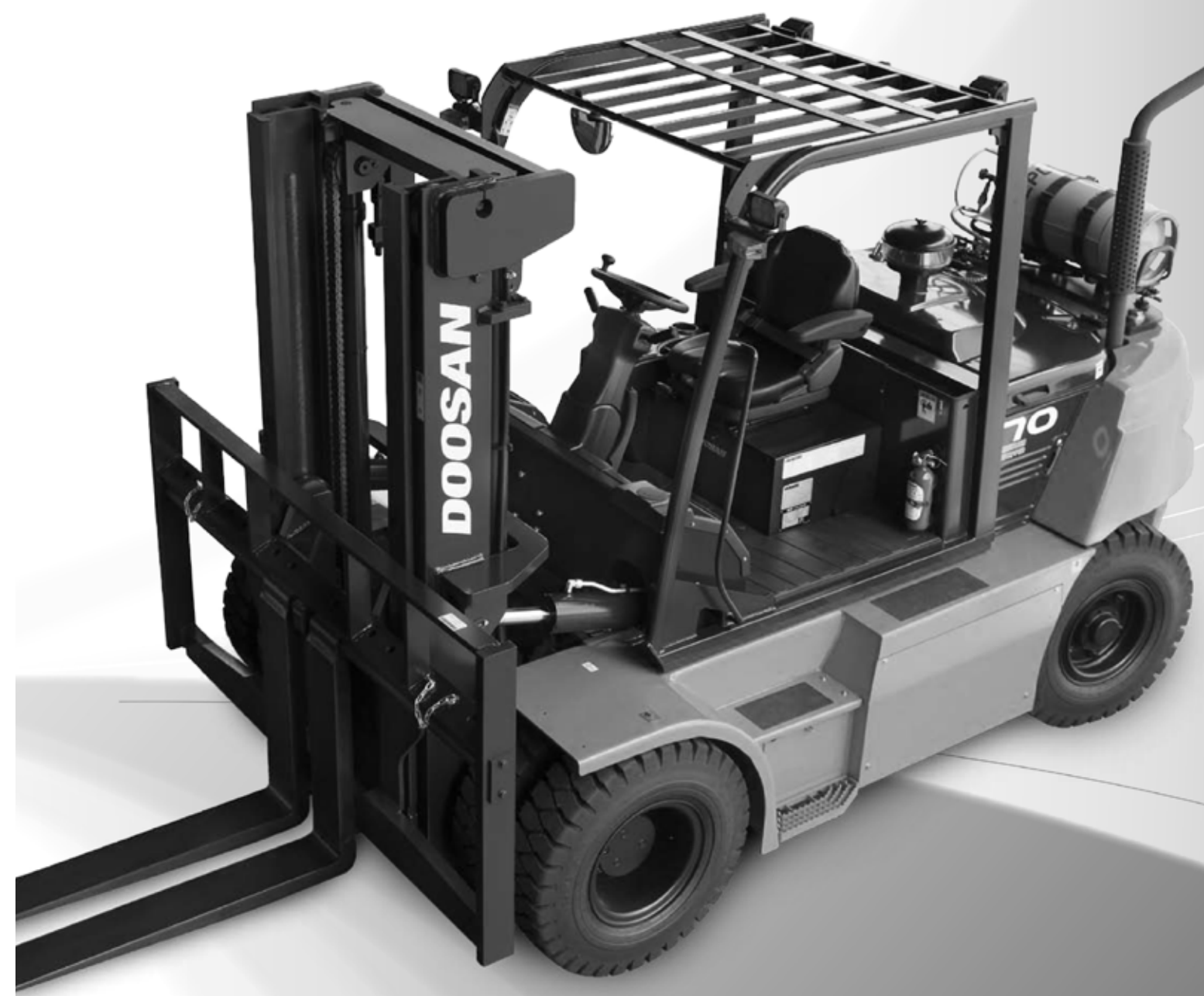




## 7 Series Forklifts Pneumatic LPG 6 to 7 ton Series



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AUTHORIZED DEALER

EUG70S-7-160608v1EN (June 2016)

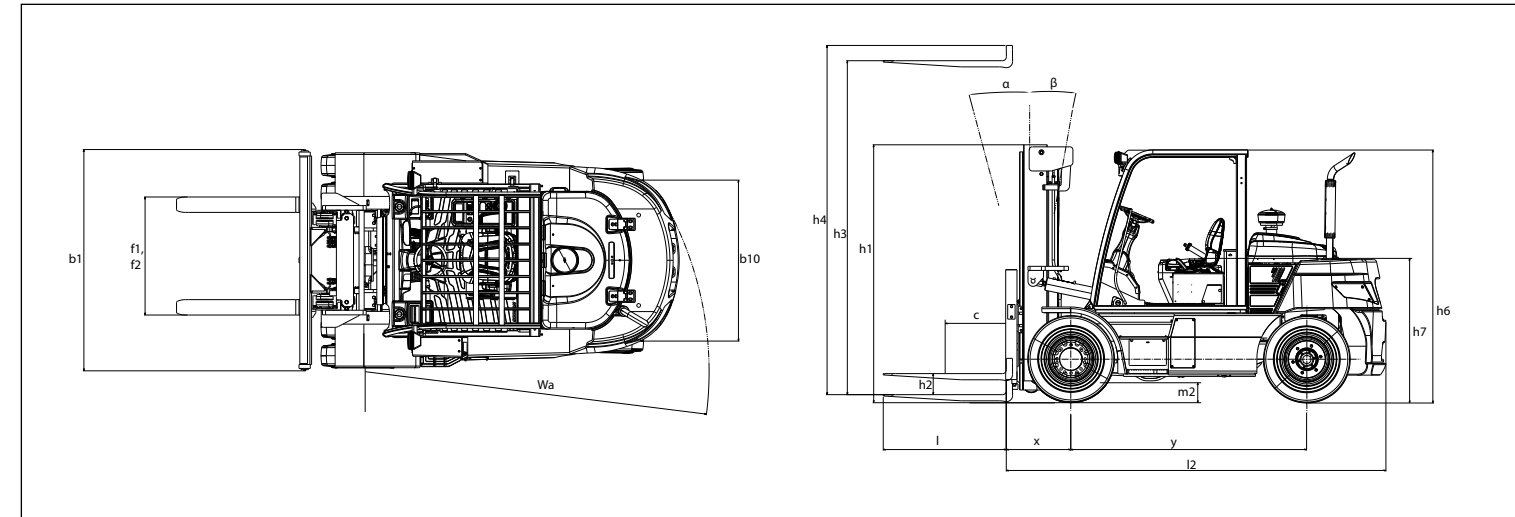
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# GENERAL SPECIFICATIONS

|                    |   |   |                              | Tier III         |               | Non Certi           |                     |                      |                      |
|--------------------|---|---|------------------------------|------------------|---------------|---------------------|---------------------|----------------------|----------------------|
| CHARACTERISTICS    | 1.1   | Manufacturer                                      |                              | Doosan           | Doosan        | Doosan              | Doosan              |                      |                      |
|                    | 1.2   | Model   |                              | G60S-7           | G70S-7        | G60S-7              | G70S-7              |                      |                      |
|                    | 1.3   | Power type  |                              | LPG              | LPG           | LPG                 | LPG                 |                      |                      |
|                    | 1.4   | Operator type                                     |                              | driver-seated    | driver-seated | driver-seated       | driver-seated       |                      |                      |
|                    | 1.5   | Capacity  | at rated load center         | Q                | kg            | 6,000               | 7,000               | 6,000                | 7,000                |
|                    | 1.6   | Load center                                       |                              | c                | mm            | 600                 | 600                 | 600                  | 600                  |
|                    | 1.8   | Load moment constant                              |                              | x                | mm            | 632                 | 632                 | 632                  | 632                  |
|                    | 1.9   | Wheel base  |                              | y                | mm            | 2,300               | 2,300               | 2,300                | 2,300                |
|                    | WEIGHT                                      | 2.1   | Service weight               | unloaded         |               | kg                  | 8,745               | 9,425                | 8,745                |
| 2.2                |   | Axle load   | loaded, front/rear           |                  | kg            | 13,280 / 1,530      | 14,615 / 1,875      | 13,280 / 1,530       | 14,615 / 1,875       |
| 2.3                |   | Axle load   | unloaded, front/rear         |                  | kg            | 4,040 / 4,705       | 3,835 / 5,590       | 4,040 / 4,705        | 3,835 / 5,590        |
| WHEELS AND CHASSIS | 3.1   | Tires   | P=pneumatic, E=solid         |                  |               | P/E                 | P/E                 | P/E                  | P/E                  |
|                    | 3.2   | Tire size   | front                        |                  |               | 8.25x15-14PR        | 8.25x15-14PR        | 8.25x15-14PR         | 8.25x15-14PR         |
|                    | 3.3   | Tire size   | rear                         |                  |               | 8.25x15-14PR        | 8.25x15-14PR        | 8.25x15-14PR         | 8.25x15-14PR         |
|                    | 3.5   | Number of wheels                                  | front/rear (x=driven)        |                  |               | x 4/2               | x 4/2               | x 4/2                | x 4/2                |
|                    | 3.6   | Track width                                       | front                        | b10              | mm            | 1,584               | 1,584               | 1,584                | 1,584                |
|                    | 3.7   | Track width                                       | rear                         | b11              | mm            | 1,550               | 1,550               | 1,550                | 1,550                |
|                    | DIMENSIONS                                  | 4.1   | Tilt mast/fork carriage      | forward/backward | α/β           | °                   | 15 / 10             | 15 / 10              | 15 / 10              |
| 4.2                |   | Closed mast height                                |                              | h1               | mm            | 2,500               | 2,500               | 2,500                | 2,500                |
| 4.3                |   | Free lift   |                              | h2               | mm            | 205                 | 205                 | 205                  | 205                  |
| 4.4                |   | Maximum fork height                               | with STD 2-stage mast        | h3               | mm            | 3,000               | 3,000               | 3,000                | 3,000                |
| 4.5                |   | Extended mast height                              |                              | h4               | mm            | 4,340               | 4,340               | 4,340                | 4,340                |
| 4.7                |   | Height over overhead guard                        | (cabin)                      | h6               | mm            | 2,455               | 2,455               | 2,455                | 2,455                |
| 4.8                |   | Seat height                                       |                              | h7               | mm            | 1,455               | 1,455               | 1,455                | 1,455                |
| 4.20               |   | Length to fork face                               |                              | l2               | mm            | 3,618               | 3,697               | 3,618                | 3,697                |
| 4.21               |   | Overall width                                     |                              | b1               | mm            | 2,108               | 2,108               | 2,108                | 2,108                |
| 4.22               |   | Forks (thickness x width x length)                |                              | s,e,l            | mm            | 60 x 180 x 1,200    | 60 x 180 x 1,200    | 60 x 180 x 1,200     | 60 x 180 x 1,200     |
|                    |   | Fork spacing                                      | min x max                    | f1, f2           | mm            | 410 x 2,032         | 410 x 2,032         | 410 x 2,032          | 410 x 2,032          |
| 4.23               |   | Carriage  | ISO-class                    |                  |               | IV                  | IV                  | IV                   | IV                   |
| 4.31               |   | Ground clearance                                  | loaded, at the lowest point  | m1               | mm            | 176                 | 176                 | 176                  | 176                  |
| 4.32               |   | Ground clearance                                  | loaded, center of wheel base | m2               | mm            | 205                 | 205                 | 205                  | 205                  |
| 4.33               |   | Aisle width for pallets 1000x1200, crossways      |                              | Ast              | mm            | 5,212               | 5,262               | 5,212                | 5,262                |
| 4.34               | Aisle width for pallet 800x1200, lengthways |   | Ast                          | mm               | 5,012         | 5,062               | 5,012               | 5,062                |                      |
| 4.35               | Outer turning radius                        |   | Wa                           | mm               | 3,380         | 3,430               | 3,380               | 3,430                |                      |
| 4.36               | Inner turning radius                        |   | b13                          | mm               | 1,279         | 1,279               | 1,279               | 1,279                |                      |
| PERFORMANCE        | 5.1   | Travel speed                                      | loaded/unloaded              |                  | km/h          | 22.6 / 23.7         | 22.5 / 23.4         | 22.6 / 23.7          | 22.5 / 23.4          |
|                    | 5.2   | Lift speed  | loaded/unloaded              |                  | mm/s          | 380 / 410           | 380 / 410           | 380 / 410            | 380 / 410            |
|                    | 5.3   | Lowering speed                                    | loaded/unloaded              |                  | mm/s          | 490 / 460           | 490 / 460           | 490 / 460            | 490 / 460            |
|                    | 5.5   | Drawbar pull                                      | loaded, at 1.6 km/h          |                  | kg            | 4,262               | 4,236               | 4,262                | 4,236                |
|                    | 5.7   | Gradeability                                      | loaded/unloaded              |                  | %             | 30                  | 26.5                | 30                   | 26.5                 |
|                    | 5.10  | Service brake                                     |                              |                  |               | foot / hyd.         | foot / hyd.         | foot / hyd.          | foot / hyd.          |
|                    | Parking brake                               |   |                              |                  | hand / mech.  | hand / mech.        | hand / mech.        | hand / mech.         |                      |
| IC ENGINE          | 7.1   | Manufacturer/type                                 |                              |                  |               | PSI 4.3L (Tier III) | PSI 4.3L (Tier III) | PSI 4.3L (Non Certi) | PSI 4.3L (Non Certi) |
|                    | 7.2   | Rated output                                      |                              |                  | kW            | 70 / 2,500          | 70 / 2,500          | 70 / 2,500           | 70 / 2,500           |
|                    |   | Max. torque                                       |                              |                  | Nm/rpm        | 283.9 / 1,800       | 283.9 / 1,800       | 283.9 / 1,800        | 283.9 / 1,800        |
|                    | 7.4   | Cylinders/displacement                            |                              |                  | cc            | 6 / 4,294           | 6 / 4,294           | 6 / 4,294            | 6 / 4,294            |
|                    | 7.9   | Battery voltage                                   |                              |                  | V             | 12 / 75             | 12 / 75             | 12 / 75              | 12 / 75              |
|                    |   | Transmission type                                 |                              |                  |               | powershift          | powershift          | powershift           | powershift           |
|                    |   | Transmission - number of speeds forward / reverse |                              |                  |               | 2 / 2               | 2 / 2               | 2 / 2                | 2 / 2                |
|                    |   | Hydraulic pressure system                         |                              |                  | bar           | 190                 | 215                 | 190                  | 215                  |
|                    | 10.1  | Hydraulic pressure for attachments                |                              |                  | bar           | 140                 | 140                 | 140                  | 140                  |

Note : Specification values quoted in this specification sheet have been rounded. Performance may vary due to operation conditions. Products and specifications are subject to improvement and change without prior notices.

# DIMENSIONAL DRAWING



# MAST SPECIFICATIONS and RATED CAPACITIES

## G60S-7

| Mast type | Maximum Fork Height | Maximum Lowered Height | Fully Extended Height | Free Lift | Rated Load Capacities |     |                  |
|-----------|---------------------|------------------------|-----------------------|-----------|-----------------------|-----|------------------|
|           |                     |                        |                       |           | G60S-7                |     |                  |
|           |                     |                        |                       |           | Tilt Angle            |     | Load Capacities  |
|           |                     |                        |                       |           | Double Pneumatic      |     | Double Pneumatic |
|           | mm                  | mm                     | mm                    | mm        | FWD                   | BWD | LC600mm          |
|           | deg                 | deg                    |                       |           |                       |     | kg               |
| STD       | 3,000               | 2,495                  | 4,275                 | 205       | 15                    | 10  | 6,000            |
|           | 3,500               | 2,745                  | 4,775                 | 205       | 15                    | 10  | 6,000            |
|           | 3,700               | 2,845                  | 4,975                 | 205       | 15                    | 10  | 6,000            |
|           | 4,000               | 2,995                  | 5,275                 | 205       | 15                    | 10  | 6,000            |
|           | 4,500               | 3,345                  | 5,775                 | 205       | 15                    | 10  | 6,000            |
|           | 5,000               | 3,595                  | 6,275                 | 205       | 15                    | 10  | 6,000            |
|           | 5,500               | 3,845                  | 6,775                 | 205       | 15                    | 10  | 5,875            |
| FFT       | 6,000               | 4,095                  | 7,275                 | 205       | 15                    | 10  | 5,675            |
|           | 4,550               | 2,540                  | 5,570                 | 1,580     | 15                    | 10  | 5,900            |
|           | 5,000               | 2,690                  | 6,020                 | 1,730     | 15                    | 10  | 5,725            |
|           | 5,600               | 2,890                  | 6,620                 | 1,930     | 15                    | 10  | 5,500            |
|           | 6,050               | 3,040                  | 7,070                 | 2,080     | 15                    | 10  | 5,300            |

## G70S-7

| Mast type | Maximum Fork Height | Maximum Lowered Height | Fully Extended Height | Free Lift | Rated Load Capacities |     |                  |
|-----------|---------------------|------------------------|-----------------------|-----------|-----------------------|-----|------------------|
|           |                     |                        |                       |           | G70S-7                |     |                  |
|           |                     |                        |                       |           | Tilt Angle            |     | Load Capacities  |
|           |                     |                        |                       |           | Double Pneumatic      |     | Double Pneumatic |
|           | mm                  | mm                     | mm                    | mm        | FWD                   | BWD | LC600mm          |
|           | deg                 | deg                    |                       |           |                       |     | kg               |
| STD       | 3,000               | 2,495                  | 4,275                 | 205       | 15                    | 10  | 7,000            |
|           | 3,500               | 2,745                  | 4,775                 | 205       | 15                    | 10  | 7,000            |
|           | 3,700               | 2,845                  | 4,975                 | 205       | 15                    | 10  | 7,000            |
|           | 4,000               | 2,995                  | 5,275                 | 205       | 15                    | 10  | 7,000            |
|           | 4,500               | 3,345                  | 5,775                 | 205       | 15                    | 10  | 7,000            |
|           | 5,000               | 3,595                  | 6,275                 | 205       | 15                    | 10  | 7,000            |
|           | 5,500               | 3,845                  | 6,775                 | 205       | 15                    | 10  | 7,000            |
| FFT       | 6,000               | 4,095                  | 7,275                 | 205       | 15                    | 10  | 6,900            |
|           | 4,550               | 2,540                  | 5,570                 | 1,580     | 15                    | 10  | 7,000            |
|           | 5,000               | 2,690                  | 6,020                 | 1,730     | 15                    | 10  | 7,000            |
|           | 5,600               | 2,890                  | 6,620                 | 1,930     | 15                    | 10  | 6,725            |
|           | 6,050               | 3,040                  | 7,070                 | 2,080     | 15                    | 10  | 6,500            |

Note : Mast Specifications & Rated Capacities are based on standard chassis with dual pneumatic tire and without side shifter.