

# Zhejiang GS Forklift Truck Co., Ltd.

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## Technical Parameter:

|                          |    |  |                                      |         |                     |                     |              |
|--------------------------|----|--|--------------------------------------|---------|---------------------|---------------------|--------------|
| General                  | 1  | Model                                      |                                      |         | FY20B-R1 / FQ20B-R1 | FY25B-R1 / FQ25B-R1 |              |
|                          | 2  | Power Type                                 |                                      |         | Gasoline/LPG        | Gasoline/LPG        |              |
|                          | 3  | Rated Capacity                             |                                      | kg      | 2000                | 2500                |              |
|                          | 4  | Load Centre                                |                                      | mm      | 500                 | 500                 |              |
| Characteristic&Dimension | 5  | Lift Height                                |                                      | mm      | 3000                | 3000                |              |
|                          | 6  | Fork Size                                  | L×W×T                                |         | mm                  | 1070×122×40         | 1070×122×40  |
|                          | 7  | Mast Tilt Angle                            | F/R                                  |         | Deg                 | 6°/12°              | 6°/12°       |
|                          | 8  | Front Overhang (Wheel center to fork face) |                                      | mm      | 482                 | 482                 |              |
|                          | 9  | Ground Clearance (Bottom of mast)          |                                      | mm      | 110                 | 110                 |              |
|                          | 10 | Overall Dimension                          | Length to face of fork(Without fork) |         | mm                  | 2460                | 2530         |
|                          | 11 |  | Overall Width                        |         | mm                  | 1150                | 1150         |
|                          | 12 |  | Mast Lowered Height                  |         | mm                  | 1985                | 1985         |
|                          | 13 |  | Mast Extended Height(With backrest)  |         | mm                  | 4030                | 4030         |
|                          | 14 |  | Overhead Guard Height                |         | mm                  | 2070                | 2070         |
|                          | 15 | Turning Radius (outside)                   |                                      | mm      | 2170                | 2240                |              |
| Performance              | 16 | Speed                                      | Travel (No load)                     |         | km/h                | 20                  | 20           |
|                          | 17 |  | Lifting(Full load)                   |         | mm/s                | 490                 | 490          |
|                          | 18 | Max.Gradeability (No load/Full load)       |                                      | %       | 20                  | 20                  |              |
| Chassis                  | 19 | Tire                                       | Front                                |         | mm                  | 7.00-12-12PR        | 7.00-12-12PR |
|                          | 20 |  | Rear                                 |         | mm                  | 6.00-9-10PR         | 6.00-9-10PR  |
|                          | 21 | Wheelbase                                  |                                      | mm      | 1600                | 1600                |              |
|                          | 22 | Self weight                                |                                      | kg      | 3350                | 3730                |              |
| Power&Transmission       | 23 | Battery                                    | Voltage/Capacity                     |         | V/Ah                | 12/90               | 12/90        |
|                          | 24 | Engine                                     | Model                                |         |                     | K21                 |              |
|                          | 25 |  | Manufacture                          |         |                     | NISSAN              |              |
|                          | 26 |  | Rated output/r.p.m.                  |         | kw                  | 32.3/2300           |              |
|                          | 27 |  | Rated torque/r.p.m.                  |         | N·m                 | 142/1600            |              |
|                          | 28 |  | No.of Cylinder                       |         |                     | 4                   |              |
|                          | 29 |  | Bore×Stroke                          |         | mm                  | 87.2×83             |              |
|                          | 30 |  | Displacement                         |         | cc                  | 1982                |              |
|                          | 31 |  | Fuel Tank Capacity                   |         | L                   | 60                  |              |
|                          | 32 | Transmission                               | Type                                 |         |                     | Powershift (Manual) |              |
|                          | 33 |  | Stage                                | FWD/RVS |                     |                     | 1/1(2/2)     |