

10,000 LB FORKLIFT

LPG counterbalance forklift · Kubota WG3800

PRODUCT OVERVIEW

A 5-ton class LPG forklift with Kubota WG3800 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.



Rear counterweight



Single front tires

11,023 lb	**14 ft 9 in**	**Kubota WG3800**	**Side shift**
Nominal capacity (5,000 kg)*	Max. fork height (4.5 m)	LPG engine	1,520 mm forks included

KEY SPECIFICATIONS

Capacity at 4.5 m	10,582 lb (4,800 kg) at 500 mm
Engine	Kubota WG3800, LPG, 3.8 L (3,769 cc)
Rated power	79.4 hp (59.2 kW) at 2,400 rpm
Transmission	Automatic (powershift)
Mast	Full-free three-stage, 4,500 mm
Tires	pneumatic
Turning radius	2,680 mm (8 ft 10 in)
Service weight	14,110 lb (6,400 kg), 3 m mast

CAPACITY AT FULL HEIGHT

*11,023 lb (5,000 kg) is the nominal rating with the standard 3 m mast. With this 4.5 m three-stage mast the rating is 10,582 lb (4,800 kg) at 500 mm. The capacity plate on the delivered truck governs.

IDEAL APPLICATIONS

- Heavy pallets, crates and machinery.
- Stone slabs and blocks with an approved attachment.
- Yard work on firm, assessed surfaces.
- Loading and unloading heavy trailers and containers.

INCLUDED CONFIGURATION

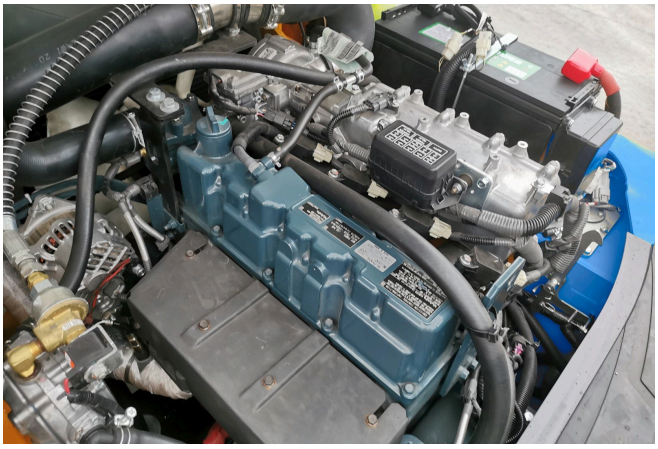
- IMPCO LPG fuel system and three-way catalytic converter.
- 1,520 mm (5 ft) forks, load backrest and side shift.
- Rear-mounted LPG cylinder bracket.
- Seat with safety belt, overhead guard, warning light, LED work lights.
- Tool box, spare-parts book and operation manual.

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 WG3800 LPG engine

The Kubota WG3800 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. Peak torque of 282.4 N·m (208 lb-ft) comes at just 1,200 rpm, for pulling power at low engine speed.

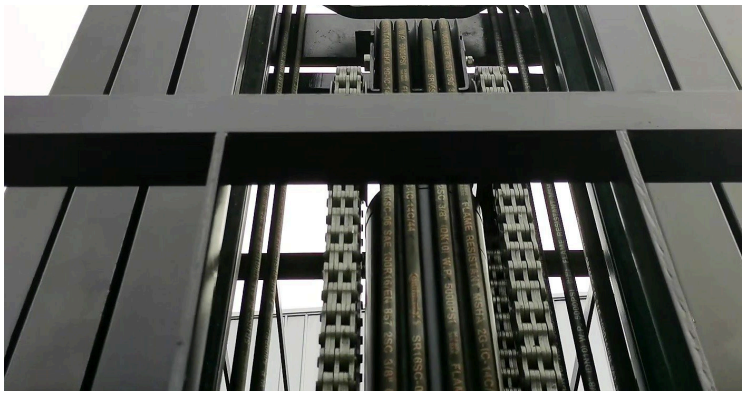
PROPANE, INDOORS AND OUT

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.



Overhead guard and lights.

The overhead guard carries the warning light and the LED combination lamps, high above the operator.



Full-free three-stage mast.

Lift chains and hydraulic lines run inside the mast channels; the 4.5 m mast lifts the forks to 14 ft 9 in.

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

10,000 lb Forklift · LPG · 4.5 m full-free three-stage mast · technical data

CAPACITY

Nominal rated capacity*	11,023 lb (5,000 kg) at 500 mm (19.7 in)
With the 4.5 m three-stage mast	10,582 lb (4,800 kg) at 500 mm (19.7 in) (single front tires)
4.5 m mast, dual front tires (option)	11,023 lb (5,000 kg) at 500 mm (19.7 in), with dual front tires
Load center	1 ft 8 in (500 mm)

ENGINE AND DRIVE

Engine	Kubota WG3800, LPG
Displacement	3.8 L (3,769 cc)
Max. torque	208 lb-ft (282.4 N·m) at 1,200 rpm
Emissions	EPA engine (factory quotation)
Fuel system	IMPCO LPG conversion system, proportional mixer; three-way catalytic converter
LPG cylinders	Rear-mounted; the factory lists a two-cylinder system for 5–7 t, confirmed on your quotation
Transmission	Automatic (powershift), 1 forward / 1 reverse
Brakes	Hydraulic service brake; mechanical parking brake
Hydraulic working pressure	2,901 psi (20 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; 150 × 50 mm section
Side shift	Included
Fork spread, outside max. / min.	1,370 / 300 mm

PERFORMANCE (CATALOG, 3 M MAST)

Travel speed, loaded / unloaded	11.2 / 11.8 mph (18 / 19 km/h)
Lift speed, loaded / unloaded	89 / 94 ft/min (450 / 480 mm/s)
Lowering speed, loaded / unloaded	94 / 102 ft/min (480 / 520 mm/s)
Gradeability, loaded / unloaded	20% / 16%
Max. drawbar pull, loaded / unloaded	20 kN / 20 kN
Service weight	14,110 lb (6,400 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	10 ft 7 in (3,220 mm)
Overall width	4 ft 6 in (1,380 mm)
Overhead guard height	6 ft 11 in (2,120 mm)
Wheelbase	6 ft 11 in (2,100 mm)
Front overhang (axle to fork face)	1 ft 10 in (555 mm)
Tread, front / rear	1,000 / 970 mm
Outside turning radius	8 ft 10 in (2,680 mm)

TRUCK (CONT.) AND MAST

Ground clearance, mast / wheelbase center	155 / 205 mm
Tires, front	300-15-18PR pneumatic
Tires, rear	7.00-12-12PR pneumatic
Packed for shipping (L × W × H)	122 × 58 × 94 in (3,110 × 1,480 × 2,380 mm)
Mast lowered height (4.5 m mast)	7 ft 4 in (2,240 mm)
Free lift (with load backrest)	3 ft 1 in (950 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.