


# 6,000 LB FORKLIFT

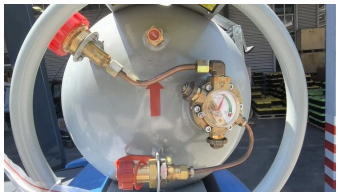
LPG counterbalance forklift · Kubota WG2503

## PRODUCT OVERVIEW

A 3-ton class LPG forklift with Kubota WG2503 power and an automatic transmission. The 4.5 m full-free three-stage mast lifts to 14 ft 9 in, and the side shift and 1,520 mm (5 ft) forks are included.




**Next Level hood panel**



**LPG cylinder valves**

| 6,614 lb | 14 ft 9 in | Kubota WG2503 | Side shift |
|---|---|---|---|
| Nominal capacity (3,000 kg)* | Max. fork height (4.5 m) | LPG engine | 1,520 mm forks included |

## KEY SPECIFICATIONS

| | |
|---|---|
| **Capacity at 4.5 m** | 5,512 lb (2,500 kg) at 500 mm |
| **Engine** | Kubota WG2503, LPG, 4 cylinders, 2.5 L |
| **Rated power** | 58.3 hp (43.5 kW) at 2,600 rpm |
| **Transmission** | Automatic (powershift) |
| **Mast** | Full-free three-stage, 4,500 mm |
| **Tires** | pneumatic |
| **Turning radius** | 2,420 mm (7 ft 11 in) |
| **Service weight** | 9,094 lb (4,125 kg), 3 m mast |

### CAPACITY AT FULL HEIGHT

*6,614 lb (3,000 kg) is the nominal rating with the standard 3 m mast. With this 4.5 m three-stage mast the rating is 5,512 lb (2,500 kg) at 500 mm. The capacity plate on the delivered truck governs.

## IDEAL 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.

## INCLUDED CONFIGURATION

- IMPCO LPG fuel system and three-way catalytic converter.
- 1,520 mm (5 ft) 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.

## BEFORE YOU ORDER

Check doorways, ceilings and container heights against the mast lowered height and the guard height on the 'Size it up' page; confirm floors, ramps and dock plates for truck plus load; plan ventilation for indoor LPG use and a licensed propane supplier. Only trained, authorized operators drive the truck.

# KUBOTA POWER. PROPANE CLEAN.

An LPG drivetrain built around a Kubota engine and an automatic transmission.

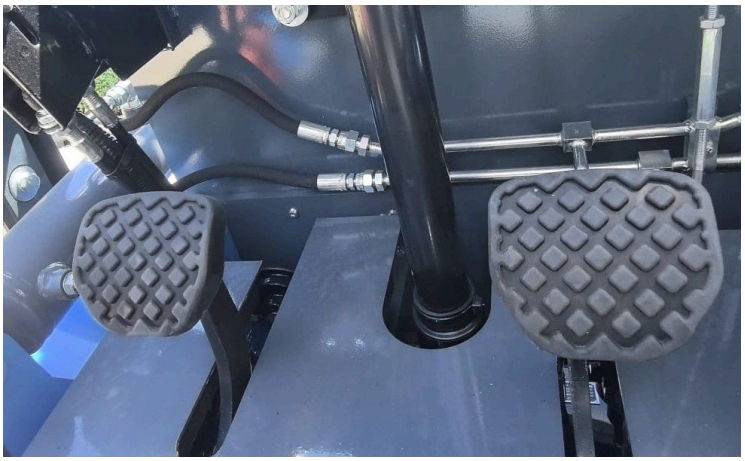



## Kubota WG2503 LPG engine

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. The engine label states compliance with 2025 U.S. EPA nonroad and California off-road large SI engine regulations.

### PROPANE, INDOORS AND OUT

Propane leaves no carbon build-up in the engine and keeps the oil cleaner. Indoors you still need ventilation; follow your site's rules and the manual for cylinder storage and changing.



## Inching and brake pedals.

The inching pedal slows the drive while the engine keeps the hydraulics at speed: fine positioning at full lift speed.




## Multifunction display.

Hour meter, engine rpm, oil pressure and battery voltage on one screen, with low-fuel and warning messages.

### 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.

### 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.

# TECHNICAL SPECIFICATIONS

6,000 lb Forklift · LPG · 4.5 m full-free three-stage mast · technical data

## CAPACITY

| | |
|---|---|
| **Nominal rated capacity*** | 6,614 lb (3,000 kg) at 500 mm (19.7 in) |
| **With the 4.5 m three-stage mast** | 5,512 lb (2,500 kg) at 500 mm (19.7 in) (single front tires) |
| **4.5 m mast, dual front tires (option)** | 5,952 lb (2,700 kg) at 500 mm (19.7 in), 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; 122 × 45 mm section |
| **Side shift** | Included |
| **Fork spread, outside max. / min.** | 1,060 / 250 mm |

## PERFORMANCE (CATALOG, 3 M MAST)

| | |
|---|---|
| **Travel speed, loaded / unloaded** | 11.2 / 12.1 mph (18 / 19.5 km/h) |
| **Lift speed, loaded / unloaded** | 93 / 102 ft/min (470 / 520 mm/s) |
| **Lowering speed, loaded / unloaded** | 89 / 108 ft/min (450 / 550 mm/s) |
| **Gradeability, loaded / unloaded** | 22% / 18% |
| **Max. drawbar pull, loaded / unloaded** | 18 kN / 14 kN |
| **Service weight** | 9,094 lb (4,125 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 |

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.

# SIZE IT UP.

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




## TRUCK

| | |
|---|---|
| **Length to fork face** | 9 ft 0 in (2,755 mm) |
| **Overall width** | 4 ft 0 in (1,225 mm) |
| **Overhead guard height** | 7 ft 0 in (2,140 mm) |
| **Wheelbase** | 5 ft 9 in (1,740 mm) |
| **Front overhang (axle to fork face)** | 1 ft 6 in (467 mm) |
| **Tread, front / rear** | 1,000 / 970 mm |
| **Outside turning radius** | 7 ft 11 in (2,420 mm) |

## TRUCK (CONT.) AND MAST

| | |
|---|---|
| **Ground clearance, mast / wheelbase center** | 120 / 143 mm |
| **Tires, front** | 28x9-15-12PR pneumatic |
| **Tires, rear** | 6.50-10-10PR pneumatic |
| **Packed for shipping (L × W × H)** | 106 × 48 × 83 in (2,682 × 1,225 × 2,100 mm) |
| **Mast lowered height (4.5 m mast)** | 6 ft 9 in (2,065 mm) |
| **Free lift (with load backrest)** | 2 ft 9 in (828 mm) |

Photo: factory-built truck in the Next Level livery; the mast and forks pictured can differ from the 4.5 m three-stage mast and 1,520 mm forks quoted. Dimensions from the factory catalog for this configuration.