

**TCM**



**ACROBA-J**

Succeeding TCM advanced  
forklift truck

**ACROBA** breakthrough  
features and functions,

the more value added

**“ACROBA-J”** Series” models  
are now unveiled !

Super

#### **Pivotal Turns “in the industry top class small radius”**

Turns are made on the center of the front drive axle, which enables to perform pivotal turns, fully utilized in a very narrow aisle.

#### **Newly Redesigned Compact Body**

Nimble and vivid appearance of dynamic J-line, yet compactly equipped with advanced features and functions. The trim front structure ensures clear and wide visibility.

#### **“2 Motors × 2 Controls” Drive System**

Independent and several moves of left and right drive wheels, controlled by computer enable very flexible movements. This substantially improves total operation performance even on the slippery surface work-sites.

#### **Swivel Seat as Standard Equipment**

When traveling backwards, this ensures 50 percent wider rear visibility in a comfortable posture, compared to conventional seats. Operator's fatigue is also largely reduced.

#### **Finger-tips Controlled Cargo Handling Lever**

The finger-touch type lever achieves easier and comfortable operation. What's more, an armrest attached to the seat enhances operating efficiency.

Quality

A close-up, low-angle shot of a car's interior, focusing on the passenger side. The car has a vibrant red upper body and a silver lower body. The text 'ACROBA' is written in white, bold, sans-serif capital letters on the red panel, with a white swoosh underline. Below it, '25J' is written in a similar font. A black leather seat is visible in the background against a blue sky with light clouds.

**ACROBA**  
**25J**

Super

Harmony

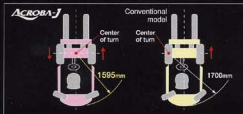
Ideal operating environment, through more powerful, more graceful and improved functional movements

**ACROBA-J** Battery Powered Forklift Trucks

## Pivotal turns and a compact smart of the workspace as well

Smallest in this class **Outside Turning Radius 1595mm** (FA15B-J)

When pivotal turns, the compact body of FA15B-J has achieved less than 1600mm outside turning radius for the first time in Japan among 1.5-ton class battery-powered four wheel counter-balanced type forklift trucks.



**Longer Operating Time – 8.5 hours** per charge

Advanced AC motor with the most efficient controls enables longer operating time in total – 8.5 hours per charge in Economy mode. This model is equipped with three operation modes, depending on power and speed to be needed.

Total operating time per charge (Based on 55% work ratio)	<b>Economy mode</b> 8.5 hours
	<b>Power mode</b> 7.5 hours
	<b>Super mode</b> 6 hours



## body ensure maximum efficient usages as saving operating cost.

### Time saving at maintenance **Battery Drawing Out System**

Battery replacement time is greatly reduced compared with conventional model.

Battery replacement no longer requires hoisting up by a crane, and it can be done easily.



\* Battery stand is optional.

Easy battery inspection and handy electrolyte refilling.

Battery can be easily inspected by simply opening the bonnet. Central electrolyte refilling system ensures easier handling.



### Improved **Reliability** and **Reduced Maintenance Cost**

Newly equipped wet-multiple plate type brakes.

Inboard mounted maintenance-free break system increases operation reliability and efficiency.



Newly adopted AC drive motors.

Substantial maintenance cost savings due to no brushes nor contactors required.



# Super Activity

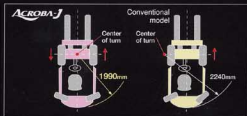
Superb performance on various ground conditions.  
Indeed, very high power and efficient vehicles for many  
fields of material handling.

**ACROBA-J** Engine Powered Forklift Trucks

**Compact bodies, yet very powerful and su**  
**Independent left and right wheel controls "2×2 HST (Hydro**

Smallest in this class **Outside Turning Radius 1990mm** (FA25D-J)

Compact body and pivotal turn ability have contribute to the fine achievement of less than 2000mm outside turning radius for the first time in Japan among 2.5ton class engine-powered four wheel counter-balanced type forklift trucks.



Newly innovated **Powerful Engine**

The environment friendly diesel engine meets European Stage-II emission control requirements (European Export models).

A compact body equipped with powerful engine ensures superb performance.



- \*Displacement **3.318 lit**
- \*Rated output **47.8kW (65PS) / 2500r.p.m.**
- \*max. torque **211N·m (21.5kgf·m) / 1800r.p.m.**



perb performance in cramped workplace.  
 (atic Drive System) ” substantially improves travel efficiency.

Equipped with **2-HST pumps × 2-HST motors** drive system

- Right and left drive wheels controlled independently(Right-and-left reverse rotation) enables to perform pivotal turns which pivots on the center of the front drive axle.
- Easier start up and traveling even on the wet and slippery surface work-sites.
- Lower noise as well as lesser vibration by separate and independent layout of engine and HST motors.
- Easier and less expensive maintenance by adapting wet-multiple plate type brakes built in HST motors as well as reducing consumable parts in the derive train.

