

CONFIGURATION

|                                      |                               |
|--------------------------------------|-------------------------------|
| Multi-function Instrument            | Driving OPS                   |
| Lifting/Steering Computer Controlled | Wide Field Mast               |
| Pedal Rubber                         | Gear Pump with Low Noise      |
| Standard Battery                     | Load Sensing Hydraulic System |
| Emergency Power Off                  | Charging Indicator            |
| Standard Seat                        | Electric Horn                 |
| Full-hydraulic Power Steering        | Reversing Buzzer              |
| Standard Forks                       | Traction Pin                  |
| Adjustable Steering Column           | Tool Box                      |
| Lifting and Tilting Joysticks        | Solid Tires                   |
| Two Piece Multiplex Valve            |                               |

OPTIONAL

|                            |                               |
|----------------------------|-------------------------------|
| Rear Working Lamp          | Full Set LED Lamps            |
| Working Warning Light      | Full Set OPS (drive and lift) |
| Suspension Seat            | Widen and Lengthen Backrest   |
| Green Solid Tires          | Widen Fork Frame              |
| 2 Stage Free Mast          | Lengthen Fork Jacket          |
| 3 Stage Free Mast          | Tilting Cylinder Sleeve       |
| Lifting Potentiometer      | Steering Cylinder Sleeve      |
| Battery Charger            | Custom Colors                 |
| Valve and piping Reserving | Multiple Work Attachments     |
| Cabin                      | Warm-air Blower               |

PRODUCT FEATURES

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| Advanced AC dual drive motor, which can produce strong traction and power.                        |
| Ultra-small turning radius, improve passability and space utilization.                            |
| Regenerative braking function, prolong effective using time of battery.                           |
| Intelligent LCD, can display the fault code, improve the maintenance efficiency.                  |
| Powerful AC pump motor provides greater torque, making lifting and dropping of forks more smooth. |
| Anti-skid function of ramp enables machine to slide smoothly and automatically on ramp.           |

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GROS

LG/16/18/20BE3

BALANCEWEIGHT TYPE FORKLIFT TRUCK WITH BATTERY  
Efficiency Rules the Future



Lonking Holdings Limited

Официальный дистрибьютор: компания «Склад.ру»

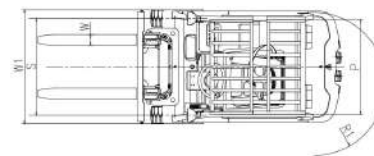
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|                     | LG16BE3       | LG18BE3 | LG20BE3 |
|---------------------|---------------|---------|---------|
| Rated Capacity (kg) | 1600          | 1800    | 2000    |
| Load Center (mm)    | 500           | 500     | 500     |
| Power Type          | Electric (AC) |         |         |

## OVERALL SPECIFICATIONS

| No.  | Item                                           | Code  | Unit |                         |           |             |
|------|------------------------------------------------|-------|------|-------------------------|-----------|-------------|
| 1.01 | Manufacturer                                   |       |      | LONKING                 |           |             |
| 1.02 | Model                                          |       |      | LG16BE3                 | LG18BE3   | LG20BE3     |
| 1.03 | Power type                                     |       |      | Electric (AC)           |           |             |
| 1.04 | Rated capacity                                 | Q     | kg   | 1600                    | 1800      | 2000        |
| 1.05 | Load center                                    | J     | mm   | 500                     | 500       | 500         |
| 2.01 | STD Max height (with backrest)                 |       | mm   | 4028                    | 4028      | 4028        |
| 2.02 | STD Max lifting height                         | h1    | mm   | 3000                    | 3000      | 3000        |
| 2.03 | Overhead guard height                          | h4    | mm   | 2044                    | 2044      | 2044        |
| 2.04 | Overall length (with fork)                     | L1    | mm   | 2875                    | 2875      | 3133        |
| 2.05 | Wheelbase                                      | L2    | mm   | 1400                    | 1400      | 1508        |
| 2.06 | Front overhang                                 | L3    | mm   | 365                     | 365       | 365         |
| 2.07 | Rear overhang                                  | L4    | mm   | 190                     | 190       | 190         |
| 2.08 | Min.ground clearance (Frame/Mast)              | m1/m2 | mm   | 85/105                  | 85/105    | 85/105      |
| 2.09 | Overall width                                  | W1    | mm   | 1060                    | 1060      | 1120        |
| 2.10 | Adjusting range of fork (outside)              |       | mm   | 200-970                 | 200-970   | 200-970     |
| 2.11 | STD Fork size (L5*W*T)                         |       | mm   | 920×100×35              |           | 1070×120×40 |
| 2.12 | Front wheel tread                              | S     | mm   | 910                     | 910       | 920         |
| 2.13 | Rear wheel tread                               | P     | mm   | 175                     | 175       | 175         |
| 2.14 | Min.turning radius                             | R1    | mm   | 1590                    | 1590      | 1698        |
| 2.15 | Min aisle width for pallet 1000×1200,crossways |       | mm   | 3280                    | 3280      | 3380        |
| 2.16 | Min aisle width for pallet 800×1200,lengthways |       | mm   | 3400                    | 3400      | 3508        |
| 3.01 | Wheels number, front/rear (X=driven wheels)    |       |      | X=2/1                   |           |             |
| 3.02 | Tires type                                     |       |      | Solid Tires             |           |             |
| 3.03 | Tires size, front                              |       |      | 18×7-8                  | 18×7-8    | 200/50-10   |
| 3.04 | Tires size, rear                               |       |      | 15×4.5-8                | 15×4.5-8  | 15×4.5-8    |
| 4.01 | Max.traveling speed, loaded/unloaded           |       | km/h | 13.5/13.5               | 13.5/13.5 | 13/15       |
| 4.02 | Max.lifting speed, loaded/unloaded             |       | mm/s | 300/440                 | 300/440   | 300/440     |
| 4.03 | Lowering speed, loaded/unloaded                |       | mm/s | Loaded≤600/Unloaded≥300 |           |             |
| 4.04 | Max.gradient, loaded/unloaded                  |       | %    | 20/20                   | 20/20     | 20/20       |
| 4.05 | STD operating weight (with oil & water)        |       | kg   | 3180                    | 3290      | 3380        |
| 4.06 | Axles loading,front/rear (loaded)              |       | kg   | 4300/620                | 4570/605  | 4920/545    |
| 4.07 | Axles loading,front/rear (unloaded)            |       | kg   | 1600/1600               | 1600/1710 | 1710/1690   |
| 4.08 | Drive motor                                    |       | kw   | 5.4×2                   | 5.4×2     | 5.4×2       |
| 4.09 | Lift motor                                     |       | kw   | 11                      | 11        | 11          |
| 4.10 | Controller                                     |       |      | inmotion                | inmotion  | inmotion    |
| 4.11 | Battery votage/capacity                        |       | V/Ah | 48/600                  | 48/600    | 48/600      |



## MAST SPECIFICATIONS

## 2 Stage Standard Mast-Super Wide Field

| Mast Model  | h1 Max Lifting Height(mm) | Load Capacity (J=500mm) (kg) |             |             | h2 Lowered Mast Height (mm) | h3 Free Lifting Height, without backrest (mm) | Mast tilt α/β (°) |
|-------------|---------------------------|------------------------------|-------------|-------------|-----------------------------|-----------------------------------------------|-------------------|
|             |                           | LG16BE3                      | LG18BE3     | LG20BE3     |                             |                                               |                   |
| M250        | 2500                      | 1600                         | 1750        | 2000        | 1760                        | 85                                            | 5/7               |
| M270        | 2700                      | 1600                         | 1750        | 2000        | 1860                        | 85                                            | 5/7               |
| <b>M300</b> | <b>3000</b>               | <b>1600</b>                  | <b>1750</b> | <b>2000</b> | <b>2010</b>                 | <b>85</b>                                     | <b>5/7</b>        |
| M330        | 3300                      | 1600                         | 1750        | 2000        | 2160                        | 85                                            | 5/7               |
| M350        | 3500                      | 1600                         | 1750        | 2000        | 2260                        | 85                                            | 5/7               |
| M370        | 3700                      | 1600                         | 1750        | 2000        | 2360                        | 85                                            | 5/7               |
| M400        | 4000                      | 1600                         | 1750        | 1950        | 2560                        | 85                                            | 3/5               |
| M425        | 4250                      | 1600                         | 1750        | 1900        | 2685                        | 85                                            | 3/5               |
| M450        | 4500                      | 1500                         | 1750        | 1850        | 2810                        | 85                                            | 3/5               |
| M475        | 4750                      | 1400                         | 1750        | 1750        | 2935                        | 85                                            | 3/5               |
| M500        | 5000                      | 1400                         | 1600        | 1600        | 3060                        | 85                                            | 3/5               |

**2 Stage Free Mast-Super Free Lifting Height**

| Mast Model   | h1 Max Lifting Height(mm) | Load Capacity (J=500mm) (kg) |             |             | h2 Lowered Mast Height (mm) | h3 Free Lifting Height, without backrest (mm) | Mast tilt α/β (°) |
|--------------|---------------------------|------------------------------|-------------|-------------|-----------------------------|-----------------------------------------------|-------------------|
|              |                           | LG16BE3                      | LG18BE3     | LG20BE3     |                             |                                               |                   |
| ZM250        | 2500                      | 1600                         | 1750        | 2000        | 1760                        | 1125                                          | 5/7               |
| ZM275        | 2750                      | 1600                         | 1750        | 2000        | 1885                        | 1250                                          | 5/7               |
| <b>ZM300</b> | <b>3000</b>               | <b>1600</b>                  | <b>1750</b> | <b>2000</b> | <b>2010</b>                 | <b>1375</b>                                   | <b>5/7</b>        |
| ZM330        | 3300                      | 1600                         | 1750        | 2000        | 2160                        | 1525                                          | 5/7               |
| ZM350        | 3500                      | 1600                         | 1750        | 2000        | 2260                        | 1625                                          | 5/7               |
| ZM375        | 3750                      | 1600                         | 1750        | 2000        | 2385                        | 1750                                          | 5/7               |
| ZM400        | 4000                      | 1600                         | 1750        | 2000        | 2560                        | 1925                                          | 3/5               |

Note: With backrest, free lifting height reduces 348mm.

### 3 Stage Free Mast-Super Free Lifting Height

| Mast Model    | h1 Max Lifting Height(mm) | Load Capacity (J=500mm) (kg) |             |             | h2 Lowered Mast Height (mm) | h3 Free Lifting Height, without backrest (mm) | Mast tilt α/β (°) |
|---------------|---------------------------|------------------------------|-------------|-------------|-----------------------------|-----------------------------------------------|-------------------|
|               |                           | LG16BE3                      | LG18BE3     | LG20BE3     |                             |                                               |                   |
| ZSM360        | 3600                      | 1600                         | 1750        | 2000        | 1790                        | 1142                                          | 3/5               |
| ZSM400        | 4000                      | 1600                         | 1750        | 2000        | 1828                        | 1280                                          | 3/5               |
| ZSM435        | 4300                      | 1500                         | 1700        | 1900        | 2040                        | 1392                                          | 3/5               |
| ZSM450        | 4500                      | 1500                         | 1700        | 1850        | 2090                        | 1442                                          | 3/5               |
| <b>ZSM470</b> | <b>4700</b>               | <b>1450</b>                  | <b>1650</b> | <b>1750</b> | <b>2162</b>                 | <b>1512</b>                                   | 3/5               |
| ZSM480        | 4800                      | 1450                         | 1650        | 1750        | 2190                        | 1542                                          | 3/5               |
| ZSM500        | 5000                      | 1300                         | 1600        | 1700        | 2290                        | 1642                                          | 3/5               |
| ZSM540        | 5400                      | 1150                         | 1250        | 1400        | 2415                        | 1767                                          | 3/3               |
| ZSM600        | 6000                      | 900                          | 1000        | 1100        | 2640                        | 1992                                          | 3/3               |
| ZSM650        | 6500                      | 800                          | 900         | 1000        | 2840                        | 2192                                          | 3/3               |

Note: With backrest, free lifting height reduces 348mm.