

G-SERIES 5.0-7.0 TON LPG FORKLIFT MAST

| Type                      | Model            | Lift Height (mm) | Load Capacity (kg) |      |      | Overall Height (mm) |                  |      | Free Lift (mm) |      | Tilt Angle |
|---------------------------|------------------|------------------|--------------------|------|------|---------------------|------------------|------|----------------|------|------------|
|                           |                  |                  |                    |      |      | 5.0-7.0t            |                  |      | 5.0-7.0t       |      |            |
|                           |                  |                  | 5.0t               | 6.0t | 7.0t | Mast Lowered        | Mast Extended    |      | Mast Extended  |      | F/R(deg)   |
| With Backrest             | Without Backrest | With Backrest    |                    |      |      |                     | Without Backrest |      |                |      |            |
| Wide view<br>2-stage mast | M250             | 2500             | 5000               | 6000 | 7000 | 2250                | 3900             | 3620 | -              | -    | 6/12       |
|                           | M300             | 3000             | 5000               | 6000 | 7000 | 2500                | 4400             | 4120 | -              | -    | 6/12       |
|                           | M330             | 3300             | 5000               | 6000 | 7000 | 2650                | 4700             | 4420 | -              | -    | 6/12       |
|                           | M350             | 3500             | 5000               | 6000 | 7000 | 2750                | 4900             | 4620 | -              | -    | 6/12       |
|                           | M370             | 3700             | 5000               | 6000 | 7000 | 2865                | 5100             | 4820 | -              | -    | 6/12       |
|                           | M400             | 4000             | 5000               | 6000 | 7000 | 3050                | 5400             | 5120 | -              | -    | 6/12       |
|                           | M450             | 4500             | 5000               | 6000 | 7000 | 3300                | 5900             | 5620 | -              | -    | 6/6        |
|                           | M500             | 5000             | 5000               | 6000 | 7000 | 3550                | 6400             | 6120 | -              | -    | 6/6        |
|                           | M550             | 5500             | 4750               | 5700 | 6600 | 3850                | 6900             | 6620 | -              | -    | 3/6        |
|                           | M600             | 6000             | 4400               | 5400 | 6400 | 4100                | 7400             | 7120 | -              | -    | 3/6        |
| Full free<br>2-stage mast | Z250             | 2500             | 5000               | 6000 | 7000 | 2250                | 3900             | 3620 | 760            | 1200 | 6/12       |
|                           | Z300             | 3000             | 5000               | 6000 | 7000 | 2500                | 4400             | 4120 | 1010           | 1400 | 6/12       |
|                           | Z330             | 3300             | 5000               | 6000 | 7000 | 2650                | 4700             | 4420 | 1160           | 1550 | 6/12       |
|                           | Z350             | 3500             | 5000               | 6000 | 7000 | 2750                | 4900             | 4620 | 1260           | 1650 | 6/12       |
|                           | Z370             | 3700             | 5000               | 6000 | 7000 | 2850                | 5100             | 4820 | 1385           | 1775 | 6/12       |
|                           | Z400             | 4000             | 5000               | 6000 | 7000 | 3050                | 5400             | 5120 | 1560           | 1950 | 6/12       |
| Full free<br>3-stage mast | S370             | 3700             | 4500               | 5500 | 6200 | 2435                | 5025             | 4675 | 1025           | 1375 | 6/6        |
|                           | S400             | 4000             | 4500               | 5500 | 6200 | 2535                | 5390             | 5390 | 1125           | 1475 | 6/6        |
|                           | S435             | 4350             | 4500               | 5500 | 6200 | 2650                | 5740             | 5740 | 1240           | 1590 | 6/6        |
|                           | S450             | 4500             | 4500               | 5500 | 6200 | 2700                | 5890             | 5890 | 1290           | 1640 | 6/6        |
|                           | S480             | 4800             | 4500               | 5500 | 6200 | 2805                | 6200             | 6200 | 1395           | 1745 | 6/6        |
|                           | S500             | 5000             | 4500               | 5500 | 6200 | 2870                | 6400             | 6400 | 1460           | 1810 | 6/6        |
|                           | S550             | 5500             | 4200               | 5300 | 6000 | 3040                | 6820             | 6820 | 1630           | 1980 | 3/6        |
|                           | S600             | 6000             | 4000               | 5000 | 5500 | 3205                | 7400             | 7400 | 1795           | 2145 | 3/6        |



G-SERIES LPG FORKLIFT 5.0-7.0 TON

| General                  | 1  | Model                                      |                                      |         |      | FY50           | FY60           | FY70           |
|--------------------------|----|--------------------------------------------|--------------------------------------|---------|------|----------------|----------------|----------------|
|                          | 2  | Power Type                                 |                                      |         |      | LPG            | LPG            | LPG            |
|                          | 3  | Rated Capacity                             |                                      |         | kg   | 5000           | 6000           | 7000           |
|                          | 4  | Load Centre                                |                                      |         | mm   | 600            | 600            | 600            |
| Characreristic&Dimension | 5  | Lift Height                                |                                      |         | mm   | 3000           | 3000           | 3000           |
|                          | 6  | Fork Size                                  | L×W×T                                |         | mm   | 1220x150x60    | 1220x150x60    | 1220x150x70    |
|                          | 7  | Mast Tilt Angle                            | F/R                                  |         | Deg  | 6°/12°         | 6°/12°         | 6°/12°         |
|                          | 8  | Front Overhang (Wheel center to fork face) |                                      |         | mm   | 590            | 590            | 595            |
|                          | 9  | Ground Clearance (Bottom of mast)          |                                      |         | mm   | 200            | 200            | 200            |
|                          | 10 | Overall Dimension                          | Length to face of fork(Without fork) |         | mm   | 3450           | 3450           | 3560           |
|                          | 11 |                                            | Overall Width                        |         | mm   | 2010           | 2010           | 2010           |
|                          | 12 |                                            | Mast Lowered Height                  |         | mm   | 2500           | 2500           | 2500           |
|                          | 13 |                                            | Mast Extended Height(With backrest)  |         | mm   | 4415           | 4415           | 4415           |
|                          | 14 |                                            | Overhead Guard Height                |         | mm   | 2470           | 2470           | 2470           |
|                          | 15 | Turning Radius (outside)                   |                                      |         | mm   | 3250           | 3250           | 3350           |
|                          | 16 | Min. insecting aisle                       |                                      |         | mm   | 2960           | 2960           | 3040           |
| Performance              | 17 | Speed                                      | Travel (Empty load)                  |         | km/h | 30             | 30             | 30             |
|                          | 18 |                                            | Lifting(Full load)                   |         | mm/s | 500            | 500            | 460            |
|                          | 19 | Max.Gradeability                           |                                      |         | %    | 20             | 20             | 20             |
| Chassis                  | 20 | Tire                                       | Front                                |         |      | 8.25-15-14 PR  | 8.25-15-14 PR  | 8.25-15-14 PR  |
|                          | 21 |                                            | Rear                                 |         |      | 8.25-15-14 PR  | 8.25-15-14 PR  | 8.25-15-14 PR  |
|                          | 22 | Wheelbase                                  |                                      |         | mm   | 2250           | 2250           | 2250           |
|                          | 23 | Service weight                             |                                      |         | kg   | 8150           | 8750           | 9750           |
| Power&Transmission       | 24 | Battery                                    | Voltage/Capacity                     |         | V/Ah | (12V/80AH) × 2 | (12V/80AH) × 2 | (12V/80AH) × 2 |
|                          | 25 | Engine                                     | Model                                |         |      | GM4.3L         |                |                |
|                          | 26 |                                            | Manufacture                          |         |      | GM             |                |                |
|                          | 27 |                                            | Rated output/r.p.m.                  |         | kw   | 56/2200        |                |                |
|                          | 28 |                                            | Rated torque/r.p.m.                  |         | N·m  | 240/750        |                |                |
|                          | 29 |                                            | No.of Cylinder                       |         |      | 6              |                |                |
|                          | 30 |                                            | Bore×Stroke                          |         | mm   | 101.6x88.39    |                |                |
|                          | 31 |                                            | Displacement                         |         | cc   | 4300           |                |                |
|                          | 32 |                                            | Fuel Tank Capacity                   |         | L    | 140            | 140            | 140            |
|                          | 33 | Transmission                               | Type                                 |         |      | Hydraulic      | Hydraulic      | Hydraulic      |
|                          | 34 |                                            | Stage                                | FWD/RVS |      |                | 2/2            | 2/2            |
|                          | 35 | Operating Pressure for Attachment          |                                      |         | Mpa  | 19             | 19             | 19             |

