

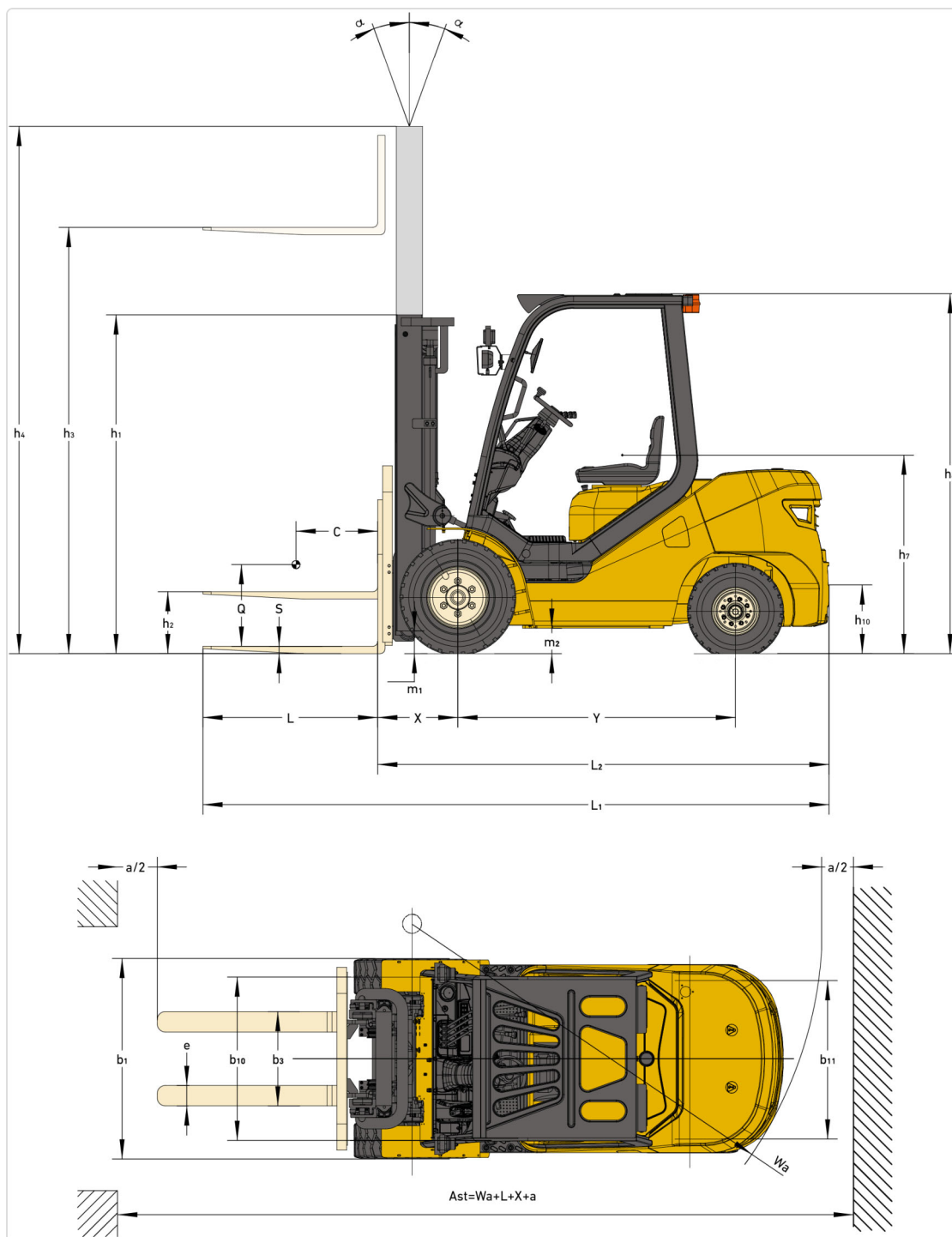


# ERP40- 70MXLG SERIES



## INTEGRATED LITHIUM-ION COUNTERBALANCE FORKLIFT **Technical Specifications**

# TRUCK DIAGRAM



TECHNICAL DATA

Specifications Table - ERP40-50MXLG

| Description         | 1.2    | Model                                            | ERP40MXLG 115V        | ERP40MXLG 154V           | ERP50MXLG 115V           | ERP50MXLG 154V           |
|---------------------|--------|--------------------------------------------------|-----------------------|--------------------------|--------------------------|--------------------------|
| Distinguishing Mark | 1.1    | Manufacturer                                     | Yale                  | Yale                     | Yale                     | Yale                     |
|                     | 1.3    | Drive                                            | Electric              | Electric                 | Electric                 | Electric                 |
|                     | 1.4    | Operator Type                                    | Seated                | Seated                   | Seated                   | Seated                   |
|                     | 1.5    | Rated Capacity/Rated Load                        | 4000 (2000)           | 4000 (2000)              | 5000 (2500)              | 5000 (2500)              |
|                     | 1.6    | Load Center Distance                             | 24 (610)              | 24 (610)                 | 24 (610)                 | 24 (610)                 |
|                     | 1.8    | Load Distance, Center Of Drive Axle To Fork      | 18.74 (476)           | 18.74 (476)              | 18.74 (476)              | 18.74 (476)              |
| Weight              | 1.9    | Wheelbase                                        | 63 (1600)             | 63 (1600)                | 63 (1600)                | 63 (1600)                |
|                     | 2.1    | Service Weight                                   | 7835 (3554)           | 8093 (3671)              | 8408 (3814)              | 8666 (3931)              |
|                     | 2.2    | Axle Loading, Laden Front/Rear                   | 10800/1444 (4899/655) | 11030/1473 (5003/668)    | 12277/1642 (5569/745)    | 12507/1671 (5673/758)    |
|                     | 2.3    | Axle Loading, Unladen Front/Rear                 | 3020/4815 (1370/2184) | 3108/4985 (1410/2261)    | 3274/5135 (1485/2329)    | 3373/5293 (1530/2401)    |
| Tires & Chassis     | 3.1    | Tires Front/Rear                                 | pneumatic             | pneumatic                | pneumatic                | pneumatic                |
|                     | 3.2    | Tire Size, Front                                 | 7.00-12-12PR          | 7.00-12-12PR             | 7.00-12-12PR             | 7.00-12-12PR             |
|                     | 3.3    | Tire Size, Rear                                  | 6.00-9-10PR           | 6.00-9-10PR              | 6.00-9-10PR              | 6.00-9-10PR              |
|                     | 3.5    | Wheels, Number Front/Rear                        | 2x/2                  | 2x/2                     | 2x/2                     | 2x/2                     |
|                     | 3.6    | Tread, Front                                     | 38.2 (970)            | 38.2 (970)               | 38.2 (970)               | 38.2 (970)               |
|                     | 3.6    | Tread, Rear                                      | 38.6 (980)            | 38.6 (980)               | 38.6 (980)               | 38.6 (980)               |
|                     | 3.7    | Tilt Of Mast/Fork Carriage, Forward/Backward     | 6/12                  | 6/12                     | 6/12                     | 6/12                     |
| Dimensions          | 4.1    | Height, Mast Lowered                             | h1 in (mm)            | 79.1 (2010)              | 79.1 (2010)              | 79.1 (2010)              |
|                     | 4.2    | Free Lift                                        | h2 in (mm)            | 6.3 (160)                | 6.3 (160)                | 6.3 (160)                |
|                     | 4.3    | Lift                                             | h3 in (mm)            | 118.1 (3000)             | 118.1 (3000)             | 118.1 (3000)             |
|                     | 4.4    | Height, Mast Extended                            | h4 in (mm)            | 140.7 (3575)             | 140.7 (3575)             | 140.7 (3575)             |
|                     | 4.5    | Height Of Overhead Guard                         | h6 in (mm)            | 86 (2180)                | 86 (2180)                | 86 (2180)                |
|                     | 4.7    | Seat Height/Stand Height                         | h7 in (mm)            | 47 (1190)                | 47 (1190)                | 47 (1190)                |
|                     | 4.8    | Towing Coupling Height                           | h10 in (mm)           | 9.8 (250)                | 9.8 (250)                | 9.8 (250)                |
|                     | 4.12   | Overall Length                                   | l1 in (mm)            | 143 (3630)               | 145.3 (3692)             | 145.3 (3692)             |
|                     | 4.19   | Length To Face Of Forks                          | l2 in (mm)            | 100.8 (2560)             | 103.2 (2622)             | 103.2 (2622)             |
|                     | 4.20   | Overall Width                                    | b1 in (mm)            | 45.7 (1160)              | 45.7 (1160)              | 45.7 (1160)              |
|                     | 4.21   | Fork Dimensions ISO 2331                         | s/e/l in (mm)         | 1.6/4.8/42 (40/122/1070) | 1.6/4.8/42 (40/122/1070) | 1.6/4.8/42 (40/122/1070) |
|                     | 4.22   | Fork Carriage ISO 2328, Class /Type A/B          | IIA                   | IIA                      | IIA                      | IIA                      |
|                     | 4.23   | Fork Carriage Width                              | b3 in (mm)            | 40.9 (1040)              | 40.9 (1040)              | 40.9 (1040)              |
|                     | 4.24   | Ground Clearance, Laden, Below Mast              | m1 in (mm)            | 4.9 (125)                | 4.9 (125)                | 4.9 (125)                |
|                     | 4.31   | Ground Clearance, Center Of Wheelbase            | m2 in (mm)            | 5.1 (130)                | 5.1 (130)                | 5.1 (130)                |
|                     | 4.32   | Load Dimension B12 X L6 Crossways                | b 12 x l 6 in (mm)    | 39.4*39.4 (1000*1000)    | 39.4*39.4 (1000*1000)    | 39.4*39.4 (1000*1000)    |
|                     | 4.33   | Aisle Width With Pallets 40 In X 48 In Crossways | Ast in (mm)           | 156.4 (3972)             | 158.4 (4023)             | 158.4 (4023)             |
|                     | 4.34.1 | Turning Radius                                   | Wa in (mm)            | 90.4 (2296)              | 92.4 (2347)              | 92.4 (2347)              |
|                     | 4.35   | Travel Speed, Laden/Unladen Backwards            | b13 in (mm)           | 29.3 (745)               | 29.3 (745)               | 29.3 (745)               |
| Performance Data    | 5.1    | Travel Speed, Laden/Unladen Backwards            | mph (km/h)            | 11.8/11.8 (15/15)        | 9.3/9.3 (15/15)          | 11.8/11.8 (19/19)        |
|                     | 5.1.1  | Lifting Speed, Laden/Unladen                     | mph (km/h)            | 7.5/7.5 (12/12)          | 7.5/7.5 (12/12)          | 10/10 (16/16)            |

| Description     | 1.2    | Model                                            |                 | ERP40MXLG 115V          | ERP40MXLG 154V          | ERP50MXLG 115V          | ERP50MXLG 154V          |
|-----------------|--------|--------------------------------------------------|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                 | 5.2    | Lowering Speed, Laden/Unladen                    | ft/min (mm/s)   | 79/85 (400/430)         | 100/106 (510/540)       | 79/85 (400/430)         | 100/106 (510/540)       |
|                 | 5.3    | Drawbar Pull, Laden/Unladen                      | ft/min (mm/s)   | 83/98 (420/500)         | 83/98 (420/500)         | 83/98 (420/500)         | 83/98 (420/500)         |
|                 | 5.5    | Maximum Gradeability, Laden/Unladen              | LBF (N)         | 3596/2922 (16000/13000) | 4271/3372 (19000/15000) | 3822/3372 (17000/15000) | 5170/3597 (23000/16000) |
|                 | 5.8    | Acceleration Time, Laden/Unladen 16.4 Yd         | %               | 15/15                   | 20/20                   | 15/15                   | 20/20                   |
|                 | 5.9    | Service Brake                                    | sec             | 5.6/5.5                 | 5.6/5.5                 | 5.6/5.5                 | 5.6/5.5                 |
|                 | 5.10   | Drive Motor Rating S2 60 Min                     |                 | Hydraulic               | Hydraulic               | Hydraulic               | Hydraulic               |
| Electric Engine | 6.1    | Lift Motor Rating At S3 15 %                     | hp (Kw)         | 20.1 (15)               | 29 (21.6)               | 20.1 (15)               | 29 (21.6)               |
|                 | 6.2    | Battery According To DIN 43531/35/36 A, B, C, No | hp (Kw)         | 20.1 (15)               | 30.3 (22.6)             | 20.1 (15)               | 30.3 (22.6)             |
|                 | 6.3    | Battery Voltage/Nominal Capacity K5              |                 | no                      | no                      | no                      | no                      |
|                 | 6.4    | Battery Weight                                   | (V)/(Ah)        | 115.9V/228Ah            | 154.5V/228Ah            | 115.9V/228Ah            | 154.5V/228Ah            |
|                 | 6.5    | Energy Consumption According To VDI Cycle        | lb (kg)         | 604 (274)               | 785 (356)               | 604 (274)               | 785 (356)               |
|                 | 6.6    | Turnover Output                                  | kWh/h           | 4.8                     | 5.7                     | 5.1                     | 6.2                     |
|                 | 6.7    | Energy Consumption At Turnover Output            | t/h             | 136.3                   | 163.6                   | 146.4                   | 174.7                   |
|                 | 6.8    | Type Of Drive Unit                               | kWh in 1 h      | 5.9                     | 5.9                     | 6.3                     | 6.3                     |
|                 | 8.1    | Operating Pressure For Attachments               |                 | PM AC                   | PM AC                   | PM AC                   | PM AC                   |
| Additional Data | 10.1   | Oil Volume For Attachments                       | psi (bar)       | 2030 (140)              | 2030 (140)              | 2030 (140)              | 2030 (140)              |
|                 | 10.2   | Sound Pressure Level At The Driver's Seat        | gal/min (l/min) | 16.9 (64)               | 16.9 (64)               | 16.9 (64)               | 16.9 (64)               |
|                 | 10.7   | Sound Power Level During The Work Cycle          | dB (A)          | 66                      | 66                      | 66                      | 66                      |
|                 | 10.7.1 | Towing Coupling, Type DIN                        | dB (A)          | 82                      | 81                      | 82                      | 81                      |
|                 | 10.8   | Towing Coupling, Type DIN                        |                 | PIN                     | PIN                     | PIN                     | PIN                     |

(4.5) Without load backrest  
(4.7) H6 subject to 1/0.2" (5mm) tolerance  
(4.8) Full suspension seat in depressed position  
(4.24) Add 1.26" (32mm) with load backrest  
(10.2) Variable  
(10.7.1) LPAZ, measured according to the test cycles and based on the weighing values contained in EN12053

Specifications - ERP60-70MXLG

| Description         | 1.2 | Model                                       |           | ERP60MXLG 115V        | ERP60MXLG 154V        | ERP70MXLG 115V        | ERP70MXLG 154V        |
|---------------------|-----|---------------------------------------------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|
| Distinguishing Mark | 1.1 | Manufacturer                                |           | Yale                  | Yale                  | Yale                  | Yale                  |
|                     | 1.3 | Drive                                       |           | Electric              | Electric              | Electric              | Electric              |
|                     | 1.4 | Operator Type                               |           | Seated                | Seated                | Seated                | Seated                |
|                     | 1.5 | Rated Capacity/Rated Load                   | Q lb (kg) | 6000 (3000)           | 6000 (3000)           | 7000 (3500)           | 7000 (3500)           |
|                     | 1.6 | Load Center Distance                        | c in (mm) | 24 (610)              | 24 (610)              | 24 (610)              | 24 (610)              |
|                     | 1.8 | Load Distance, Center Of Drive Axle To Fork | x in (mm) | 19.33 (491)           | 19.33 (491)           | 20.07 (510)           | 20.07 (510)           |
| Weight              | 1.9 | Wheelbase                                   | y in (mm) | 67 (1700)             | 67 (1700)             | 67 (1700)             | 67 (1700)             |
|                     | 2.1 | Service Weight                              | lb (kg)   | 9511 (4314)           | 9603 (4356)           | 10393 (4714)          | 10485 (4756)          |
|                     | 2.2 | Axle Loading, Laden Front/Rear              | lb (kg)   | 14220/1905 (6450/864) | 14304/1914 (6488/868) | 15970/2138 (7244/970) | 16056/2145 (7283/973) |
|                     | 2.3 | Axle Loading, Unladen Front/Rear            | lb (kg)   | 3805/5706 (1726/2588) | 3840/5763 (1742/2614) | 4103/6290 (1861/2853) | 4140/6310 (1878/2862) |
| Tires & Chassis     | 3.1 | Tires Front/Rear                            |           | pneumatic             | pneumatic             | pneumatic             | pneumatic             |
|                     | 3.2 | Tire Size, Front                            |           | 28×9-15-14PR          | 28×9-15-14PR          | 28×9-15-14PR          | 28×9-15-14PR          |

| Description      | 1.2    | Model                                            | ERP60MXLG 115V           | ERP60MXLG 154V           | ERP70MXLG 115V          | ERP70MXLG 154V          |
|------------------|--------|--------------------------------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
|                  | 3.3    | Tire Size, Rear                                  | 6.50-10-10PR             | 6.50-10-10PR             | 6.50-10-10PR            | 6.50-10-10PR            |
|                  | 3.5    | Wheels, Number Front/Rear                        | 2x/2                     | 2x/2                     | 2x/2                    | 2x/2                    |
|                  | 3.6    | Tread, Front                                     | 39.4 (1000)              | 39.4 (1000)              | 39.4 (1000)             | 39.4 (1000)             |
|                  | 3.7    | Tread, Rear                                      | 38.2 (970)               | 38.2 (970)               | 38.2 (970)              | 38.2 (970)              |
| Dimensions       | 4.1    | Tilt Of Mast/Fork Carriage, Forward/Backward     | 6/12                     | 6/12                     | 6/12                    | 6/12                    |
|                  | 4.2    | Height, Mast Lowered                             | 84.6 (2150)              | 84.6 (2150)              | 84.6 (2150)             | 84.6 (2150)             |
|                  | 4.3    | Free Lift                                        | 6.5 (165)                | 6.5 (165)                | 6.7 (170)               | 6.7 (170)               |
|                  | 4.4    | Lift                                             | 118.1 (3000)             | 118.1 (3000)             | 118.1 (3000)            | 118.1 (3000)            |
|                  | 4.5    | Height, Mast Extended                            | 143.3 (3640)             | 143.3 (3640)             | 145.7 (3700)            | 145.7 (3700)            |
|                  | 4.7    | Height Of Overhead Guard                         | 87 (2205)                | 87 (2205)                | 87 (2205)               | 87 (2205)               |
|                  | 4.8    | Seat Height/Stand Height                         | 48 (1215)                | 48 (1215)                | 48 (1215)               | 48 (1215)               |
|                  | 4.12   | Towing Coupling Height                           | 10.2 (260)               | 10.2 (260)               | 10.2 (260)              | 10.2 (260)              |
|                  | 4.19   | Overall Length                                   | 148.1 (3763)             | 148.1 (3763)             | 151.7 (3853)            | 151.7 (3853)            |
|                  | 4.2    | Length To Face Of Forks                          | 106 (2693)               | 106 (2693)               | 109.6 (2783)            | 109.6 (2783)            |
|                  | 4.21   | Overall Width                                    | 48.3 (1228)              | 48.3 (1228)              | 48.3 (1228)             | 48.3 (1228)             |
|                  | 4.22   | Fork Dimensions ISO 2331                         | 1.8/4.8/42 (45/122/1070) | 1.8/4.8/42 (45/122/1070) | 2/4.8/42 (50/122/1070)  | 2/4.8/42 (50/122/1070)  |
|                  | 4.23   | Fork Carriage ISO 2328, Class/Type A/B           | IIIA                     | IIIA                     | IIIA                    | IIIA                    |
|                  | 4.24   | Fork Carriage Width                              | 43.3 (1100)              | 43.3 (1100)              | 43.3 (1100)             | 43.3 (1100)             |
|                  | 4.31   | Ground Clearance, Laden, Below Mast              | 5.5 (140)                | 5.5 (140)                | 5.5 (140)               | 5.5 (140)               |
| Performance Data | 4.32   | Ground Clearance, Center Of Wheelbase            | 6.1 (155)                | 6.1 (155)                | 6.1 (155)               | 6.1 (155)               |
|                  | 4.33   | Load Dimension B12 X L6 Crossways                | 39.4*39.4 (1000*1000)    | 39.4*39.4 (1000*1000)    | 39.4*39.4 (1000*1000)   | 39.4*39.4 (1000*1000)   |
|                  | 4.34.1 | Aisle Width With Pallets 40 In X 48 In Crossways | 162.8 (4136)             | 162.8 (4136)             | 166.3 (4225)            | 166.3 (4225)            |
|                  | 4.35   | Turning Radius                                   | 96.3 (2445)              | 96.3 (2445)              | 99 (2515)               | 99 (2515)               |
|                  | 4.36   | Travel Speed, Laden/Unladen                      | 32.4 (823)               | 32.4 (823)               | 32.4 (823)              | 32.4 (823)              |
|                  | 5.1    | Travel Speed, Laden/Unladen, Backwards           | 9.3/9.3 (15/15)          | 11.8/11.8 (19/19)        | 9.3/9.3 (15/15)         | 11.8/11.8 (19/19)       |
|                  | 5.1.1  | Lifting Speed, Laden/Unladen                     | 7.5/7.5 (12/12)          | 10/10 (16/16)            | 7.5/7.5 (12/12)         | 10/10 (16/16)           |
|                  | 5.2    | Lowering Speed, Laden/Unladen                    | 69/75 (350/380)          | 85/98 (430/500)          | 69/75 (350/380)         | 85/98 (430/500)         |
|                  | 5.3    | Drawbar Pull, Laden/Unladen                      | 83/98 (420/500)          | 83/98 (420/500)          | 83/98 (420/500)         | 83/98 (420/500)         |
|                  | 5.5    | Maximum Gradeability, Laden/Unladen              | 4271/3597 (19000/16000)  | 5845/3822 (26000/17000)  | 4271/3597 (19000/16000) | 6070/3822 (27000/17000) |
|                  | 5.8    | Acceleration Time, Laden/Unladen 16.4 Yd         | 15/15                    | 20/20                    | 15/15                   | 20/20                   |
|                  | 5.9    | Service Brake                                    | 5.6/5.5                  | 5.6/5.5                  | 5.6/5.5                 | 5.6/5.5                 |
|                  | 5.1    | Drive Motor Rating S2 60 Min                     | Hydraulic                | Hydraulic                | Hydraulic               | Hydraulic               |
| Electric Engine  | 6.1    | Lift Motor Rating At S3 15 %                     | 20.1 (15)                | 29 (21.6)                | 20.1 (15)               | 29 (21.6)               |
|                  | 6.2    | Battery According To DIN 43531/35/36 A, B, C, No | 20.1 (15)                | 30.3 (22.6)              | 20.1 (15)               | 30.3 (22.6)             |
|                  | 6.3    | Battery Voltage/Nominal Capacity K5              | no                       | no                       | no                      | no                      |
|                  | 6.4    | Battery Weight                                   | 115.9V/228Ah             | 154.5V/228Ah             | 115.9V/228Ah            | 154.5V/228Ah            |
|                  | 6.5    | Energy Consumption According To VDI Cycle        | 604 (274)                | 785 (356)                | 604 (274)               | 785 (356)               |
|                  | 6.6    | Turnover Output                                  | 5.8                      | 6.5                      | 6.4                     | 7.1                     |
|                  | 6.7    | Energy Consumption At Turnover Output            | 166.6                    | 193.9                    | 181.8                   | 212.1                   |

| Description     | 1.2    | Model                                     |                 | ERP60MXLG 115V | ERP60MXLG 154V | ERP70MXLG 115V | ERP70MXLG 154V |
|-----------------|--------|-------------------------------------------|-----------------|----------------|----------------|----------------|----------------|
|                 | 6.8    | Type Of Drive Unit                        | kWh in 1 h      | 7.2            | 6.6            | 7.8            | 7.2            |
|                 | 8.1    | Operating Pressure For Attachments        |                 | PM AC          | PM AC          | PM AC          | PM AC          |
| Additional Data | 10.1   | Oil Volume For Attachments                | psi (bar)       | 2030 (140)     | 2030 (140)     | 2030 (140)     | 2030 (140)     |
|                 | 10.2   | Sound Pressure Level At The Driver's Seat | gal/min (l/min) | 16.9 (64)      | 16.9 (64)      | 16.9 (64)      | 16.9 (64)      |
|                 | 10.7   | Sound Power Level During The Work Cycle   | dB (A)          | 66             | 66             | 66             | 66             |
|                 | 10.7.1 | Towing Coupling, Type DIN                 | dB (A)          | 82             | 81             | 82             | 81             |
|                 | 10.8   | Towing Coupling, Type DIN                 |                 | PIN            | PIN            | PIN            | PIN            |

(4.5) Without load backrest  
 (4.7) H6 subject to  $\pm 0.2^{\circ}$  [5mm] tolerance  
 (4.8) Full suspension seat in depressed position  
 (4.24) Add 1.26" (32mm) with load backrest  
 (10.2) Variable  
 (10.7.1) LPAZ, measured according to the test cycles and based on the weighing values contained in EN12053

## MAST DATA

ERP40NXLG 4000lbs Capacities @ 24in Load Center

|                           | Max Fork Height<br>(in) | Lowered Height<br>(in) | Extended Height<br>without LBR (in) | Extended Height<br>with LBR (in) | Free Lift Height<br>without LBR (in) | Back Tilt (°) | Pneumatic Shaped<br>Solid Tires | Pneumatic Shaped<br>Solid Tires | Pneumatic Tires         | Pneumatic Tires      |
|---------------------------|-------------------------|------------------------|-------------------------------------|----------------------------------|--------------------------------------|---------------|---------------------------------|---------------------------------|-------------------------|----------------------|
|                           |                         |                        |                                     |                                  |                                      |               | With sideshift (lbs)            | Without sideshift (lbs)         | Without sideshift (lbs) | With sideshift (lbs) |
| 2 Stage Limited Free Lift | 118.1                   | 79.1                   | 140.7                               | 157.1                            | 6.3                                  | 12            | 3950                            | 3900                            | 3950                    | 3900                 |
|                           | 129.9                   | 85                     | 152.6                               | 168.9                            | 6.3                                  | 12            | 3950                            | 3900                            | 3950                    | 3900                 |
|                           | 137.8                   | 89                     | 160.4                               | 176.8                            | 6.3                                  | 12            | 3950                            | 3900                            | 3950                    | 3900                 |
|                           | 157.5                   | 100.8                  | 180.1                               | 196.5                            | 6.3                                  | 6             | 3950                            | 3850                            | 3950                    | 3850                 |
| 2 Stage Full Free Lift    | 118.1                   | 79.1                   | 141.3                               | 157.1                            | 55.9                                 | 12            | 3950                            | 3850                            | 3950                    | 3850                 |
|                           | 129.9                   | 85                     | 153.1                               | 168.9                            | 61.8                                 | 12            | 3950                            | 3800                            | 3950                    | 3800                 |
|                           | 137.8                   | 89                     | 161                                 | 176.8                            | 65.7                                 | 12            | 3950                            | 3800                            | 3950                    | 3800                 |
|                           | 171.3                   | 79.1                   | 191.6                               | 210.2                            | 54.7                                 | 6             | 3700                            | 3600                            | 3700                    | 3600                 |
| 3 Stage Full Free Lift    | 177.2                   | 81.1                   | 197.5                               | 216.1                            | 56.7                                 | 6             | 3650                            | 3550                            | 3650                    | 3550                 |
|                           | 189                     | 85                     | 209.3                               | 228                              | 60.6                                 | 6             | 3550                            | 3400                            | 3400 (3550~)            | 3300 (3400~)         |
|                           | 196.9                   | 89                     | 217.2                               | 235.8                            | 64.6                                 | 6             | 3450                            | 3350                            | 3000 (3450~)            | 2900 (3350~)         |
|                           | 216.5                   | 95.5                   | 236.9                               | 255.5                            | 70.9                                 | 6             | 3250                            | 3150                            | 2100 (3250~)            | 2000 (3100~)         |
| 2 Stage Limited Free Lift | 236.2                   | 102.8                  | 256.6                               | 275.2                            | 78.3                                 | 6             | 2450 (3050~)                    | 2300 (2900~)                    | 1450 (2600~)            | 1300 (2500~)         |
|                           | 255.9                   | 111.2                  | 276.3                               | 294.9                            | 87.2                                 | 6             | 1750 (2800~)                    | 1600 (2700~)                    | 950 (1950~)             | 750 (1800~)          |
|                           | 3000                    | 2010                   | 3575                                | 3990                             | 160                                  | 12            |                                 |                                 |                         |                      |
|                           | 3300                    | 2160                   | 3875                                | 4290                             | 160                                  | 12            |                                 |                                 |                         |                      |
| 2 Stage Full Free Lift    | 3500                    | 2260                   | 4075                                | 4490                             | 160                                  | 12            |                                 |                                 |                         |                      |
|                           | 4000                    | 2560                   | 4575                                | 4990                             | 160                                  | 6             |                                 |                                 |                         |                      |
|                           | 3000                    | 2010                   | 3590                                | 3990                             | 1420                                 | 12            |                                 |                                 |                         |                      |
|                           | 3300                    | 2160                   | 3890                                | 4290                             | 1570                                 | 12            |                                 |                                 |                         |                      |
| 3 Stage Full Free Lift    | 3500                    | 2260                   | 4090                                | 4490                             | 1670                                 | 12            |                                 |                                 |                         |                      |
|                           | 4350                    | 2010                   | 4867                                | 5340                             | 1390                                 | 6             |                                 |                                 |                         |                      |
|                           | 4500                    | 2060                   | 5017                                | 5490                             | 1440                                 | 6             |                                 |                                 |                         |                      |
|                           | 4800                    | 2160                   | 5317                                | 5790                             | 1540                                 | 6             |                                 |                                 |                         |                      |
|                           | 5000                    | 2260                   | 5517                                | 5990                             | 1640                                 | 6             |                                 |                                 |                         |                      |
|                           | 5500                    | 2425                   | 6017                                | 6490                             | 1800                                 | 6             |                                 |                                 |                         |                      |
|                           | 6000                    | 2610                   | 6517                                | 6990                             | 1990                                 | 6             |                                 |                                 |                         |                      |
|                           | 6500                    | 2825                   | 7017                                | 7490                             | 2215                                 | 6             |                                 |                                 |                         |                      |

ERP50NXLG 5000lbs Capacities @ 24in Load Center

|                              | Max Fork Height<br>(in) | Lowered Height<br>(in) | Extended Height<br>without LBR (in) | Extended Height<br>with LBR (in) | Free Lift Height<br>without LBR (in) | Back Tilt (°) | Pneumatic Shaped<br>Solid Tires | Pneumatic Shaped<br>Solid Tires | Pneumatic Tires         | Pneumatic Tires      |
|------------------------------|-------------------------|------------------------|-------------------------------------|----------------------------------|--------------------------------------|---------------|---------------------------------|---------------------------------|-------------------------|----------------------|
|                              |                         |                        |                                     |                                  |                                      |               | With sideshift (lbs)            | Without sideshift (lbs)         | Without sideshift (lbs) | With sideshift (lbs) |
| 2 Stage Limited Free<br>Lift | 118.1                   | 79.1                   | 140.7                               | 157.1                            | 6.3                                  | 12            | 5000                            | 4850                            | 5000                    | 4850                 |
|                              | 129.9                   | 85                     | 152.6                               | 168.9                            | 6.3                                  | 12            | 5000                            | 4850                            | 5000                    | 4850                 |
|                              | 137.8                   | 89                     | 160.4                               | 176.8                            | 6.3                                  | 12            | 5000                            | 4850                            | 5000                    | 4850                 |
| 2 Stage Full Free Lift       | 157.5                   | 100.8                  | 180.1                               | 196.5                            | 6.3                                  | 6             | 4950                            | 4800                            | 4950                    | 4800                 |
|                              | 118.1                   | 79.1                   | 141.3                               | 157.1                            | 55.9                                 | 12            | 4950                            | 4800                            | 4950                    | 4800                 |
|                              | 129.9                   | 85                     | 153.1                               | 168.9                            | 61.8                                 | 12            | 4950                            | 4800                            | 4950                    | 4800                 |
|                              | 137.8                   | 89                     | 161                                 | 176.8                            | 65.7                                 | 12            | 4950                            | 4800                            | 4950                    | 4800                 |

|                        | Max Fork Height<br>(in) | Lowered Height<br>(in) | Extended Height<br>without LBR (in) | Extended Height<br>with LBR (in) | Free Lift Height<br>without LBR (in) | Back Tilt (°) | Pneumatic Shaped<br>Solid Tires | Pneumatic Shaped<br>Solid Tires | Pneumatic Tires | Pneumatic Tires |
|------------------------|-------------------------|------------------------|-------------------------------------|----------------------------------|--------------------------------------|---------------|---------------------------------|---------------------------------|-----------------|-----------------|
| 3 Stage Full Free Lift | 171.3                   | 79.1                   | 191.6                               | 210.2                            | 54.7                                 | 6             | 4050                            | 3900                            | 4050            | 3900            |
|                        | 177.2                   | 81.1                   | 197.5                               | 216.1                            | 56.7                                 | 6             | 4000                            | 3850                            | 4000            | 3850            |
|                        | 189                     | 85                     | 209.3                               | 228                              | 60.6                                 | 6             | 3900                            | 3750                            | 3850            | 3750            |
|                        | 196.9                   | 89                     | 217.2                               | 235.8                            | 64.6                                 | 6             | 3800                            | 3650                            | 3750 (3800~)    | 3700 (3650~)    |
|                        | 216.5                   | 95.5                   | 236.9                               | 255.5                            | 70.9                                 | 6             | 3550 (3600~)                    | 3450                            | 2800 (3550~)    | 2700 (3450~)    |
| 2 Stage Full Free Lift | 236.2                   | 102.8                  | 256.6                               | 275.2                            | 78.3                                 | 6             | 2700 (3350~)                    | 2600 (3250~)                    | 2000 (3250~)    | 1850 (3150~)    |
|                        | 255.9                   | 111.2                  | 276.3                               | 294.9                            | 87.2                                 | 6             | 1900 (3100~)                    | 1800 (3000~)                    | 1350 (2450~)    | 1200 (2350~)    |
|                        | Max Fork Height (mm)    | Lowered Height (mm)    | Extended Height<br>without LBR (mm) | Extended Height with<br>LBR (mm) | Free Lift Height<br>without LBR (mm) | Back Tilt (°) |                                 |                                 |                 |                 |
|                        | 3000                    | 2010                   | 3575                                | 3990                             | 160                                  | 12            |                                 |                                 |                 |                 |
|                        | 3300                    | 2160                   | 3875                                | 4290                             | 160                                  | 12            |                                 |                                 |                 |                 |
| 2 Stage Full Free Lift | 3500                    | 2260                   | 4075                                | 4490                             | 160                                  | 12            |                                 |                                 |                 |                 |
|                        | 4000                    | 2560                   | 4575                                | 4990                             | 160                                  | 6             |                                 |                                 |                 |                 |
|                        | 3000                    | 2010                   | 3590                                | 3990                             | 1420                                 | 12            |                                 |                                 |                 |                 |
|                        | 3300                    | 2160                   | 3890                                | 4290                             | 1570                                 | 12            |                                 |                                 |                 |                 |
|                        | 3500                    | 2260                   | 4090                                | 4490                             | 1670                                 | 12            |                                 |                                 |                 |                 |
| 3 Stage Full Free Lift | 4350                    | 2010                   | 4867                                | 5340                             | 1390                                 | 6             |                                 |                                 |                 |                 |
|                        | 4500                    | 2060                   | 5017                                | 5490                             | 1440                                 | 6             |                                 |                                 |                 |                 |
|                        | 4800                    | 2160                   | 5317                                | 5790                             | 1540                                 | 6             |                                 |                                 |                 |                 |
|                        | 5000                    | 2260                   | 5517                                | 5990                             | 1640                                 | 6             |                                 |                                 |                 |                 |
|                        | 5500                    | 2425                   | 6017                                | 6490                             | 1800                                 | 6             |                                 |                                 |                 |                 |
|                        | 6000                    | 2610                   | 6517                                | 6990                             | 1990                                 | 6             |                                 |                                 |                 |                 |
|                        | 6500                    | 2825                   | 7017                                | 7490                             | 2215                                 | 6             |                                 |                                 |                 |                 |

ERP40MXLG 6000lbs Capacities @ 24in Load Center

|                           | Max Fork Height<br>(in) | Lowered Height<br>(in) | Extended Height<br>without LBR (in) | Extended Height<br>with LBR (in) | Free Lift Height<br>without LBR (in) | Back Tilt (°) | Pneumatic Shaped<br>Solid Tires | Pneumatic Shaped<br>Solid Tires | Pneumatic Tires         | Pneumatic Tires      |
|---------------------------|-------------------------|------------------------|-------------------------------------|----------------------------------|--------------------------------------|---------------|---------------------------------|---------------------------------|-------------------------|----------------------|
| 2 Stage Limited Free Lift | 118.1                   | 81.7                   | 143.3                               | 161.4                            | 6.5                                  | 12            | Without sideshift (lbs)         | With sideshift (lbs)            | Without sideshift (lbs) | With sideshift (lbs) |
|                           | 129.9                   | 87.6                   | 155.1                               | 173.2                            | 6.5                                  | 12            | 6000                            | 5850                            | 6000                    | 5850                 |
|                           | 137.8                   | 91.5                   | 163                                 | 181.1                            | 6.5                                  | 12            | 6000                            | 5850                            | 6000                    | 5850                 |
|                           | 157.5                   | 103.3                  | 182.7                               | 200.8                            | 6.5                                  | 6             | 6000                            | 5800                            | 6000                    | 5800                 |
|                           | 118.1                   | 81.7                   | 143.7                               | 161.4                            | 56.1                                 | 12            | 5950                            | 5800                            | 5950                    | 5800                 |
| 2 Stage Full Free Lift    | 129.9                   | 87.6                   | 155.5                               | 173.2                            | 62                                   | 12            | 5950                            | 5800                            | 5950                    | 5800                 |
|                           | 137.8                   | 91.5                   | 163.4                               | 181.1                            | 65.9                                 | 12            | 5950                            | 5750                            | 5950                    | 5750                 |
|                           | 171.3                   | 81.7                   | 194.9                               | 214.6                            | 58.1                                 | 6             | 5500                            | 5350                            | 5500                    | 5350                 |
|                           | 177.2                   | 83.7                   | 200.8                               | 220.5                            | 60                                   | 6             | 5450                            | 5300                            | 5450                    | 5300                 |
|                           | 189                     | 87.6                   | 212.6                               | 232.3                            | 64                                   | 6             | 5300                            | 5150                            | 5300                    | 5150                 |
| 3 Stage Full Free Lift    | 196.9                   | 91.5                   | 220.5                               | 240.2                            | 67.9                                 | 6             | 5200                            | 5050                            | 5050 (5200~)            | 5000 (5050~)         |
|                           | 216.5                   | 98                     | 240.2                               | 259.8                            | 74                                   | 6             | 4150 (4950~)                    | 4050 (4850~)                    | 3900 (4950~)            | 3800 (4800~)         |
|                           | 236.2                   | 105.3                  | 259.8                               | 279.5                            | 81.7                                 | 6             | 3150 (4700~)                    | 3000 (4550~)                    | 2950 (4650~)            | 2850 (4500~)         |
|                           | 255.9                   | 113.8                  | 279.5                               | 299.2                            | 89                                   | 6             | 2300 (4400~)                    | 2150 (4250~)                    | 2150 (3750~)            | 2050 (3650~)         |
|                           | Max Fork Height (mm)    | Lowered Height (mm)    | Extended Height<br>without LBR (mm) | Extended Height with<br>LBR (mm) | Free Lift Height<br>without LBR (mm) | Back Tilt (°) |                                 |                                 |                         |                      |
| 2 Stage Limited Free Lift | 3000                    | 2075                   | 3640                                | 4100                             | 165                                  | 12            |                                 |                                 |                         |                      |
|                           | 3300                    | 2225                   | 3940                                | 4400                             | 165                                  | 12            |                                 |                                 |                         |                      |
|                           | 3500                    | 2325                   | 4140                                | 4600                             | 165                                  | 12            |                                 |                                 |                         |                      |

|                        | Max Fork Height<br>(in) | Lowered Height<br>(in) | Extended Height<br>without LBR (in) | Extended Height<br>with LBR (in) | Free Lift Height<br>without LBR (in) | Back Tilt (°) | Pneumatic Shaped<br>Solid Tires | Pneumatic Shaped<br>Solid Tires | Pneumatic Tires | Pneumatic Tires |
|------------------------|-------------------------|------------------------|-------------------------------------|----------------------------------|--------------------------------------|---------------|---------------------------------|---------------------------------|-----------------|-----------------|
|                        | 4000                    | 2625                   | 4640                                | 5100                             | 165                                  | 6             |                                 |                                 |                 |                 |
| 2 Stage Full Free Lift | 3000                    | 2075                   | 3650                                | 4100                             | 1425                                 | 12            |                                 |                                 |                 |                 |
|                        | 3300                    | 2225                   | 3950                                | 4400                             | 1575                                 | 12            |                                 |                                 |                 |                 |
|                        | 3500                    | 2325                   | 4150                                | 4600                             | 1675                                 | 12            |                                 |                                 |                 |                 |
| 3 Stage Full Free Lift | 4350                    | 2075                   | 4950                                | 5450                             | 1475                                 | 6             |                                 |                                 |                 |                 |
|                        | 4500                    | 2125                   | 5100                                | 5600                             | 1525                                 | 6             |                                 |                                 |                 |                 |
|                        | 4800                    | 2225                   | 5400                                | 5900                             | 1625                                 | 6             |                                 |                                 |                 |                 |
|                        | 5000                    | 2325                   | 5600                                | 6100                             | 1725                                 | 6             |                                 |                                 |                 |                 |
|                        | 5500                    | 2490                   | 6100                                | 6600                             | 1880                                 | 6             |                                 |                                 |                 |                 |
|                        | 6000                    | 2675                   | 6600                                | 7100                             | 2075                                 | 6             |                                 |                                 |                 |                 |
|                        | 6500                    | 2890                   | 7100                                | 7600                             | 2260                                 | 6             |                                 |                                 |                 |                 |

ERP70MXLG 7000lbs Capacities @ 24in Load Center

|                           | Max Fork Height<br>(in) | Lowered Height<br>(in) | Extended Height<br>without LBR (in) | Extended Height<br>with LBR (in) | Free Lift Height<br>without LBR (in) | Back Tilt (°) | Pneumatic Shaped<br>Solid Tires | Pneumatic Shaped<br>Solid Tires | Pneumatic Tires         | Pneumatic Tires      |
|---------------------------|-------------------------|------------------------|-------------------------------------|----------------------------------|--------------------------------------|---------------|---------------------------------|---------------------------------|-------------------------|----------------------|
|                           |                         |                        | Extended Height<br>without LBR (mm) | Extended Height with<br>LBR (mm) | Free Lift Height<br>without LBR (mm) | Back Tilt (°) | Without sideshift (lbs)         | With sideshift (lbs)            | Without sideshift (lbs) | With sideshift (lbs) |
| 2 Stage Limited Free Lift | 118.1                   | 84.6                   | 145.7                               | 161.4                            | 6.7                                  | 12            | 6900                            | 6800                            | 6900                    | 6800                 |
|                           | 129.9                   | 90.6                   | 157.5                               | 173.2                            | 6.7                                  | 12            | 6900                            | 6800                            | 6900                    | 6800                 |
|                           | 137.8                   | 94.5                   | 165.4                               | 181.1                            | 6.7                                  | 12            | 6900                            | 6750                            | 6900                    | 6750                 |
|                           | 157.5                   | 106.3                  | 185                                 | 200.8                            | 6.7                                  | 6             | 6800                            | 6600                            | 6800                    | 6600                 |
|                           | 118.1                   | 84.6                   | 144.9                               | 161.4                            | 57.9                                 | 12            | 6900                            | 6800                            | 6900                    | 6800                 |
| 2 Stage Full Free Lift    | 129.9                   | 90.6                   | 156.7                               | 173.2                            | 63.8                                 | 12            | 6900                            | 6750                            | 6900                    | 6750                 |
|                           | 137.8                   | 94.5                   | 164.6                               | 181.1                            | 67.7                                 | 12            | 6900                            | 6750                            | 6900                    | 6750                 |
|                           | 171.3                   | 84.6                   | 196.5                               | 214.6                            | 59.4                                 | 6             | 6900                            | 6800                            | 6900                    | 6800                 |
|                           | 177.2                   | 86.6                   | 202.4                               | 220.5                            | 61.4                                 | 6             | 6850                            | 6700                            | 6500 (6850~)            | 6450 (6700~)         |
|                           | 189                     | 90.6                   | 214.2                               | 232.3                            | 65.4                                 | 6             | 6550 (6700~)                    | 6500 (6550~)                    | 5800 (6700~)            | 5750 (6550~)         |
|                           | 196.9                   | 94.5                   | 222                                 | 240.2                            | 69.3                                 | 6             | 6050 (6600~)                    | 6000 (6450~)                    | 5350 (6600~)            | 5300 (6450~)         |
|                           | 216.5                   | 101                    | 241.7                               | 259.8                            | 75.4                                 | 6             | 4950 (6350~)                    | 4900 (6200~)                    | 4350 (6150~)            | 4300 (6150~)         |
|                           | 236.2                   | 108.3                  | 261.4                               | 279.5                            | 83.1                                 | 6             | 4050 (6000~)                    | 3950 (5850~)                    | 3500 (5250~)            | 3400 (5250~)         |
|                           | 255.9                   | 116.1                  | 281.1                               | 299.2                            | 90.2                                 | 6             | 3200 (5250~)                    | 3150 (5200~)                    | 2800 (4500~)            | 2700 (4450~)         |
|                           | Max Fork Height (mm)    | Lowered Height (mm)    | Extended Height<br>without LBR (mm) | Extended Height with<br>LBR (mm) | Free Lift Height<br>without LBR (mm) | Back Tilt (°) |                                 |                                 |                         |                      |
| 2 Stage Limited Free Lift | 3000                    | 2150                   | 3700                                | 4100                             | 170                                  | 12            |                                 |                                 |                         |                      |
|                           | 3300                    | 2300                   | 4000                                | 4400                             | 170                                  | 12            |                                 |                                 |                         |                      |
|                           | 3500                    | 2400                   | 4200                                | 4600                             | 170                                  | 12            |                                 |                                 |                         |                      |
|                           | 4000                    | 2700                   | 4700                                | 5100                             | 170                                  | 6             |                                 |                                 |                         |                      |
| 2 Stage Full Free Lift    | 3000                    | 2150                   | 3680                                | 4100                             | 1470                                 | 12            |                                 |                                 |                         |                      |
|                           | 3300                    | 2300                   | 3980                                | 4400                             | 1620                                 | 12            |                                 |                                 |                         |                      |
|                           | 3500                    | 2400                   | 4180                                | 4600                             | 1720                                 | 12            |                                 |                                 |                         |                      |
| 3 Stage Full Free Lift    | 4350                    | 2150                   | 4990                                | 5450                             | 1510                                 | 6             |                                 |                                 |                         |                      |
|                           | 4500                    | 2200                   | 5140                                | 5600                             | 1560                                 | 6             |                                 |                                 |                         |                      |
|                           | 4800                    | 2300                   | 5440                                | 5900                             | 1660                                 | 6             |                                 |                                 |                         |                      |
|                           | 5000                    | 2400                   | 5640                                | 6100                             | 1760                                 | 6             |                                 |                                 |                         |                      |
|                           | 5500                    | 2565                   | 6140                                | 6600                             | 1915                                 | 6             |                                 |                                 |                         |                      |
|                           | 6000                    | 2750                   | 6640                                | 7100                             | 2110                                 | 6             |                                 |                                 |                         |                      |
|                           | 6500                    | 2945                   | 7140                                | 7600                             | 2290                                 | 6             |                                 |                                 |                         |                      |

Cell with ~ equals dual tread specification

Approximate capacity shown at 24in load center, fork with 42 in and 154V version. Actual truck capacity dependent upon equipped options. Contact your dealer for more information.

BATTERIES AND CHARGERS

Yale Lithium-Ion Battery Specifications

| Nominal Voltage         | V       | 115.9V/228Ah                 | 154.5V/228Ah                 |
|-------------------------|---------|------------------------------|------------------------------|
| Chemistry               |         | Lithium Iron Phosphate (LFP) | Lithium Iron Phosphate (LFP) |
| Nominal Energy Capacity | kWh     | 26.4                         | 35.2                         |
| Charging Temperature    | °F (°C) | 32 to 113 (0 to 45)          | 32 to 113 (0 to 45)          |
| Operating Temperature   | °F (°C) | 14 to 113 (-10 to 45)        | 14 to 113 (-10 to 45)        |
| IP Rating               |         | IP54                         | IP54                         |
| 3rd Party Rating        |         | UL Listed                    | UL Listed                    |

\* Operating performance may be restricted below -14°F (-10°C) please consult the Operator Manual.

Charger Specifications

| DC Output Specs          | Part Number                     |         | 81023941                                              | 81023942                                              | 69203234                                              | 69208857                                              | 81023862                                              | 69203235                                              | 69208858                                              |
|--------------------------|---------------------------------|---------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
|                          | Rated Output Voltage            | V       | 115                                                   | 154                                                   | 115                                                   | 154                                                   | 154                                                   | 115                                                   | 154                                                   |
|                          | Output Current                  | A       | 100                                                   | 100                                                   | 100                                                   | 100                                                   | 150                                                   | 100                                                   | 100                                                   |
|                          | Typical Output Power            | kW      | 13.8                                                  | 18                                                    | 13.8                                                  | 17.5                                                  | 20                                                    | 13.8                                                  | 18                                                    |
|                          | 20–80% Charge Time Estimate*    | h       | 1.4                                                   | 1.4                                                   | 1.4                                                   | 1.4                                                   | 1.0                                                   | 1.4                                                   | 1.4                                                   |
|                          | Output Connector                |         | REMA160A                                              | GB/T                                                  | REMA160A                                              | GB/T                                                  | GB/T                                                  | REMA160A                                              | GB/T                                                  |
|                          | Protection**                    |         | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   |
| 3 Phase AC Input Specs   | Input Voltage                   | VAC     | 220                                                   | 220                                                   | 480                                                   | 480                                                   | 480                                                   | 600                                                   | 600                                                   |
|                          | Input Current***                | A       | 45.8                                                  | 59.7                                                  | 21                                                    | 27.4                                                  | 30.4                                                  | 16.8                                                  | 21.9                                                  |
|                          | Typical Grid Power Required     | KVA     | 20.1                                                  | 26.3                                                  | 20.1                                                  | 25.6                                                  | 29.2                                                  | 20.1                                                  | 26.3                                                  |
|                          | Cable Length/Connector          | ft (m)  | 10 (3) / Customer Provided Connector                  | 10 (3) / Customer Provided Connector                  | 10 (3) / Customer Provided Connector                  | 10 (3) / Customer Provided Connector                  | 11 (3) / Customer Provided Connector                  | 12 (3) / Customer Provided Connector                  | 13 (3) / Customer Provided Connector                  |
| Form Factor              | Exterior Dimensions (L x W x H) | in (mm) | 22 x 14 x 37 (558 x 353 x 948)                        | 22 x 13 x 44 (558 x 353 x 1128)                       | 24 x 17 x 32 (618 x 435 x 815)                        | 24 x 17 x 32 (618 x 435 x 815)                        | 24 x 17 x 32 (618 x 435 x 815)                        | 24 x 17 x 43 (618 x 430 x 1100)                       | 24 x 17 x 43 (618 x 430 x 1100)                       |
|                          | Weight                          | lb (kg) | 232 (107)                                             | 297 (135)                                             | 165 (75)                                              | 165 (75)                                              | 165 (75)                                              | 359 (163)                                             | 359 (163)                                             |
| Environmental Conditions | Working Environment Temperature | °F (°C) | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            |
|                          | Storage Temperature             | °F (°C) | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            | -22 to 158°F (-30 to 70°C)                            |
|                          | Relative Humidity               | %       | 0-95%                                                 | 0-95%                                                 | 0-95%                                                 | 0-95%                                                 | 0-95%                                                 | 0-95%                                                 | 0-95%                                                 |
|                          | Altitude                        | ft (m)  | ≤ 6562 (2000) full load 6562-9843 (2000-3000) derated | ≤ 6562 (2000) full load 6562-9843 (2000-3000) derated | ≤ 6562 (2000) full load 6562-9843 (2000-3000) derated | ≤ 6562 (2000) full load 6562-9843 (2000-3000) derated | ≤ 6562 (2000) full load 6562-9843 (2000-3000) derated | ≤ 6562 (2000) full load 6562-9843 (2000-3000) derated | ≤ 6562 (2000) full load 6562-9843 (2000-3000) derated |
|                          | Ingress Protection Rating       |         | IP54                                                  | IP54                                                  | IP54                                                  | IP54                                                  | IP54                                                  | IP54                                                  | IP54                                                  |
| Other                    | 3rd Party Rating                |         | UL 1564 Compliant                                     | UL 1564 Compliant                                     | UL 1564 Compliant                                     | UL 1564 Compliant                                     | UL 1564 Compliant                                     | UL 1564 Compliant                                     | UL 1564 Compliant                                     |
|                          | Warranty Term****               |         | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   | Yes                                                   |

\* Periodic full discharge and charge needed to balance cells and maintain battery warranty. See full warranty statement for complete details

\*\* Short circuit, overcurrent, overvoltage, reverse connection, current backflow protection, isolation

\*\*\* Breaker typically 25% greater than input current, consult electrical professional for your situation

\*\*\*\*2 Year Warranty, Terms and Conditions Apply. See full warranty statement for complete details.

**OPTIONS TABLE**

Specifications Table

| DESCRIPTION                                                                                        | STANDARD   | OPTIONAL   |
|----------------------------------------------------------------------------------------------------|------------|------------|
| <b>PERFORMANCE</b>                                                                                 | <b>STD</b> | <b>OPT</b> |
| 115V Electrical System With Rema Connection                                                        | X          |            |
| 154V Electrical System With GB Connection                                                          |            | X          |
| Standard Construction                                                                              | X          |            |
| Drum Brakes                                                                                        | X          |            |
| Oil-Immersed Brakes                                                                                |            | X          |
| Antistatic Strap                                                                                   | X          |            |
| 115V 228Ah (26.2 kWh) Integrated Li-Ion Battery                                                    | X          |            |
| 115V/100A Three-Phase Lithium-Ion LFP CACTi Charger With REMA160A Connector (Input 220V/480V/600V) | X          |            |
| 154V 228Ah (35.1 kWh) Integrated Li-Ion Battery                                                    |            | X          |
| 154V/100A Three-Phase Lithium-Ion LFP CACTi Charger With GB 125A Connector (Input 220V/480V/600V)  |            | X          |
| 154V/150A Three-Phase Lithium-Ion LFP CACTi Charger With GB 200A Connector (Input 220V/480V/600V)  |            | X          |
| Battery Disconnect                                                                                 | X          |            |
| <b>OPERATION</b>                                                                                   | <b>STD</b> | <b>OPT</b> |
| Key Switch Start                                                                                   | X          |            |
| Traction Speed Limiter                                                                             | X          |            |
| Operator Presence System (OPS)                                                                     | X          |            |
| Manual Park Brake                                                                                  | X          |            |
| Automatic Park Brake                                                                               |            | X          |
| <b>DRIVE</b>                                                                                       | <b>STD</b> | <b>OPT</b> |
| Directional Lever                                                                                  | X          |            |
| Foot Direction Control (FDC)                                                                       |            | X          |
| On-Demand Hydrostatic Power Assist Steering With Synchronous Steering                              |            | X          |
| Integrated Directional Switch                                                                      |            | X          |
| Standard Tread                                                                                     | X          |            |
| Dual Tread                                                                                         |            | X          |
| Tires - Super Elastic                                                                              |            | X          |
| Tires - Super Elastic Non-Marking                                                                  |            | X          |
| Tires - PR Pneumatic                                                                               | X          |            |
| <b>LIFT</b>                                                                                        | <b>STD</b> | <b>OPT</b> |
| 2-Stage Limited Free Lift (LFL) - Class II/III                                                     | X          |            |
| 2-Stage Full Free Lift (FFL) - Class II/III                                                        |            | X          |
| 3-Stage Full Free Lift (FFL) - Class II/III                                                        |            | X          |
| Mast Tilt - 6° Forward / 12° Back                                                                  | X          |            |
| Mast Tilt - 6° Forward / 6° Back                                                                   |            | X          |
| With Tilt Cylinder Boots                                                                           | X          |            |
| <b>HANDLING</b>                                                                                    | <b>STD</b> | <b>OPT</b> |
| Hook Type Carriage - 40.9\" (1038mm) Class II                                                      | X          |            |
| Hook Type Carriage - 43.3\" (1100mm) Class III                                                     | X          |            |
| Hook Type Carriage - 47.2\" (1200mm) Class II                                                      |            | X          |
| Hook Type Carriage - 47.2\" (1200mm) Class III                                                     |            | X          |
| Hook Type Integral Sideshift Carriage - 40.9\" (1040mm) Class II                                   |            | X          |
| Hook Type Integral Sideshift Carriage - 43.3\" (1100mm) Class III                                  |            | X          |

| DESCRIPTION                                                                    | STANDARD   | OPTIONAL   |
|--------------------------------------------------------------------------------|------------|------------|
| Without Carriage                                                               |            | X          |
| Without Load Backrest                                                          |            | X          |
| 37.0\'' (940mm) Load Backrest - Class II                                       |            | X          |
| 42.5\'' (1080mm) Load Backrest - Class III                                     |            | X          |
| 2 Function (0 Auxiliary) Hydraulic Valve                                       |            | X          |
| 3 Function (1 Auxiliary) Hydraulic Valve                                       | X          |            |
| 4 Function (2 Auxiliary) Hydraulic Valve                                       |            | X          |
| 3 Function Hose Group (1 Auxiliary)                                            |            | X          |
| 4 Function Hose Group (2 Auxiliary)                                            |            | X          |
| Manual Lever Hydraulic Controls                                                | X          |            |
| Mini Lever Hydraulic Control                                                   |            | X          |
| Clamping Function                                                              |            | X          |
| Hook Type Standard Forks - 42\'' (1070mm)                                      | X          |            |
| Hook Type Standard Forks - 48\'' (1220mm)                                      |            | X          |
| Hook Type Standard Forks - 54\'' (1370mm)                                      |            | X          |
| Hook Type Standard Forks - 60\'' (1520mm)                                      |            | X          |
| Hook Type Standard Forks - 72\'' (1820mm)                                      |            | X          |
| Hook Type Standard Forks - 78\'' (1970mm)                                      |            | X          |
| Hook Type Standard Forks - 83\'' (2120mm)                                      |            | X          |
| Hook Type Standard Forks - 87\'' (2220mm)                                      |            | X          |
| Hook Type Standard Forks - 91\'' (2300mm)                                      |            | X          |
| Hook Type Standard Forks - 96\'' (2440mm)                                      |            | X          |
| <b>CAB</b>                                                                     | <b>STD</b> | <b>OPT</b> |
| Full Steel Cab With Heater                                                     |            | X          |
| Cab Without Heater                                                             |            | X          |
| Front & Top Cab Panels                                                         |            | X          |
| Front, Top & Rear Cab Panels                                                   |            | X          |
| Dual Side-View Mirrors                                                         | X          |            |
| Rear Drive Handle With Horn Button                                             |            | X          |
| <b>ERGONOMICS</b>                                                              | <b>STD</b> | <b>OPT</b> |
| 85.8\'' (2180mm) Overhead Guard J40-50XTLG                                     | X          |            |
| 86.8\'' (2205mm) Overhead Guard J60-70XTLG                                     | X          |            |
| Non-Suspension Vinyl Seat                                                      | X          |            |
| Full Suspension Vinyl Seat With Switch For OPS                                 |            | X          |
| Full Suspension Vinyl With Hip Restraint – Premium                             |            | X          |
| Standard Seat Belt With Interlock                                              | X          |            |
| Steering Wheel With Spinner Knob                                               | X          |            |
| <b>VISIBILITY</b>                                                              | <b>STD</b> | <b>OPT</b> |
| LED Work Lights                                                                | X          |            |
| 2 Front LED Work Lights With Stop, Tail, Indicator & Reverse Lights            | X          |            |
| 2 Front And 1 Rear LED Work Lights With Stop, Tail, Indicator & Reverse Lights |            | X          |
| Amber Strobe Light - Ignition And Switch-Activated                             |            | X          |
| Audible Reverse Alarm                                                          |            | X          |
| Parking Alarm                                                                  | X          |            |
| <b>APPEARANCE</b>                                                              | <b>STD</b> | <b>OPT</b> |
| Yale Gold Paint Base Truck                                                     | X          |            |
| <b>SUPPLEMENTAL</b>                                                            | <b>STD</b> | <b>OPT</b> |
| 12 Month / 2,000 Hour Full Truck Warranty                                      | X          |            |
| 36 Month / 6,000 Hour Powertrain Warranty                                      | X          |            |

| DESCRIPTION                                               | STANDARD | OPTIONAL |
|-----------------------------------------------------------|----------|----------|
| 5 Years / 3,000 Cycles Integrated Li-Ion Battery Warranty | X        |          |
| 2 Years Li-Ion Charger Warranty                           | X        |          |
| Operating Manual                                          | X        |          |



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