) | | |
| WEIGHT | 32 33 34 | Truck weight Axle loading - drive Axle loading - steer | Static with max. wt. battery Static with max. wt. battery Extended shift off | NL/RL NL/RL NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) | 10.3/8.8 (16.6/14.2) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) | 80 11.4/11 (18.3/17.7) | | |
| | 32 33 34 36 | Truck weight Axle loading - drive Axle loading - steer Travel speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast | NL/RL NL/RL NL/RL NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) | | |
| | 32 33 34 36 | Truck weight Axle loading - drive Axle loading - steer Travel speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast | NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | | |
| | 32 33 34 36 37 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast | NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) | | |
| | 32 33 34 36 | Truck weight Axle loading - drive Axle loading - steer Travel speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | | |
| ORMANCE | 32 33 34 36 37 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg LFL mast Std 2-stg LFL mast Opt 2-stg FFL mast | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | | |
| ORMANCE | 32 33 34 36 37 38 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) | | |
| | 32 33 34 36 37 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg LFL mast Std 2-stg LFL mast Opt 2-stg FFL mast | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | | |
| ORMANCE | 32 33 34 36 37 38 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) | | |
| ORMANCE | 32 33 34 36 37 38 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg LFL mast Opt 2-stg LFL mast Opt 3-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) | | |
| ORMANCE | 32 33 34 36 37 38 39 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast S minute rating 60 minute rating 5 minute rating | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ht/min (m/sec) Show the second sec | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 | | |
| ORMANCE | 32 33 34 36 37 38 39 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating | NL/RL | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) % | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 | | |
| ORMANCE | 32 33 34 36 37 38 39 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ht/min (m/sec) Show the second sec | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 | | |
| ORMANCE | 32 33 34 36 37 38 38 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating | NL/RL Service/parking | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ht/min (m/sec) Show the second sec | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 | | |
| ORMANCE | 32 33 34 36 37 38 39 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ht/min (m/sec) Show the second sec | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 | | |
| ORMANCE | 32 33 34 36 37 38 38 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ht/min (m/sec) Show the second sec | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ht/min (m/sec) Show the second sec | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) Volts VOLTS | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) VOLTS Mph (kg) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) | | |
| ORMANCE | 32 33 34 36 37 38 38 40 41 42 42 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15 % rating | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) Volts VOLTS | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic d Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) VOLTS Mph (kg) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 5 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method Type/control method | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) VOLTS Mph (kg) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) 48.3 (36) | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) VOLTS Mph (kg) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 5 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) 48.3 (36) | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method Type/control method | Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) VOLTS Mph (kg) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERFORMANCE | 32 33 34 36 37 38 38 40 41 42 42 43 44 45 46 47 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method Type/control method Traction/pump | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) Show the second the sec | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor finitely variable/infinitely va | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 43 44 45 46 47 48 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method Type/control method | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor finitely variable/infinitely va | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 43 44 45 46 46 47 48 49 50 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height Attachment relief press | Static with max. wt. battery Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method Type/control method Traction/pump | Ib (kg) Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) Tt/min (m/sec) ft/min (m/sec) W LBF LBF VOLTS hp (kW) hp (kW) in (mm) in (mm) psi (bar) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor finitely variable/infinitely | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) 48.3 (36) | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 43 44 45 46 47 48 49 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Type 60 minute rating 15 % rating Type/control method Type/control method Traction/pump Lowest point | Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) | 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.4/11.8 7.1/4.5 3323/3185 1242/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 13070 (5928) 6798/23542 (3084/10678) 11069/4325 (5021/1962) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 24.6/14.7 9.1/5.6 3994/3832 1497/1479 Hydraulic/spring applied Foot/automatic 1 Thin Plate Pure Lead* Lit STANDARD PERFORMANC 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor finitely variable/infinitely va | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.2/15.1 9.2/5.8 4074/3909 1527/1509 thium-ion* E 80 28.2 (21) 48.3 (36) | | |

^{*} Optional with Hyster Power Cellect™

Above specifications, unless otherwise listed, are for a standard truck without optional equipment. Right angle stack and equal Intersecting aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

E100XN SPECIFICATIONS

| | 1 | Manufacturer | | | | | Hyster | | | |
|----------------------|--|---|--|---|--|--|--|--|--|--|
| 甘 | 2 | Model designation | | | | | E100XN | | | |
| GENERAL | 3 | Power | | | | | Electric | | | |
| 易 | 4 | Operation | | | | | Sit | | | |
| | 5 | Rated capacity | | | lb (kg) | 10000 (4536) | | | | |
| | 6 | Load center | | | in (mm) | 24 (610) | | | | |
| _ 03 | 7 | Tire type - cushion, soli | d, pneumatic, etc. | Drive/steer | | Cushion/cushion | | | | |
| ES/ | 8 | Tire size | | Drive/steer | in | | 22 x 12 x 16 / 18 x 7 x 12.1 | | | |
| ₽₽₽ | 9 | Wheels - number | X=driven | Drive/steer | | | 2x/2 | | | |
| | 10 | Tread | Center of tires | Nar dr/wide dr/steer | in (mm) | 4 | 0/43.9/38.3 (1015/1115/97 | 2) | | |
| | 11 | Mast tilt | | Std opt | degrees | | 5F/5B 8F/5B | | | |
| | 12 | Mast - lowered height | | Std mast | in (mm) | | 85 (2138) | | | |
| | 13 | Free lift - top of fork | Std 2-stg limited free lift mas | st | in (mm) | | 5 (150) | | | |
| | | | Opt 2-stg full free lift mast w | rith/without LBR | in (mm) | | 35/48 (897/1222) | | | |
| | 14 | Lift height - top of fork | Std 2-stg limited free lift mas | st | in (mm) | | 109 (2790) | | | |
| | 15 | Mast - extended height | Std mast with/without LBR | | in (mm) | | 159/144 (4031/3657) | | | |
| | 16 | Overhead guard height | Std/opt/opt flat plate | | in (mm) | Ś | 94/91/87.1 (2388/2311/2212 | 2) | | |
| | 17 | Sip to bottom std OHG | Susp at mid-point | Std/susp/swivel | in (mm) | 3 | 37.3/36.3/36.2 (949/924/922 | 2) | | |
| | 18 | Tow pin height | Vertical center of pin | | in (mm) | | 12.7 (324) | | | |
| | 19 | Overall width | Standard tread/wide tread | | in (mm) | | 52/55.9 (1320/1420) | | | |
| S | 20 | Forks | Thickness x width x length | | in (mm) | 2 | 2 x 5.9 x 42 (50 x 150 x 106) | 7) | | |
| ě | 21 | Standard carriage width | | Class III | in (mm) | | 42 (1067) | | | |
| DIMENSIONS | 22 | Floor to top of battery ro | | | in (mm) | | 20 (509) | | | |
| Ī | 23 | Ground clearance | Lowest point | NL/RL | in (mm) | | 3.6/3.4 (92/87) | | | |
| | 24 | Ground clearance | Center of truck | NL/RL | in (mm) | | 5.3/5.1 (134/130) | | | |
| | 25 | Load distance | Center of wheel to face of for | | in (mm) | | 17.8 (452) | | | |
| | 26 | Battery compartment | Height | Without/with battery rollers | in (mm) | | 24.5/24 (622/609) | | | |
| | | | Width | | in (mm) | | 45.4 (1152) | | | |
| | | | | Nominal | SIZE | 45" | | | | |
| | | | Length | Actual | in (mm) | 45.7 (1161) | | | | |
| | 27 | Length to face of forks | | Chassis length | in (mm) | 103.1 (2621) | | | | |
| | 28 | Wheelbase | | | in (mm) | 68.5 (1739) | | | | |
| | 29 | Right angle stack | | | in (mm) | 158 (4012) | | | | |
| | 30 | Equal aisle | 90° intersecting aisle | in (mm) | | 84.3 (2141) | | | | |
| | | | · · · · · · · · · · · · · · · · · · · | | , , | | | | | |
| | 31 | Outside turning radius | | | in (mm) | | 92.2 (2341) | | | |
| 눞 | 32 | Truck weight | Without battery | NL | in (mm) Ib (kg) | | 92.2 (2341) 12300 (5579) | | | |
| /EIGHT | 32 33 | Truck weight Axle loading - drive | Static with max. wt. battery | NL/RL | in (mm) lb (kg) lb (kg) | | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) | | | |
| WEIGHT | 32 | Truck weight | • | | in (mm) Ib (kg) | | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) | | | |
| WEIGHT | 32 33 | Truck weight Axle loading - drive | Static with max. wt. battery | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) | | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE | | | |
| WEIGHT | 32 33 34 | Truck weight Axle loading - drive Axle loading - steer | Static with max. wt. battery Static with max. wt. battery | NL/RL NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS | 36 | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE | 80 | | |
| WEIGHT | 32 33 | Truck weight Axle loading - drive | Static with max. wt. battery Static with max. wt. battery Extended shift off | NL/RL NL/RL NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) | 36 10.3/8.8 (16.6/14.2) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) | 80 11.4/11 (18.3/17.7) | | |
| WEIGHT | 32 33 34 36 | Truck weight Axle loading - drive Axle loading - steer Travel speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on | NL/RL NL/RL NL/RL NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCI 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) | | |
| WEIGHT | 32 33 34 | Truck weight Axle loading - drive Axle loading - steer | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast | NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) | | |
| | 32 33 34 36 | Truck weight Axle loading - drive Axle loading - steer Travel speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast | NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCI 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | | |
| | 32 33 34 36 37 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast | NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCI 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) | | |
| | 32 33 34 36 | Truck weight Axle loading - drive Axle loading - steer Travel speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC: 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | | |
| FORMANCE | 32 33 34 36 37 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 2-stg FFL mast | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC! 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) | | |
| | 32 33 34 36 37 38 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 2-stg FFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC: 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) | | |
| FORMANCE | 32 33 34 36 37 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC: 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 | | |
| FORMANCE | 32 33 34 36 37 38 39 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 2-stg LFL mast Opt 3-stg LFL mast Opt 2-stg LFL mast Opt 3-stg FFL mast | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 | | |
| FORMANCE | 32 33 34 36 37 38 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 2-stg LFL mast Opt 3-stg LFL mast Opt 2-stg LFL mast Opt 3-stg FFL mast S minute rating 60 minute rating 5 minute rating | NL/RL | in (mm) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) M LBF | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 | | |
| FORMANCE | 32 33 34 36 37 38 39 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 | | |
| FORMANCE | 32 33 34 36 37 38 39 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL Service/parking | in (mm) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) M LBF | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 | | |
| FORMANCE | 32 33 34 36 37 38 39 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 60 minute rating | NL/RL Service/parking | in (mm) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) M LBF | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 | | |
| FORMANCE | 32 33 34 36 37 38 39 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL Service/parking | in (mm) Ib (kg) Ib (kg) VOLTS Mph (km/h) Mph (km/h) ft/min (m/sec) M LBF | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 88/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Litt | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL Service/parking | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) LBF LBF | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC! 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 88/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lits | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL Service/parking Type | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) tt/min (m/sec) St/min (m/sec) Tt/min (m/sec) Volts | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCI 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANCI | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL Service/parking Type | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) tt/min (m/sec) ft/min (m/sec) tt/min (m/sec) ht/min (m/sec) tt/min (m/sec) tt/min (m/sec) tt/min (m/sec) ht/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC! 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC! 48 28.8 (21.5) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 | | |
| FORMANCE | 32 33 34 36 37 38 39 40 41 42 42 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL Service/parking Type 60 minute rating 15% rating | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) tt/min (m/sec) St/min (m/sec) Tt/min (m/sec) Volts | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC! 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC! 48 28.8 (21.5) 48.3 (36) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) tt/min (m/sec) ft/min (m/sec) tt/min (m/sec) ht/min (m/sec) tt/min (m/sec) tt/min (m/sec) tt/min (m/sec) ht/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC! 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC! 48 28.8 (21.5) 48.3 (36) AC/transistor | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FF | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) tt/min (m/sec) ft/min (m/sec) tt/min (m/sec) ht/min (m/sec) tt/min (m/sec) tt/min (m/sec) tt/min (m/sec) ht/min (m/sec) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANC! 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANC! 48 28.8 (21.5) 48.3 (36) AC/transistor | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 chium-ion* 80 28.2 (21) 48.3 (36) | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast S minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ** **LBF** LBF** VOLTS** hp (kW) hp (kW) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANCE 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely variable/ | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 chium-ion* 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 48 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height | Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Std 2-stg LFL mast Opt 3-stg FFL mast S minute rating 60 minute rating Method of control | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method Type/control method Traction/pump | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANCE 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely variatically variable/infinitely variatically | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 chium-ion* 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 43 44 45 46 47 48 49 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds | Static with max. wt. battery Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control Method of operation | NL/RL | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCI 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANCI 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor AC/transistor initely variable/infinitely variatic 21.1 (536) 33.7 (855) | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 chium-ion* 80 28.2 (21) 48.3 (36) | | |
| PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 48 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height | Static with max. wt. battery Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast Opt 3-stg FFL mast 5 minute rating 60 minute rating 5 minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Type 60 minute rating 15% rating Type/control method Type/control method Traction/pump | in (mm) Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCE 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANCE 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely variatically variable/infinitely variatically | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 chium-ion* 80 28.2 (21) 48.3 (36) | | |
| ELECTRIC PERFORMANCE | 32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 48 49 50 | Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradeability Drawbar pull Brake Battery Traction motor Pump motor Traction motor Pump motor Number of speeds Step height Floor height Attachment relief pressu | Static with max. wt. battery Static with max. wt. battery Static with max. wt. battery Extended shift off Extended shift on Std 2-stg LFL mast Opt 2-stg FFL mast Opt 3-stg FFL mast S minute rating 60 minute rating Method of control Method of operation | NL/RL Service/parking Service/parking Type 60 minute rating 15% rating Type/control method Type/control method Traction/pump Lowest point | in (mm) lb (kg) lb (kg) lb (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ht/min (m/sec) ft/min (m/sec) ft/min (m/sec) ht/min (m/sec) ht/min (m/sec) in (m/sec) in (mm) in (mm) psi (bar) | 36 10.3/8.8 (16.6/14.2) 8.8/7.6 (14.2/12.3) 71/46 (0.36/0.232) 67/43 (0.34/0.219) 68/44 (0.346/0.223) 19.9/11.9 7.3/4.5 3322/3185 1241/1224 Lead acid 36 28.8 (21.5) 35.5 (26.5) | 92.2 (2341) 12300 (5579) 7708/23813 (3496/10801) 10139/4035 (4599/1830) STANDARD PERFORMANCI 48 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 73/89 (0.37/0.45) 57/81 (0.29/0.41) 63/87 (0.32/0.44) 25.2/15 9.2/5.7 3970/3809 1488/1470 Hydraulic/spring applied Foot/automatic Thin Plate Pure Lead* Lit STANDARD PERFORMANCI 48 28.8 (21.5) 48.3 (36) AC/transistor AC/transistor initely variable/infinitely variable/ | 80 11.4/11 (18.3/17.7) 10.9/9.9 (17.5/15.9) 89/57 (0.45/0.29) 84/54 (0.425/0.274) 85/55 (0.433/0.279) 25.8/15.3 9.4/5.9 4049/3885 1518/1500 chium-ion* 80 28.2 (21) 48.3 (36) | | |

^{*} Optional with Hyster Power Cellect™

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

Right angle stack and equal Intersecting aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

E120XN DIMENSIONS

| | 1 | Manufacturer | | | | | Hyster | | | | |
|------------|----|-----------------------------------|--|------------------------------|-----------------------------|---------------------------|----------------------------------|-----------------------|--|--|--|
| | 2 | Model designation | | | | | E120XN | | | | |
| GENERAL | 3 | Power | | | | | Electric | | | | |
| 岁 | 4 | Operation | | | | | Sit | | | | |
| 뜅 | 5 | Rated capacity | | | lb (kg) | | 12000 (5443) | | | | |
| | 6 | Load center | | | in (mm) | | | | | | |
| | 7 | | d prograntia ata | Drive/steer | 111 (111111) | 24 (610) Cushion/cushion | | | | | |
| ~ o | | Tire type - cushion, soli | u, prieumatic, etc. | | i | | 1 | | | | |
| RES/ | 8 | Tire size | v | Drive/steer | in | | 22 x 12 x 16 / 18 x 7 x 12. | | | | |
| ₽Ş | 9 | Wheels - number | X=driven | Drive/steer | | | 2x/2 | | | | |
| | 10 | Tread | Center of tires | Nar dr/wide dr/steer | in (mm) | | 40/43.9/38.3 (1015/1115/97 | 2) | | | |
| | 11 | Mast tilt | | Std opt | degrees | | 5F/5B 8F/5B | | | | |
| | 12 | Mast - lowered height | | Std mast | in (mm) | | 85 (2138) | | | | |
| | 13 | Free lift - top of fork | Std 2-stg limited free lift mas | st | in (mm) | | 5 (150) | | | | |
| | | | Opt 2-stg full free lift mast w | ith/without LBR | in (mm) | | 35/48 (897/1222) | | | | |
| | 14 | Lift height - top of fork | Std 2-stg limited free lift mas | st | in (mm) | | 109 (2790) | | | | |
| | 15 | Mast - extended height | Std mast with/without LBR | | in (mm) | | 159/144 (4031/3657) | | | | |
| | 16 | Overhead guard height | Std/opt/opt flat plate | | in (mm) | ! | 94/91/87.1 (2388/2311/221 | 2) | | | |
| | 17 | Sip to bottom std OHG | Susp at mid-point | Std/susp/swivel | in (mm) | ; | 37.3/36.3/36.2 (949/924/92 | 2) | | | |
| | 18 | Tow pin height | Vertical center of pin | | in (mm) | | 12.7 (324) | | | | |
| | 19 | Overall width | Standard tread/wide tread | | in (mm) | | 52/55.9 (1320/1420) | | | | |
| S | 20 | Forks | Thickness x width x length | | in (mm) | 2 | .4 x 5.9 x 42 (60 x 150 x 10 | 67) | | | |
| DIMENSIONS | 21 | Standard carriage width Class III | | | in (mm) | | 42 (1067) | | | | |
| SIS | 22 | Floor to top of battery re | ollers | | in (mm) | | 20 (509) | | | | |
| Ē | 23 | Ground clearance | Lowest point | NL/RL | in (mm) | | 3.6/3.4 (92/87) | | | | |
| | 24 | Ground clearance | Center of truck | NL/RL | in (mm) | | 5.3/5.1 (134/130) | | | | |
| | 25 | Load distance | Center of wheel to face of for | rks | in (mm) | | 18.2 (462) | | | | |
| | 26 | Battery compartment | Height | Without/with battery rollers | in (mm) | | 24.5/24 (622/609) | | | | |
| | | | Width | | in (mm) | | 45.4 (1152) | | | | |
| | | | | Nominal | SIZE | | 45" | | | | |
| | | | Length | Actual | in (mm) | 45.7 (1161) | | | | | |
| | 27 | Length to face of forks | | Chassis length | in (mm) | 107.2 (2724) | | | | | |
| | 28 | Wheelbase | | | in (mm) | 68.5 (1739) | | | | | |
| | 29 | Right angle stack | | | in (mm) | | 161.5 (4101) | | | | |
| | 30 | Equal aisle | 90° intersecting aisle | | in (mm) | 85.7 (2178) | | | | | |
| | 31 | Outside turning radius | | | in (mm) | | | | | | |
| + | 32 | Truck weight | Without battery | NL | lb (kg) | | 13810 (6264) | | | | |
| WEIGHT | 33 | Axle loading - drive | Static with max. wt. battery | NL/RL | lb (kg) | | 7466/26860 (3387/12183) |) | | | |
| ⋝ | 34 | Axle loading - steer | Static with max. wt. battery | NL/RL | lb (kg) 11886/4491 (5391/20 | | | | | | |
| | | | | | | | STANDARD PERFORMANC | E | | | |
| | | | | | VOLTS | 36 | 48 | 80 | | | |
| | 36 | Travel speed | Extended shift off | NL/RL | mph (km/h) | 9.4/8 (15.1/12.9) | 10.4/10.4 (16.7/16.7) | 10.4/10.4 (16.7/16.7) | | | |
| | | | Extended shift on | NL/RL | mph (km/h) | 8.2/7 (13.2/11.3) | 10.4/9 (16.7/14.5) | 10.4/9 (16.7/14.5) | | | |
| | 37 | Lift speed | Std 2-stg LFL mast | NL/RL | ft/min (m/sec) | 71/43 (0.36/0.216) | 89/53 (0.45/0.27) | 89/53 (0.45/0.27) | | | |
| щ. | | | Opt 2-stg FFL mast | NL/RL | ft/min (m/sec) | 67/40 (0.34/0.204) | 84/50 (0.425/0.255) | 84/50 (0.425/0.255) | | | |
| ORMANCE | | | Opt 3-stg FFL mast | NL/RL | ft/min (m/sec) | 68/41 (0.346/0.208) | 85/51 (0.433/0.26) | 85/51 (0.433/0.26) | | | |
| Ž | 38 | Lower speed | Std 2-stg LFL mast | NL/RL | ft/min (m/sec) | | 73/89 (0.37/0.45) | | | | |
| | | | Opt 2-stg FFL mast | NL/RL | ft/min (m/sec) | | 57/81 (0.29/0.41) | | | | |
| PERF | | | Opt 3-stg FFL mast | NL/RL | ft/min (m/sec) | | 63/87 (0.32/0.44) | | | | |
| <u> </u> | 39 | Gradeability | 5 minute rating | NL/RL | % | 18.5/10.4 | 22.8/13.1 | 23.3/13.4 | | | |
| | | | 60 minute rating | NL/RL | % | 6.6/4 | 8.3/5.1 | 8.5/5.1 | | | |
| | 40 | Drawbar pull | 5 minute rating | NL/RL | LBF | 3320/3179 | 3918/3755 | 3996/3830 | | | |
| | | | 60 minute rating | NL/RL | LBF | 1239/1218 | 1466/1445 | 1495/1474 | | | |
| | 41 | Brake | Method of control | Service/parking | | | Hydraulic/spring applied | | | | |
| | | | Method of operation | Service/parking | | | Foot/automatic | | | | |
| | 42 | Battery | | Туре | | Lead acid | Thin Plate Pure Lead* Li | | | | |
| | | | | | | | STANDARD PERFORMANC | | | | |
| ೨ | | | | | VOLTS | 36 | 48 | 80 | | | |
| I. | 43 | Traction motor | | 60 minute rating | hp (kW) | 28.8 (21.5) | 28.8 (21.5) | 28.2 (21) | | | |
| ELECTRIC | 44 | Pump motor | | 15% rating | hp (kW) | 35.5 (26.5) | 48.3 (36) | 48.3 (36) | | | |
| ш | 45 | Traction motor | | Type/control method | | | AC/transistor | | | | |
| | 46 | Pump motor | | Type/control method | | | AC/transistor | | | | |
| | 47 | Number of speeds | | Traction/pump | | Inf | initely variable/infinitely vari | able | | | |
| | 48 | Step height | | | in (mm) | | 21.1 (536) | | | | |
| 2 | 49 | Floor height | | Lowest point | in (mm) | | 33.7 (855) | | | | |
| | 50 | Attachment relief pressu | ure | | psi (bar) | | 2250 (155) | | | | |
| 臣 | | | | | | 16 (60) | | | | | |
| OTHER | 51 | Auxiliary oil flow | 3rd and 4th function | | gal/min (l/min) | | | | | | |
| ОТНІ | | Auxiliary oil flow Sound level | 3rd and 4th function Measured per ANSI B56.11.5 | 5 | gal/min (l/min) dB (A) | | 16 (60) 69/66 | | | | |

^{*} Optional with Hyster Power Cellect™

Above specifications, unless otherwise listed, are for a standard truck without optional equipment. Right angle stack and equal Intersecting aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

MAST DIMENSIONS AND BATTERY SPECIFICATIONS

| Maximum fork height (TOF) + | Overall lowered height | Overall extended height w/load backrest | Overall extended height w/o load backrest | Free-lift (TOF) w/ load backrest | Free-lift (TOF) w/o load backrest in (mm) | |
|--------------------------------|------------------------|--|---|-------------------------------------|---|--|
| in (mm) | in (mm) | in (mm) | in (mm) | in (mm) | | |
| 2-STAGE LIMITED FREE-LIF | FT (LFL) MAST | | | | | |
| 120 (3050) | 84 (2134) | 176 (4455) | 149 (3783) | 5 (150) | 5 (150) | |
| 143 (3650) | 96 (2434) | 193 (4884) | 173 (4383) | 5 (150) | 5 (150) | |
| 2-STAGE FULL FREE-LIFT (| FFL) MAST | | | | | |
| 121 (3075) | 84 (2134) | 170 (4309) | 152 (3857) | 35 (900) | 53 (1352) | |
| 144 (3675) | 96 (2434) | 194 (4909) | 176 (4457) | 47 (1200) | 65 (1652) | |
| -STAGE FULL FREE-LIFT (| FFL) MAST | | | | | |
| 173 (4415) | 84 (2134) | 223 (5649) | 205 (5197) | 35 (900) | 53 (1352) | |
| 185 (4715) | 88 (2234) | 235 (5949) | 217 (5497) | 39 (1000) | 57 (1452) | |
| 194 (4950) | 92 (2334) | 244 (6184) | 226 (5732) | 43 (1100) | 61 (1552) | |
| 218 (5550) | 100 (2534) | 268 (6784) | 250 (6332) | 51 (1300) | 69 (1752) | |

| E100XNS, E100XN, E120XN MAST DIMENSIONS | | | | | | | | | | | | |
|---|--------------------------------------|---|---|-------------------------------------|--------------------------------------|--|--|--|--|--|--|--|
| Maximum fork height (TOF) + | Overall lowered height | Overall extended height w/load backrest | Overall extended height w/o load backrest | Free-lift (TOF) w/ load backrest | Free-lift (TOF) w/o load backrest | | | | | | | |
| in (mm) | in (mm) | in (mm) | in (mm) | in (mm) | in (mm) | | | | | | | |
| 2-STAGE LIMITED FREE-LIF | 2-STAGE LIMITED FREE-LIFT (LFL) MAST | | | | | | | | | | | |
| 109 (2790) | 85 (2138) | 159 (4031) | 144 (3657) | 5 (150) | 5 (150) | | | | | | | |
| 133 (3390) | 96 (2438) | 183 (4631) | 168 (4257) | 5 (150) | 5 (150) | | | | | | | |
| 157 (3990) | 108 (2738) | 206 (5231) | 192 (4857) | 5 (150) | 5 (150) | | | | | | | |
| 2-STAGE FULL FREE-LIFT (I | FFL) MAST | | | | | | | | | | | |
| 110 (2815) | 85 (2138) | 160 (4056) | 147 (3731) | 35 (897) | 48 (1222) | | | | | | | |
| 134 (3415) | 96 (2438) | 184 (4656) | 171 (4331) | 47 (1197) | 59 (1522) | | | | | | | |
| 3-STAGE FULL FREE-LIFT (I | FFL) MAST | | | | | | | | | | | |
| 162 (4137) | 85 (2138) | 212 (5378) | 200 (5058) | 35 (897) | 47 (1217) | | | | | | | |
| 184 (4690) | 92 (2338) | 234 (5931) | 221 (5611) | 43 (1097) | 55 (1417) | | | | | | | |
| 208 (5290) | 100 (2538) | 258 (6531) | 245 (6211) | 51 (1297) | 63 (1617) | | | | | | | |

| BATTERY AND COMPARTMENT SPECIFICATIONS | | | | | | | | | | | | |
|--|--------------------------------|-------------|------------|---------------------------------------|-------------|------------|-------|--------------|--------------------|--------------|-------------|-------------|
| | Battery compartment dimensions | | | Battery dimensions and specifications | | | | | | Max capacity | Weight | |
| Truck model | Width | Length | Height | "X" | "Y" | "Z" | Volts | No. of cells | Plates per cell | 6 hour rate | Min | Max |
| | in (mm) | | | in (mm) | | ا ا | 00113 | per cen | amp hr (kwh) | lb (kg) | | |
| E80XN | | | | | | | 36 | 18 | 33 | 2300 (80.3) | | |
| E100XNS | 45.4 (1152) | 39.2 (996) | 24.5 (622) | 45 (1143) | 39 (990) | 23.9 (608) | 48 | 24 | 29 | 1800 (83.8) | 3400 (1542) | 4800 (2177) |
| 39" Compartment | | | | | | | 80 | 40 | 15 | 1000 (77.6) | | |
| E100XN | | | | | | | 36 | 36 | 19 | 2300 (160.6) | | |
| E120XN | 45.4 (1152) | 45.7 (1161) | 24.5 (622) | 45 (1143) | 45.3 (1150) | 23.9 (608) | 48 | 24 | 33 | 1800 (83.8) | 4000 (1814) | 5500 (2517) |
| 45" Compartment | | | | | | | 80 | 40 | 17 | 1000 (77.6) | | |

Battery type: "EO" (without cover)
Battery amp hr (kwh) capacity is max allowable per UL
Commercially available lead acid batteries may not necessarily
reach these max limits

Battery roller option reduces battery compartment height to 24.0" (609mm) & max battery height to 23.4" (595mm) Battery compartment length is measured front to rear. Battery compartment width is measured across the truck

Battery notes – Conventional charging (BCSSBC)
Battery connector: 36-volt - Gray SB®350 (Anderson Power Products® P/N 6320G2 or equivalent)
48-volt - Blue SB®350 (Anderson Power Products® P/N 6321G2 or equivalent)
80-volt - Black SBE®320 (Anderson Power Products® P/N E6359G3 or equivalent)
Handle (not required): SB®350 and SBE®320 (Anderson Power Products®: "A" TYPE (gray) P/N 995G2 or equivalent)
Battery lead: length 20" (508 mm), position "B", 4/0 AWG

Battery notes – Rapid/fast charging (BARFBC)
Battery connector: Requires dual positive/negative cabling terminating in (2) Female EBC-320 DIN connectors (Anderson Power Products® P/N E32504-00X9 or equivalent)
Each individual DIN connector to include 1 red conductor to (+) and 1 black conductor to (-)
Battery lead: Length 25" (635 mm), position "B", minimum cable size 4/0 AWG

E80-120XN FEATURES AND OPTIONS

| PERFORMANCE | STD | OPT |
|--|-----|-----|
| 36-volt electrical system | Х | |
| AC traction and pump motors (completely brushless) | Х | |
| Transistor drive and pump control | Х | |
| Advanced VSM (Vehicle System Manager) | Х | |
| Regenerative braking | Х | |
| 48-volt electrical system | | Х |
| 80-volt electrical system | | Х |
| Reverse Speed System | | Х |
| DRIVE | STD | OPT |
| Smooth tread rubber drive tire and steer tire | Х | |
| Non-marking, rubber, or lug tread tires | | Х |
| Wide tread tires | | Х |
| LIFT | STD | OPT |
| 2-stage limited free lift (LFL) mast with maximum fork height of 120" (3050mm) (E80XN) | х | |
| 2-stage limited free lift (LFL) mast with maximum fork height | _ | |
| of 109" (2790mm) (E100-120XN) | Х | |
| 5° forward and 5° back mast tilt | Х | |
| 2-stage full free lift mast | | Х |
| 3-stage full free lift mast | | Х |
| 8° forward/5° back tilt | | Х |
| HANDLING | STD | OPT |
| 42" (1067mm) wide hook-type carriage with 48" (1219mm) high load | x | |
| backrest extension | ^ | |
| 42" (1067 mm) long forks | Х | |
| 48" (1220 mm) wide hook type carriage w/ 48" high load backrest extension | | Х |
| 42" (1067 mm) wide attachment carriage (E100XN/XNS) | | Х |
| 42" (1067 mm) wide integral side shift (E80XN) | | Х |
| 48" (1220 mm) integral sideshift carriage | | Х |
| Multiple fork lengths | | Х |
| Return to set tilt | | Х |
| Hydraulic attachment extension tubes with or without quick disconnect fittings | | Х |
| Load weight indicator | | Х |
| Accumulator | | Х |
| ERGONOMICS | STD | OPT |
| Foot directional control pedal | Х | |
| Mechanical hydraulic levers | Х | |
| Steering wheel w/integral spinner knob | Х | |
| Non-suspension vinyl seat | Х | |
| Black, non-cinch seat belt with Emergency Locking Retractor (ELR) | Х | |
| Automatic park brake | Х | |
| Power assist braking | Х | |
| On-demand hydrostatic power-assist steering | х | |
| Auto Deceleration System | Х | |
| Multifunction display (high mount) | х | |
| Easy ingress/egress with low step height and contoured handhold | Х | |
| Operator convenience station | х | |
| Adjustable tilt steering column | х | |
| Operator Presence System (OPS) | х | |
| Cushioned floormat | х | |
| Seatside power disconnect button | х | |
| Non-suspension cloth seat | | х |
| Full-suspension seat (vinyl or cloth) | | Х |

| ERGONOMICS (continued) | STD | OPT |
|---|-----|-----|
| Full-suspension swivel seat (vinyl or cloth) | | Х |
| Seatside directional control | | Х |
| Telescoping steering column with tilt memory | | Х |
| LED dome/reading light | | Х |
| Rear drive handle with horn button | | Х |
| Dual rear view mirrors | | Х |
| Panoramic rear view mirror | | Х |
| Red, high-visibility, non-cinch seat belt with or without interlock | | Х |
| Low mount display | | Х |
| TouchPoint mini-levers | | Х |
| OPERATION | STD | OPT |
| Standard environmental construction | Х | |
| Key switch start | х | |
| 94" grid style overhead guard | Х | |
| 3-function hydraulic control valve | х | |
| Fully integrated CANbus communication | X | |
| Battery removal without rollers - lift out | х | |
| Static strap | X | |
| Tow pin | X | |
| Type "E" UL construction | X | |
| Hyster Stability System (HSS®) | X | |
| Cooler/freezer package – operating temperatures: -20°F to +120° F | | Х |
| 4-function hydraulic control valve | | Х |
| Horizontal Battery Extraction (rollers) | | X |
| Keyless start (with auxiliary key switch) | | Х |
| LED brake/tail/back-up light packages | | X |
| LED and halogen work light packages | | Х |
| Key switch controlled lights | | X |
| Audible alarm - reverse operation (manually adjustable to 87, 97 or 102 dB) | | Х |
| Visible amber strobe light - continuous activated, overhead guard mounted | | X |
| Fire extinguisher - 2.5lb dry chemical | | Х |
| Impact monitor with programmable shutdown | | X |
| Operator password start interlock | | Х |
| Operator daily checklist | | X |
| System monitor - hydrualic low fluid level indicator and hydraulic filter | | |
| service indicator | | Х |
| Programmable maintenance reminder | | Х |
| Rapid/fast charge | | х |
| Type "EE" UL construction | | Х |
| 12-volt auxiliary power supply | | Х |
| Auxiliary DC-DC converter | | Х |
| 91" grid style overhead guard | | х |
| 87" flat plate overhead guard | | Х |
| Hyster Reaction™ | | х |
| SUPPLEMENTAL | STD | OPT |
| Operating manual | Х | |
| 12 month/2,000 hour full truck warranty | Х | |
| 36 month/6,000 hour powertrain warranty | х | |
| ENERGY SYSTEM | STD | OPT |
| Lead acid | Х | |
| Hyster Power Cellect™ | | Х |
| | | |



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