FS

SHANDONG FENGSONG

INTELLIGENT TECHNOLOGY CO., LTD.

G SERIES
Diesel Forklifts

Internal Combustion Counterbalanced Forklift Trucks

2.0t | 2.5t | 3.0t | 3.5t | 3.8t | 4.0t

Models CPC(D)-G20 / G25 / G30 / G35 / G38 / G40X



SAFE · RELIABLE · EFFICIENT · DURABLE

SAFE · RELIABLE · ENERGY-SAVING · EFFICIENT

Product Overview

G Series · Design & Key Figures

Introduction

The G Series 2.0–4.0 t internal combustion counterbalanced forklift reflects the Fengsong commitment to becoming the most trusted brand in the industry. A common-rail diesel engine, one-piece cast steer axle, CAN-bus digital cluster, construction-grade hydraulics and wide-view mast combine dependable power with operator comfort across warehousing, logistics, manufacturing and outdoor duty.

2.0–4.0 t
Rated Capacity Range

3000 mm
Standard Lift Height

Stage II/III/Euro5
Emission Standards

2290–2730 mm
Min. Turning Radius

Models

FS-G20 | FS-G25 | FS-G30 | FS-G35 | FS-G38 | FS-G40



Core Features

Ten engineering highlights

1 One-Piece Cast Steer Axle

One-piece cast steer axle with tapered roller kingpin bearings resists shock loads and extends service life.

2 Common-Rail Diesel Engine

High-pressure common-rail power delivers strong output, cleaner emissions and better fuel economy.

3 Digital Stepper Cluster + CAN Bus

Digital stepper cluster on CAN bus gives clear readouts and real-time machine status.

4 Integrated Electrical System

Fuses and relays are grouped in a sealed, dust- and water-resistant box for reliable connections and easy service.

5 Wide-View Mast

Wider mast channels open the forward view; CJ-section steel keeps the mast rigid and safe.

6 Ergonomic Controls

Integrated valve levers and grouped electrical switches put every control within easy reach.

7 Construction-Grade Hydraulics

Construction-grade hydraulics with 24° cone seals; optimized cylinders and circuits raise lift speed by 15%.

8 Optimized Side Rollers

Side rollers sit above the main rollers, cutting mast sway at height for steadier high-level handling.

9 E-Coated Overhead Guard

E-coated, robot-welded overhead guard with consistent weld quality and lasting rigidity.

10 One-Piece Stamped Body Panels

Single-stamp panels give clean lines; phosphating and baked paint resist corrosion and oxidation.

Power & Engine System

Diesel powertrain · configuration confirmed at order

Diesel Power

Model and configuration confirmed at order

Common Rail

More complete combustion, lower fuel consumption

Low Emissions

Configured to meet export-market requirements

Engine manufacturer/model: Diesel engine, model confirmed at order

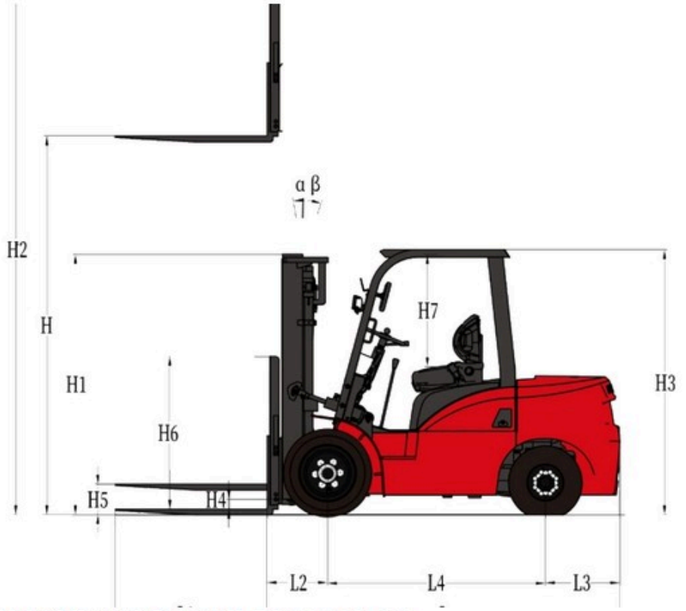
Product Details

Exterior, contour and turning aisle



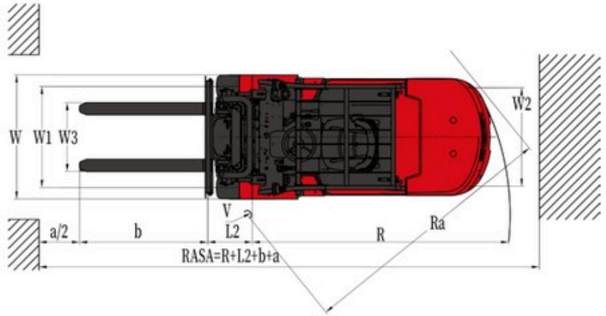
Wide-View Mast / Exterior

A wider mast opens up the operator view; clean, robust body lines built for heavy duty.



Side View / Overall Dimensions

Key overall dimensions clearly annotated for a compact, well-balanced, load-ready design.



Top View / Turning Aisle

Plan view relates turning radius to aisle width for confident tight-aisle planning.

Performance & Ergonomics

Key figures and operator comfort

17–19
Max. Travel Speed (km/h)

420–600
Max. Lift Speed (mm/s)

15–20
Gradeability (%)

2290–2730
Min. Turning Radius (mm)

16–25
Max. Traction (kN)

3000
Standard Lift Height (mm)

Ergonomics Highlights

- Compact 300 mm tilt-adjustable steering wheel reduces operator fatigue;
- Wider legroom and a lower step make entry and exit easier;
- Anti-slip step and welded grab handle for safe, easy access;
- Wide-opening hood gives quick access to the engine bay for daily service.

Technical Parameters (I)

Technical Parameters · General Data

Parameter	FS-G20	FS-G25	FS-G30	FS-G35	FS-G38	FS-G40
Manufacturer	FENGSONG	FENGSONG	FENGSONG	FENGSONG	FENGSONG	FENGSONG
Model	FS-G20	FS-G25	FS-G30	FS-G35	FS-G38	FS-G40
Rated load lifting capacity Q(kg)	2000	2500	3000	3500	3800	4000
Rated load center distance c(mm)	500	500	500	500	500	500
Power type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Service weight (kg)	3400	3700	4300	4650	4850	5000
Tire type	Pneumatic tyre	Pneumatic tyre	Pneumatic tyre	Pneumatic tyre	Pneumatic tyre	Pneumatic tyre
Front tire specifications	7.00-12-12PR	7.00-12-12PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	250-15-16PR
Rear tire specifications	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
Max. lift height H4(mm)	3000	3000	3000	3000	3000	3000

Technical Parameters (II)

Technical Parameters · Dimensions & Performance

Parameter	FS-G20	FS-G25	FS-G30	FS-G35	FS-G38	FS-G40
Mast lowered height (mm)	2000	2000	2125	2130	2125	2130
Overall height (overhead guard) H6(mm)	2110	2110	2130	2130	2145	2155
Length (to the vertical plane of the fork) l2(mm)	2520	2520	2810	2810	2990	2990
Width b1(mm)	1170	1170	1230	1230	1230	1240
Fork size (L*W*H) l/s/e(mm)	1220×122×45	1220×122×45	1220×122×45	1220×122×50	1220×122×50	1220×122×50
Min. ground clearance mm	110	110	130	130	130	140
Max. travelling speed (full load/no load) km/h	17/19	17/19	18.5/19	18.5/19	18.5/19	19/19.5
Max. lift speed (full load/no load) mm/s	560/600	560/600	480/510	480/510	370/400	370/400
Engine manufacturer/model	Diesel engine, model confirmed at order	Diesel engine, model confirmed at order	Diesel engine, model confirmed at order	Diesel engine, model confirmed at order	Diesel engine, model confirmed at order	Diesel engine, model confirmed at order

Specifications are indicative; final figures confirmed at order.

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Committed to Being the Most Trusted Brand

Trusted performance, engineered for the toughest duty cycles.



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