

**TCM**



**ENGINE POWERED FORKLIFT TRUCKS**

**TCM PRO-G TCM PRO-HG**  
**TCM PRO-D TCM PRO-HD**

**3,000-7,000 lbs.**

(Class 5 - Pneumatic Tire Type)

ENGINE POWERED FORKLIFT TRUCKS

# TCM PRO



[3,000 lbs.]

FHG15T3 FHD15T3

[3,500 lbs.]

FHG18T3 FHD18T3



[4,000 lbs.]

FG20T3 FD20T3  
FHG20T3 FHD20T3A

[5,000 lbs.]

FG25T3 FD25T3  
FHG25T3 FHD25T3A

You have never driven a lift truck like this before. After more than 50 years of effort in innovation and continuous improvement in material handling equipment, TCM engineers have designed the ultimate lift truck by combining state-of-the-art features, power to spare, smooth predictable control, stable handling, and legendary TCM reliability and quality second to none. And all of this has but one goal: to deliver the most productive, economical, and reliable lift trucks to fulfill your material handling needs.



[6,000 lbs.]

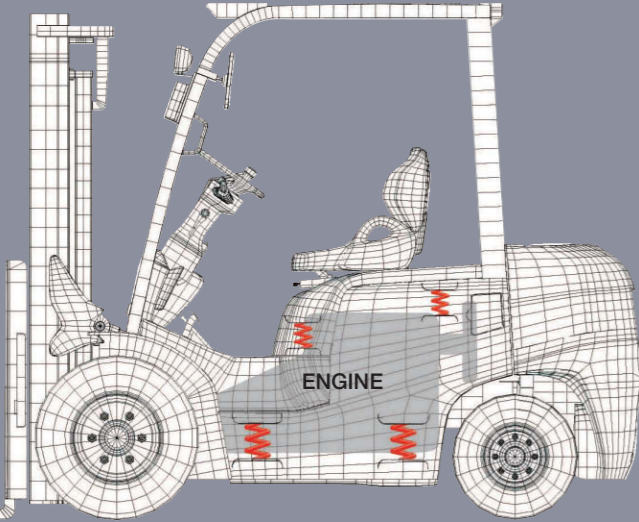
FG30T3 FD30T3  
FHG30T3 FHD30T3A



[7,000 lbs.]

FG35T3S FD35T3S

# E NHANCED 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.



**More convenient parking lever**

The lever is positioned to the right of the steering wheel for easier entry and exit.

A double-action brake release on the lever further improves safety.



**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**

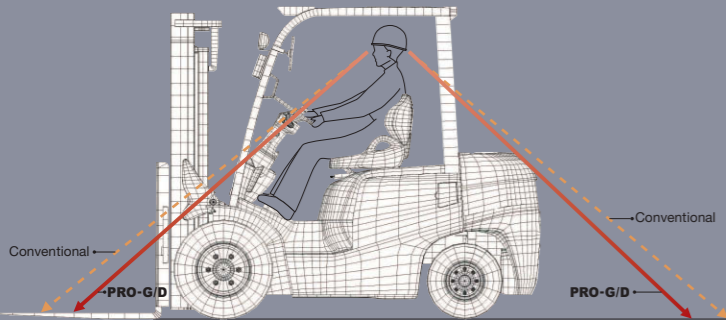
The secure step with enlarged foot space enables greater comfort and less fatigue while entering and exiting the vehicle.



**Multifunctional suspension seat(option)**

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

# SUPERIOR MANEUVERABILITY AND ASSURED SAFETY



## EXCELLENT OPERATOR VISIBILITY

### Wider forward visibility

Clearer visibility of the fork tips—50% improvement over other current models. This achievement was made possible by lowering the dashboard by **3 inches** and the tie bar by **7.5 inches**. A remarkable improvement of the forward view along with quicker recognition of the fork position. An operator-friendly design with assured safety, high efficiency, and relaxing feel.

### Amazing backward visibility

Reshaped counter weight for better rearview sight. The round shape of the rear top end of the counterweight substantially improves visibility for increased safety during backward movement.



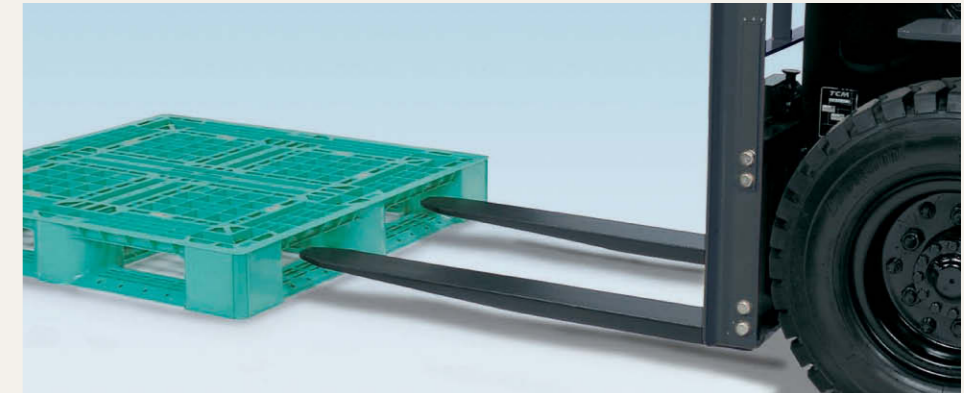
### A new, small-diameter steering wheel is optionally available (photo)

The diameter of the steering wheel has been reduced to less than 12 in., so the operator can control the steering wheel more easily. This provides convenient entry and exit and improves forward visibility.



### Interlock system is standard on all models

The interlock system is a safety device that cuts off the power to the drive and load handling circuits if the operator leaves his seat during operation.



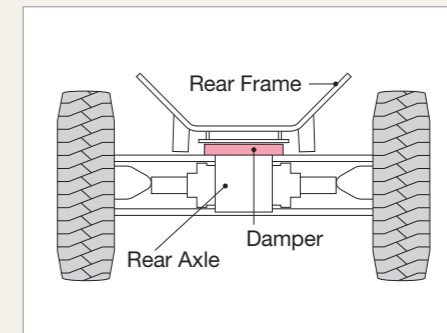
### Innovative fork-landing mechanism (available for wide view two-stage mast)

The fork-lowering speed decelerates at a height of approximately 6 inches above the ground enabling accurate placement of the forks into the load fork pockets or pallet.



### 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.



### Anti-roll mechanism for assured safety during turning (available for 4,000 - 7,000 lb. models)

Warning: This system does not guarantee accident avoidance or prevention of vehicle overturning.



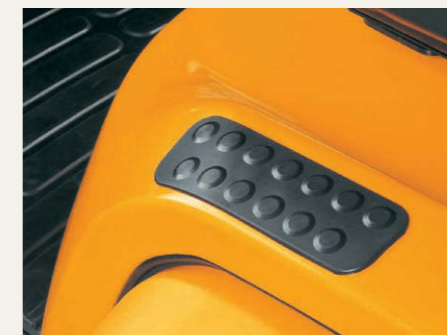
### Neutral safety mechanism

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



### High-mounted rear combination lights

The brake lights are easily visible at the top of the overhead guard. Recessed for protection, they are vibration resistant for long bulb life.



### Anti-slip mat on the hood

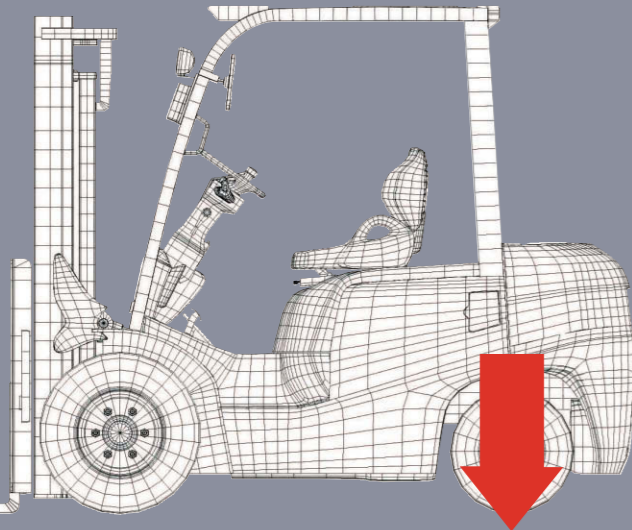
A rubber strip is attached to the hood to prevent slippage while stepping on and off.



### Meter panel with LED indicators

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

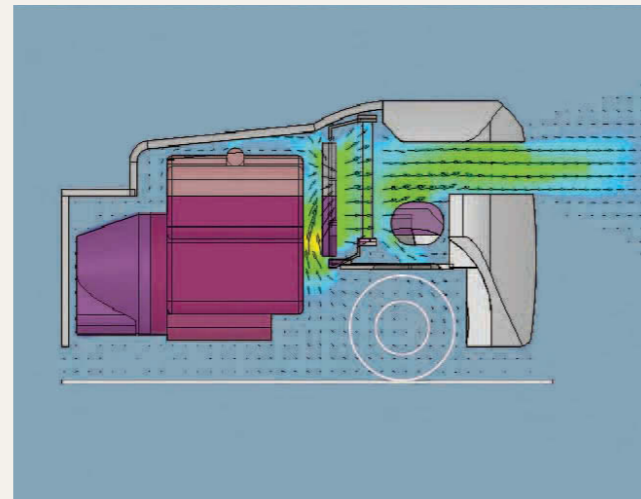
# RUGGEDNESS AND INCREASED DURABILITY



## 5% improved front and rear stability ratio

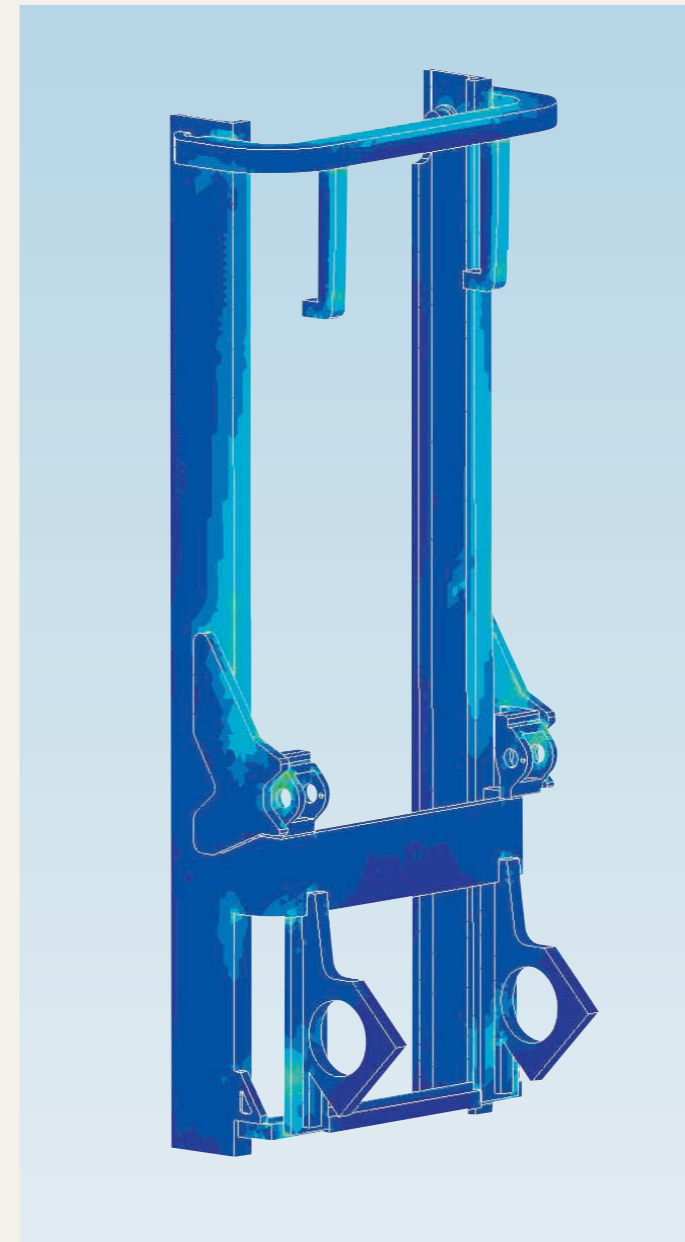
(available for 4,000-7,000 lb. models)

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



## Cooler running through improved airflow

Optimal positioning of the fan, radiator and muffler has reduced the operating coolant temperature. (gasoline models) The operating temperature of the hydraulic oil has been reduced, also by 50°F by upgrading the mechanical components and circuitry.

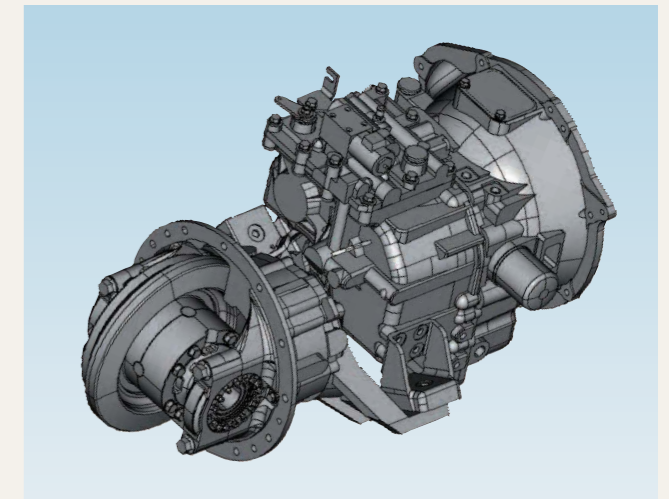


## Sturdier mast

Minimized distortion of the mast by redesigned positioning the mast supports and tilt cylinders. TCM's traditional robust mast was further upgraded by adopting sturdier tie bars, while maintaining a wide range of viewing angles.

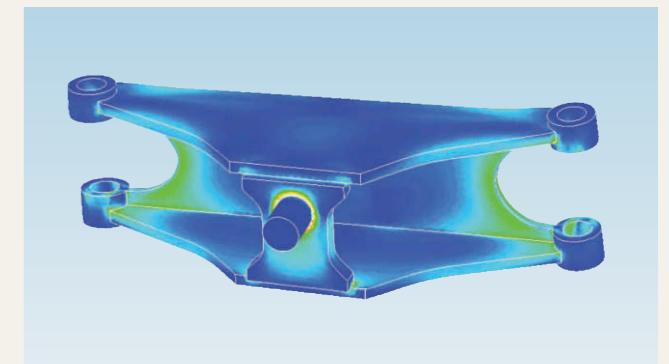
## Improved durability with lubricant filled lift cylinder

Oil filled lift cylinders give improved durability. (available for 4,000-7,000 lb. models)



## TCM transmissions

TCM designed and developed these transmissions for quiet operation and maximum durability, and TCM builds them to insure the highest quality.



## TCM steering axles

Also a new TCM design, the steer axle has been strengthened and improved for durability in demanding applications.



# EASY MAINTENANCE AND ENVIRONMENT FRIENDLINESS



### Cleaner, more efficient engines

A new type of emission control and engine management system delivers excellent power, economy and reliability. The TCM PRO series uses engines which meet the 2010 EPA emission control standards (gasoline engines) or EPA Tier 3 regulations (diesel engines).



### Detachable side covers for convenient inspection and simple maintenance

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

### Integral layout of electrical parts and other system devices

Maintenance inspections can be performed more easily, as electrical parts such as the fuse box, relay, and battery are neatly integrated into a conveniently compact area.



### One-piece floorboard

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



### Portable glove box

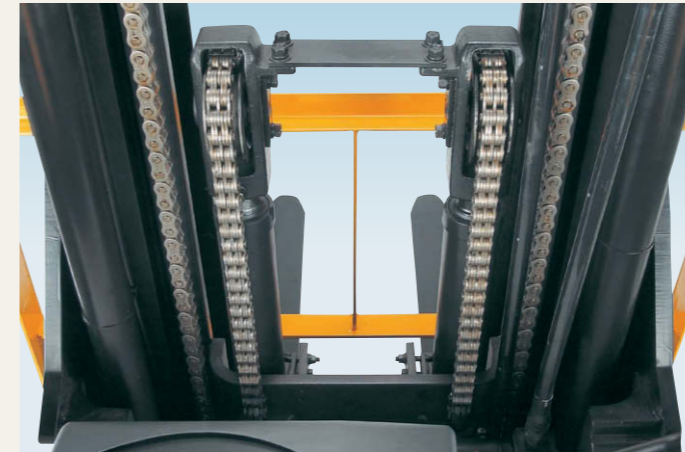
Detachable and portable.



### Cup holder

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

## OPTIONAL EQUIPMENT



### Three-stage mast with four-cylinder mechanism

(available for 4,000-6,000 lb. 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.



### Rear working light



### Overhead exhaust system



### LPG exclusive/Dual fuel (LPG/gasoline) package



### Pre-cleaner engine air intake (gasoline)



### Head light guard



### Air Boss tire

\*As far as the detailed optional information is concerned, please refer to the specification sheets.  
For various types of attachments, please also refer to the "attachment catalogue" which is separately prepared from this sales catalogue.

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- TCM retains the right to change these products and specifications without incurring any obligation related to such changes.
- These products and specifications are subject to change without notice.
- Photos and illustrations may or may not include optional equipment and accessories.
- Features and specifications may vary, depending on the market.
- Performance data and dimensions are nominal and subject to tolerances.



ISO 9001 Certification  
(TCM Shiga Plant)



ISO 14001 Certification  
(TCM Shiga Plant)

Manufactured by

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