

TEU

Efficient Forklift
EFFO17

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Engine-Powered Forklift Trucks
2.0 – 4.0 ton
(Counter-Balanced Type)

- TEU retains the right to change these products and specifications without incurring any obligation relating to such changes.
- These products and specifications are subject to change without notice.
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- Features and specifications may vary depending on markets.
- Performance data and dimensions are nominal and subject to tolerances.





Manufactured by
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2.0 ton
 FG20T
 FD20T
- 

2.5 ton
 FG25T
 FD25T
- 

3.0 ton
 FG30T
 FD30T
- 

3.5 ton
 FG35T
 FD35T
- 

4.0 ton
 FG40T
 FD40T

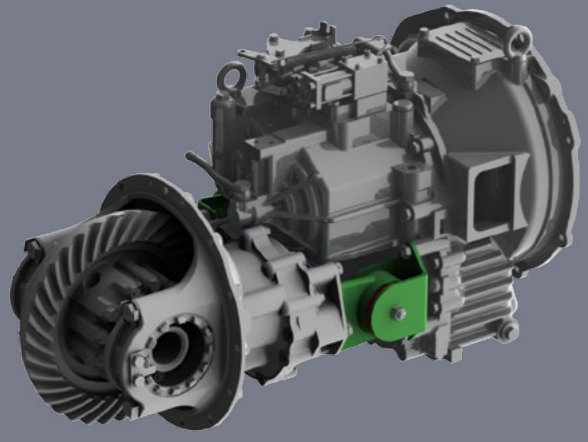
Efficient Forklift

EFFO 17

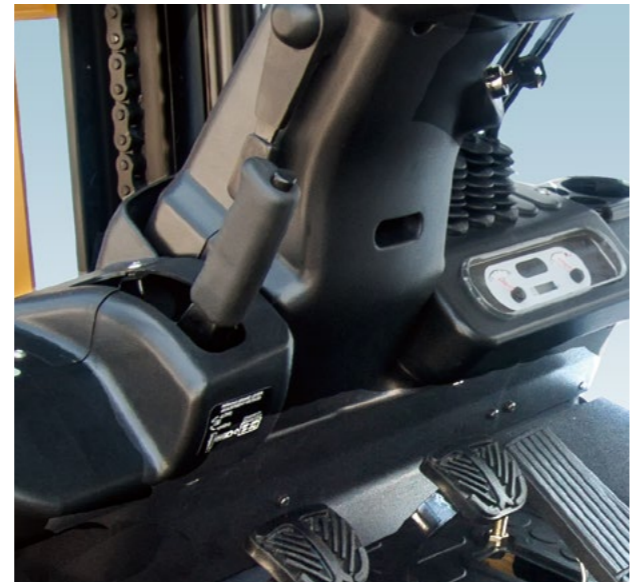
Second to None, Revolutionary Forklift Trucks Freshly Debuted

Succeeding TEU's traditional product concepts of superb performance and quality, we hereby announce a new type of forklift truck, offering incomparable ruggedness and operator-friendly features. It's the newly debuted **EFFO17**. TEU has fully upgraded and redesigned **EFFO17** for easier access, greater comfort, improved maneuverability, assured safety, and longer durability. Thanks to TEU's outstanding technological expertise and strengths, the **EFFO17** forklift truck achieves optimum performance for its class while providing outstanding comfort and safety.

ENHANCED OPERATOR COMFORT



Substantially reduced vibration by adopting dual-floating systems for both the engine and hood
 Minimizes the transfer of vibration to the operator, with four-point rubber cushion absorbers between the seat and engine and its transmission. Moreover, use of the same four-point suspension adopted in the hood, realizing a dual effect in reducing vehicle vibrations.
 (Option)



Reliable parking lever
 Parking lever with lock-up switch improved the reliability of parking brake and reduced the intensity of operation meanwhile.



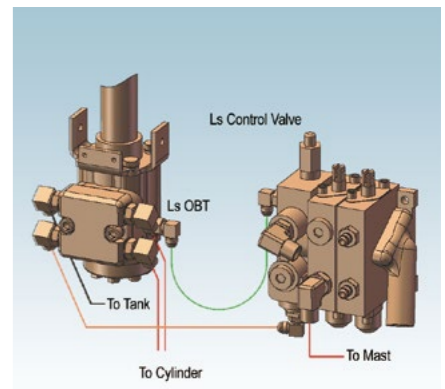
Expansive floor space for easier foot maneuvering
 An amazing 45% increase in floor space by placing tilt cylinders under the floor. This gives a smooth footwell in addition to easy entry and exit.



Easier entry and exit from an extra-wide step — 55% wider
 The secure step with enlarged foot space enables greater comfort and less fatigue while entering and exiting the vehicle.

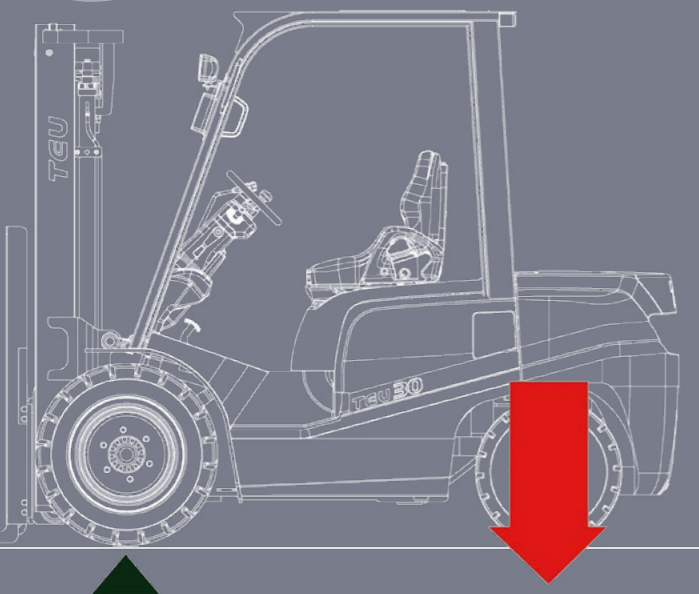


Multifunctional suspension seat
 Features include reinforced driver support, reduced vibration, operator weight balance adjusting, forward and backward reclining, a rear utility pocket, and seat belt.
 (Option)



Effective hydraulic system
 With load-sense OBT and multi-valves, the flow of hydraulic system is controlled more accurately and the working efficiency improved greatly.
 (Option)

UPERIOR MANEUVERABILITY AND ASSURED SAFETY



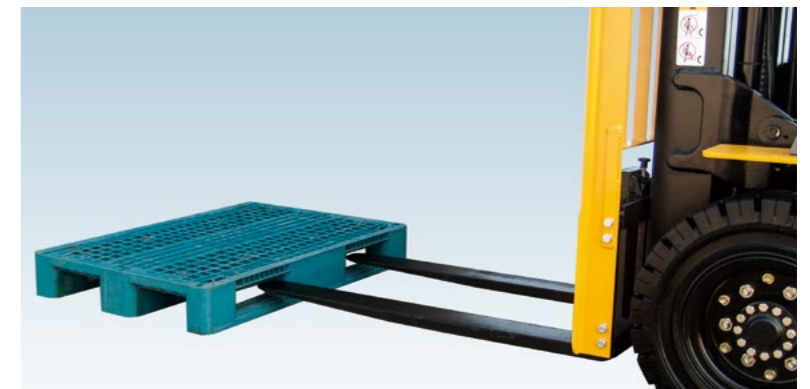
5% improved front and rear stability ratio
 Stable and more consistent cargo handling as well as travel due to an improved stability ratio.



Reduced fatigue due to a semi-circular steering wheel
 A smaller diameter (300mm outer diameter) steering wheel gives improved vehicle maneuverability. In addition, this compact steering wheel makes it much easier to get on and off the truck.



Meter panel optimally located to the right of the driver's seat
 The meter panel is located on the top right side of the dashboard for easier readability by the operator.



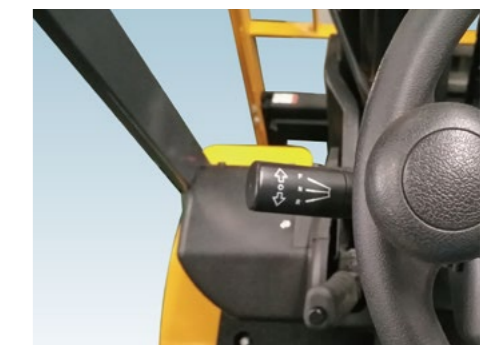
Wider forward visibility
 The lowered dashboard along with the wide view mast (VM), provide the excellent forward view and improve the operation safety .



Single-piece headguard
 The front and rear pillars as well as roof are all welded together in a single-piece construction to give additional strength to the entire structure.



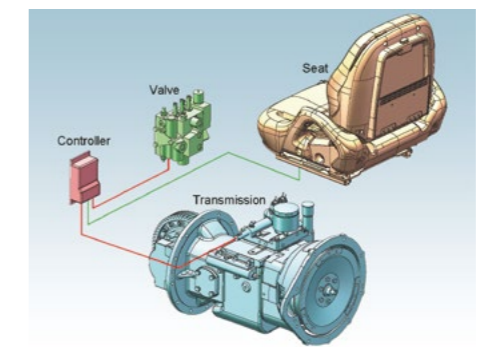
Security upgrade---lighting system
 The blue light, projects blue spot onto the ground to warn the man behind the forklift, improved the operation safety especially in the narrow and sheltered workplace.
 (Option)



Neutral safety mechanism
 This feature enhances safety of operation. The engine cannot be started unless the change level is in the neutral position.



High-mounted rear combination lights
 The brake lights are easily visible at the top of the overhead guard.



Operator Presence System
 OPS , which uses a sensor in the operator 's seat to detect the presence of the operator. Once the operator leaves the seat for seconds the forklift cannot move and the load-handling controls are disabled, which prevented the accidents.
 (Option)



Meter panel with LED indicators
 The LED has a longer life and is easy to read even during daylight shift operation.

EASY MAINTENANCE AND ENVIRONMENT FRIENDLINESS



Detachable side covers for convenient inspection and simple maintenance

Inspection and maintenance can be more easily performed due to one-touch detachable side covers and a wide-opening hood.

Integral layout of electrical parts and other system devices parts such as the fuse box, relay, and battery are neatly integrated into a conveniently compact area.



Matched with many engines

NISSAN K25(LPG) with EPA-certified, 42.2kw@2700rpm, 155Nm@1600rpm, complies with North American EPA emission standard. Also CUMMIS, ISUZU, MITSUBISHI, YANMAR and NISSAN diesel & gasoline motors as options. For more details, please contact with the local sales representative.



One-piece floorboard

Gives more convenient inspection and easier maintenance, as the one-piece floorboard unit is easily detachable without using any tools.



The aesthetic and practical electrical switch as option

With the integral layout type of electric switch, the operation more convenient.

Cup holder

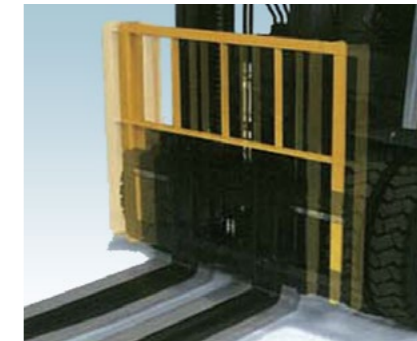
Convenient for keeping cups, pens, and other small items.

OPTIONAL EQUIPMENT



Three-stage mast with four-cylinder mechanism

(available for 2 - 4ton models)
The cylinders are symmetrically located to the left and right for improved forward visibility.



Integral side shifter

The integral side shifter has been improved to deliver maximum load capacity, maximum fork visibility, and smooth, dependable operation.



Humanized OPS system

OPS can set the delay lock time and engine off or on depending on to the customers' requirements.



LPG exclusive/Dual fuel (LPG/gasoline) package



Pre-cleaner engine air intake



Overhead exhaust system



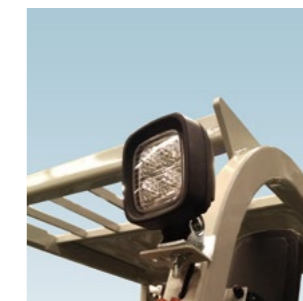
Front double tires



Rotating warning light



Rear working light



LED lights



Head light guard



Rear Camera



Spherical rear mirror



Rear grab handle with horn switch

TEU offers personalized customized solutions, various optional items and attachments for customers. For more details please contact us.

DIMENSIONS

Model	FD/FG20	FD/FG25	FD/FG30	FD/FG35	FD/FG40
	mm	mm	mm	mm	mm
1 Overall height fork raised(with backrest)	4030	4030	4250	4250	4250
2 Max. lifting height	3000	3000	3000	3000	3000
3 Mast height(fork lowered)	1995	1995	2075	2075	2150
4 Backrest height	1010	1010	1220	1220	1220
5 Free lift	160	160	150	150	150
6 Fork thickness	40	40	45	50	50
7 Ground clearance at lowest point(mast)	110	110	120	120	120
8 Overall length(with fork)	3530	3600	3775	3830	3940
9 Overall length(without fork)	2460	2530	2705	2760	2870
10 Fork length	1070	1070	1070	1070	1070
11 Fork front face to front axle	450	450	480	485	485
12 Wheel base	1600	1600	1700	1700	1800
13 Rear overhang	410	480	525	575	585
14 Traction pin center height	560	560	580	580	585
15 Height to head guard(from seat)	1040	1040	1040	1040	1040
16 Height of head guard	2120	2120	2140	2140	2140
17 Total width	1150	1150	1225	1285	1365
18 Fork spread(outside)	245 - 1020	245 - 1020	250 - 1090	250 - 1190	250 - 1190
19 Front track	970	970	1000	1060	1120
20 Rear track	970	970	970	970	970
21 Fork width	122	122	125	125	150
22 Turning radius(inside)	160	160	200	200	200
23 Turning radius(outside)	2170	2240	2445	2495	2530
24 Right angle turning aisle	1920	2010	2155	2205	2450
25 Tilt angle (mast forward/back ward)	6° - 12°	6° - 12°	6° - 12°	6° - 12°	6° - 12°

