FORKLIFTS

TECHNICAL SPECIFICATION SHEET

5,000 LB FORKLIFT

LPG counterbalance forklift · Kubota WG2503

A 2.5-ton class LPG forklift with Kubota WG2503 power and an automatic transmission.



5,512 lb Nominal capacity at 500 mm load center (2,500 kg)	**3,748 lb** At full 14 ft 9 in lift (1,700 kg)	**14 ft 9 in** Max. fork height, 3-stage full-free mast (4.5 m)	**58.3 HP** Kubota WG2503 LPG engine (43.5 kW)
Powershift Automatic transmission	**5 ft** Forks (1,520 mm); side shift included	**7 ft 8 in** Turning radius (2,330 mm)	**100 × 46.1 in** Length to fork face × width (2,540 × 1,170 mm)

The 4.5 m full-free three-stage mast lifts to 14 ft 9 in, and the side shift and 5 ft (1,520 mm) forks are included.

KEY FEATURES

- **Kubota WG2503 LPG engine**
  The Kubota WG2503 runs on propane through an IMPCO conversion system: the proportional mixer keeps the air-fuel ratio right for easy starts and steady running, and a three-way catalytic converter cleans the exhaust.
- **Rear-mounted LPG cylinder**
  The cylinder sits on its bracket behind the overhead guard and is strapped down; it is filled or exchanged by a licensed propane supplier.
- **Built for the operator**
  Seat with safety belt under the overhead guard, compact steering wheel, car-style direction and light levers, LED work lights, mirror and warning light.
- **Inching and brake pedals**
  The inching pedal slows the drive while the engine keeps the hydraulics at speed: fine positioning at full lift speed.
- **Automatic drive**
  Forward and reverse on the steering-column lever, an inching pedal for fine moves while lifting, a hydraulic service brake and a hand parking brake.

APPLICATIONS Pallets and crates in warehouses and distribution; production and fabrication-shop material flow; loading and unloading trucks and containers from a dock or ramp; slab and block handling with an approved attachment.

5,000 LB FORKLIFT · TECHNICAL DATA

LPG COUNTERBALANCE FORKLIFT · KUBOTA WG2503

CAPACITY	
Nominal rated capacity*	5,512 lb (2,500 kg) at 19.7 in (500 mm)
With the 4.5 m three-stage mast	3,748 lb (1,700 kg) at 19.7 in (500 mm) (single front tires)
4.5 m mast, dual front tires (option)	4,850 lb (2,200 kg) at 19.7 in (500 mm), with dual front tires
Load center	1 ft 8 in (500 mm)

ENGINE AND DRIVE	
Engine	Kubota WG2503, LPG
Displacement	4 cylinders, 2.5 L
Rated power	58.3 hp (43.5 kW) at 2,600 rpm, nameplate
Emissions	Engine label: 2025 U.S. EPA (nonroad SI) and California off-road large SI engine regulations; certified for unleaded gasoline and commercial propane (the truck is LPG-equipped)
Fuel system	IMPCO LPG conversion system, proportional mixer; three-way catalytic converter
LPG cylinders	One rear-mounted cylinder, strapped to its bracket
Transmission	Automatic (powershift), 1 forward / 1 reverse
Brakes	Hydraulic service brake; mechanical parking brake
Hydraulic working pressure	2,538 psi (17.5 MPa)

MAST, FORKS AND ATTACHMENTS	
Mast	Full-free three-stage
Mast tilt, forward / back	6° / 6°
Forks	5 ft 0 in (1,520 mm) long; 120 × 40 mm section
Side shift	Included
Fork spread, outside max. / min.	1,024 / 240 mm

PERFORMANCE (CATALOG, 3 M MAST)	
Travel speed, loaded / unloaded	10.6 / 11.8 mph (17 / 19 km/h)
Lift speed, loaded / unloaded	104 / 108 ft/min (530 / 550 mm/s)
Lowering speed, loaded / unloaded	89 / 108 ft/min (450 / 550 mm/s)
Gradeability, loaded / unloaded	23% / 18%
Max. drawbar pull, loaded / unloaded	19 kN / 15 kN
Service weight	7,959 lb (3,610 kg)

OPERATOR AND SAFETY	
Seat	Seat with safety belt
Overhead guard	Yes, with load backrest
Warning light	Yes
Lights	LED work lights
In the box	Tool box, spare-parts book and operation manual

TRUCK	
Length to fork face	8 ft 4 in (2,540 mm)
Overall width	3 ft 10 in (1,170 mm)
Overhead guard height	6 ft 11 in (2,120 mm)
Wheelbase	5 ft 3 in (1,600 mm)
Front overhang (axle to fork face)	1 ft 6 in (459 mm)
Tread, front / rear	970 / 970 mm
Outside turning radius	7 ft 8 in (2,330 mm)

TRUCK AND MAST	
Ground clearance, mast / wheelbase center	110 / 135 mm
Tires, front	7.00-12-12PR pneumatic
Tires, rear	6.00-9-10PR pneumatic
Packed for shipping (L × W × H)	101 × 46 × 83 in (2,576 × 1,170 × 2,100 mm)
Mast lowered height (4.5 m mast)	6 ft 7 in (1,995 mm)
Free lift (with load backrest)	3 ft 3 in (995 mm)

INCLUDED AS STANDARD

- IMPCO LPG fuel system and three-way catalytic converter
- 5 ft (1,520 mm) forks, load backrest and side shift
- Rear-mounted LPG cylinder bracket
- Seat with safety belt, overhead guard, warning light, LED work lights
- Tool box, spare-parts book and operation manual

LAYOUT AND DIMENSIONS



The real truck, with the factory dimensions for this configuration.

Factory quotation Oct 28, 2026 and the factory catalog. Performance and weight are catalog values for the base truck with the 3 m mast; the 4.5 m mast and side shift add weight. *Nominal capacity with the 3 m mast; the capacity plate on the delivered truck governs. U.S. values first, metric in brackets. Specifications are subject to change without notice. Images may show optional equipment. All dimensions and weights are approximate; U.S. values are converted from the factory's metric data. Document date: Nov 2026. Next Level Enterprises · www.nextlevel.plus · +1 941-900-3018 · sales@nextlevel.plus