

**TCM**

# ELECTRIC COUNTERBALANCE FORKLIFT TRUCKS





REDEFINING THE  
CONCEPT OF EFFICIENCY

**TCM**

Especially developed to provide our customers with the most reliable and efficient technology in daily operation, TCM's counterbalanced trucks have been designed to meet the most challenging requirements even in the most demanding environments.



## RELIABLE

Proven technology paired with practical features: TCM stands for a unique mixture of customer-oriented solutions you can count on.



## DURABLE

Harsh conditions can be a challenge. For TCM trucks, it's their natural habitat. 24 hours a day, 7 days a week.



## ECONOMICAL

Balancing economy and environmentally friendly performance in TCM trucks has always been a top priority, facilitating a profitable and energy-efficient deployment of our high-end material handling solutions.

# Peak productivity

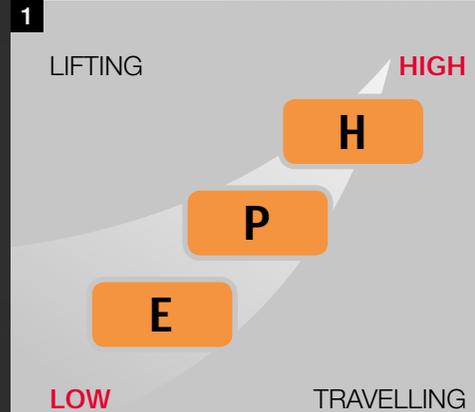
Setting new standards in terms of productivity and efficiency is one thing – getting the power on the tarmac is something else. All models of the FB/FTB series feature an excellent operator's environment, that can be individualised through personal settings, to enable the driver to make use of the opportunities the truck provides.

## 1 | FLEXIBLE WORKING MODE

The truck's performance mode can be selected easily according to the working environment or the operator's preferences.

## LOAD METER

With the optional load indicator, the driver can monitor on screen the weight of the load being carried, thus reducing the risk of accidents due to overloading.



# Maximum uptime

## 3 | DIAGNOSIS MENU

The on-board module is a diagnostics system which integrates self-checks and a dialogue-type function. This allows for easy troubleshooting and less maintenance downtime.



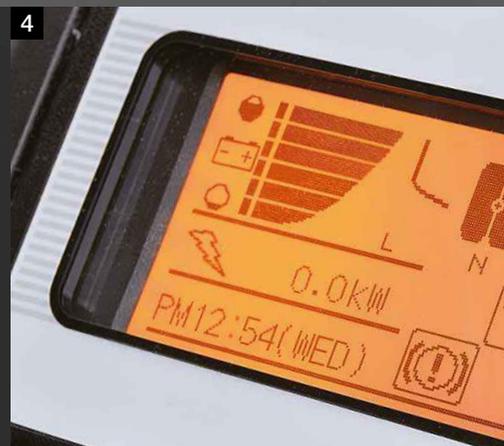
Maximum uptime is crucial for smooth processes in production and logistics. To reduce costly downtime, TCM trucks not only feature robust, powerful technology, they also come equipped with a full range of features that make for low maintenance.

# ECOnomics for a lifetime

Low energy consumption and high performance keep the FB/FTB series running while others are back in the charging bay – and reduce your carbon footprint in the long run.

## 4 | ENERGY MONITOR

Providing energy consumption data in real time, this feature not only helps the driver to achieve the most economical way of driving, it also shows the power consumption rate for every single job. The integrated regenerative system extends operating time by collecting power to recharge the battery when braking.



## 2 | FINGERTIP CONTROL LEVERS

A multitude of functions are conveniently located within the FB/FTB series' integrated armrest. The optional fingertip system uses electro-hydraulic control levers, making travel direction, horn and lift operations simple with just a slight push of the finger.



## AUTO POWER OFF

This standard feature automatically cuts power to the truck when it's not needed. This prevents wasteful power consumption and extends battery life.





## Our electric truck family

The TCM electric counterbalance trucks, FB/FTB (48V) and FHB (80V) series, offer robust quality components combined with industry-leading operator ergonomics and truck performance. The three- and four-wheel FB/FTB series are therefore a perfect fit in the TCM family of high-value counterbalance and warehouse trucks. For capacities from 2.0 tonnes up to 3.0 tonnes, we offer the 80V FHB series – AC TECH.



## FB & FTB 1.25-2.0

Model		FTB13-E1S	FTB15-E1S	FTB15-E1	FTB16-E1L	FTB18-E1	FTB18-E1L	FTB20-E1L
Lift capacity	t	1.25	1.5	1.5	1.6	1.75	1.8	2.0
Load centre	mm	500	500	500	500	500	500	500
Wheelbase	mm	1195	1195	1300	1410	1300	1410	1410
Truck width	mm	1070	1070	1070	1090	1070	1120	1120
Turning radius	mm	1420	1420	1525	1635	1525	1635	1635
Overhead guard height	mm	2110	2110	2110	2110	2110	2110	2110

Model		FTB13-E1S	FTB15-E1S	FTB15-E1	FTB16-E1L	FTB18-E1	FTB18-E1L	FTB20-E1L
Battery capacity (std)*	V/Ah	48/375	48/430	48/460	48/575	48/460	48/750	48/750
Electric motor (driving)	kW x unit	7.1x2	7.1x2	7.1x2	7.1x2	7.1x2	7.1x2	7.1x2
Electric motor (lifting)	kW	14.5	14.5	14.5	14.6	14.5	14.6	14.6

Model		FB 16-E1	FB 18-E1	FB 20-E1
Lift capacity	t	1.6	1.8	2.0
Load centre	mm	500	500	500
Wheelbase	mm	1450	1450	1450
Truck width	mm	1090	1120	1120
Turning radius	mm	1910	1910	1930
Overhead guard height	mm	2110	2110	2110

Model		FB 16-E1	FB 18-E1	FB 20-E1
Battery capacity (std)*	V/Ah	48/575	48/750	48/750
Electric motor (driving)	kW x unit	7.1x2	7.1x2	7.1x2
Electric motor (lifting)	kW	14.6	14.6	14.6

## FHB 2.0-3.0

Model		FHB20-E1	FHB25-E1	FHB25-E1L	FHB30-E1	FHB30H-E1
Lift capacity	t	2.0	2.5	2.5	3.0	3.0
Load centre	mm	500	500	500	500	600
Wheelbase	mm	1515	1515	1660	1660	1660
Truck width	mm	1180	1180	1180	1250	1250
Turning radius	mm	1990	1990	2140	2140	2140
Overhead guard height	mm	2235	2235	2235	2235	2235

Model		FHB20-E1	FHB25-E1	FHB25-E1L	FHB30-E1	FHB30H-E1
Battery capacity (std)*	V/Ah	80/480	80/480	80/600	80/600	80/600
Electric motor (driving)	kW	9.9	9.9	9.9	9.9	9.9
Electric motor (lifting)	kW	14.2	14.2	14.2	14.2	14.2

## Options

### BATTERY ROLL-OUT FEATURE



The optional battery roll-out feature allows easy replacement without a crane. Replacement time is significantly shorter and hoisting the battery unit is unnecessary.

\* Larger battery capacities on request

# TCM

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