

FHB-F1 SERIES

4 Wheel Electric Counterbalance Forklift


EFFICIENCY


COMFORT


SAFETY

TCM
Trusted Partner



TCM
Always Evolving



FHB-F1 SERIES



SAFETY & CONTROL DRIVES CONFIDENCE... CONFIDENCE DRIVES WORK

Rugged TCM build quality, simple, effective design... and the kind of smooth, instinctive control that gets the job done right first time, every time is all underpinned with outstanding safety features.

From the one-spoke steering wheel, sealed wet disc brakes, Integrated Presence System, to the cleverly angled counterweight, every aspect maximises safety and the driver's all-round view of the job in hand. No expensive gimmicks, just great truck design.

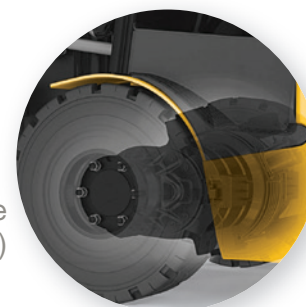
- High residual capacity designed with up to 7m high capacity in mind
- Trucks offer industry-leading capacities and stability of height
- A more compact, cost-effective chassis can be utilised



- Integrated Presence System (IPS2) isolates hydraulic and drive functions when the operator is not present for 2 seconds or longer, increasing safety



- Oil-immersed wet disc brakes are always activated for safety and are only deactivated when operator is seated and the accelerator is pressed
- Brakes are maintenance-free and create no brake dust (ideal for food operations) and even loading outdoors in the rain



RAMP HOLD

- Prevents rollback – even fully loaded on very steep ramps – for safer and faster loading/unloading. Increases operator safety, while improving productivity and reducing product damage



360° VISIBILITY

- Optimised mast, wheel, dashboard and counterweight design maximise visibility to the load, forks, front and rear wheels – giving safe, confident operation in tight spaces



360°
VISIBILITY



LESS
WORKING
ACCIDENTS



IMPROVED
SAFETY



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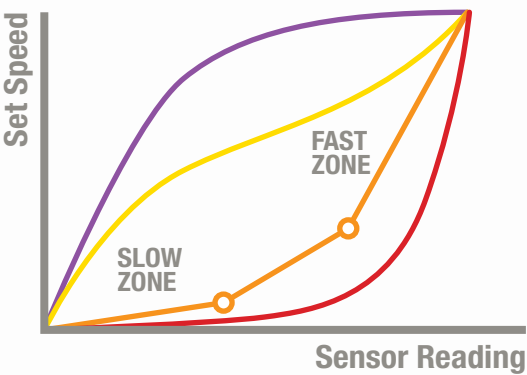
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INDUSTRY LEADING EFFICIENT PERFORMANCE

New innovations targeting low energy consumption, greater productivity and improved safety

- Sensitive Drive System (SDS) responds intuitively to the driver's input – altering the performance characteristics for greater productivity and safety



- Fast response to full speed
- Medium speed response profile
- Slow speed response profile
- Typical controller curve

- Selectable 'Eco' mode for extended shifts (up to 20% longer), new or inexperienced operators
- Use 'Pro' for intensive operations where deadlines need to be met



- Dust and water proof protected components to IP54 level. Specifically designed for indoor/outdoor use, its fully sealed AC motors and key components make it a true indoor/outdoor electric truck



STEERING INTELLIGENCE & AGILITY

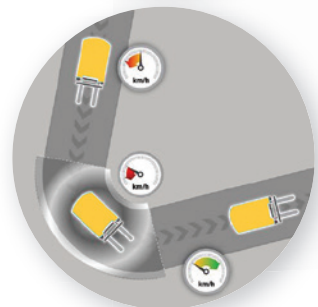
Smooth turns and ultimate control to increase efficiency and safety, reducing tyre wear



- Tight space agility as rear axle steers through a full 100°, with dual drive motors for instant, smooth turning on the spot and no initial 'push'



- Feather touch steering 'on-demand' results in up to 20% energy savings, extending shift capability and increasing productivity



- Intelligent 'Curve Control' automatically adjusts truck speed according to steer angle for increased operator and site safety, improved productivity and reduced tyre wear



- Unique four-wheel steering from a combination of intelligent software and counter rotating drive wheels, offers extreme agility – with no pressure on steer wheels – whilst maintaining industry leading capacities



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COST OF OPERATION

Operators represent a large cost in operations. When it comes to the efficiency of the truck we invest in the operator, making them more comfortable, therefore more efficient

20%

TRUCK

80%

OPERATOR



UNIQUE DESIGN FOCUSSED ON OPERATOR COMFORT & PRODUCTIVITY

- Fully adjustable driving position creates the perfect seat, arm and steering wheel position for each operator's unique needs
- Touch sensitive fingertip controls with natural feeling, spring-loaded response: press gently for finer control
- Perfectly weighted steering with optimal size steering wheel and light but firm feel, for confidence and manoeuvrability at all speeds
- Ergocentric adjustable armrest allows a natural hand position, with easy one-hand adjustment, minimising injury and fatigue
- Optimised position, shape and angle of each pedal feels familiar to use and are easy on the ankles, even in prolonged shifts
- Plenty of storage space for on-board essentials, clipboard and pen, mobile phone, drinks bottle



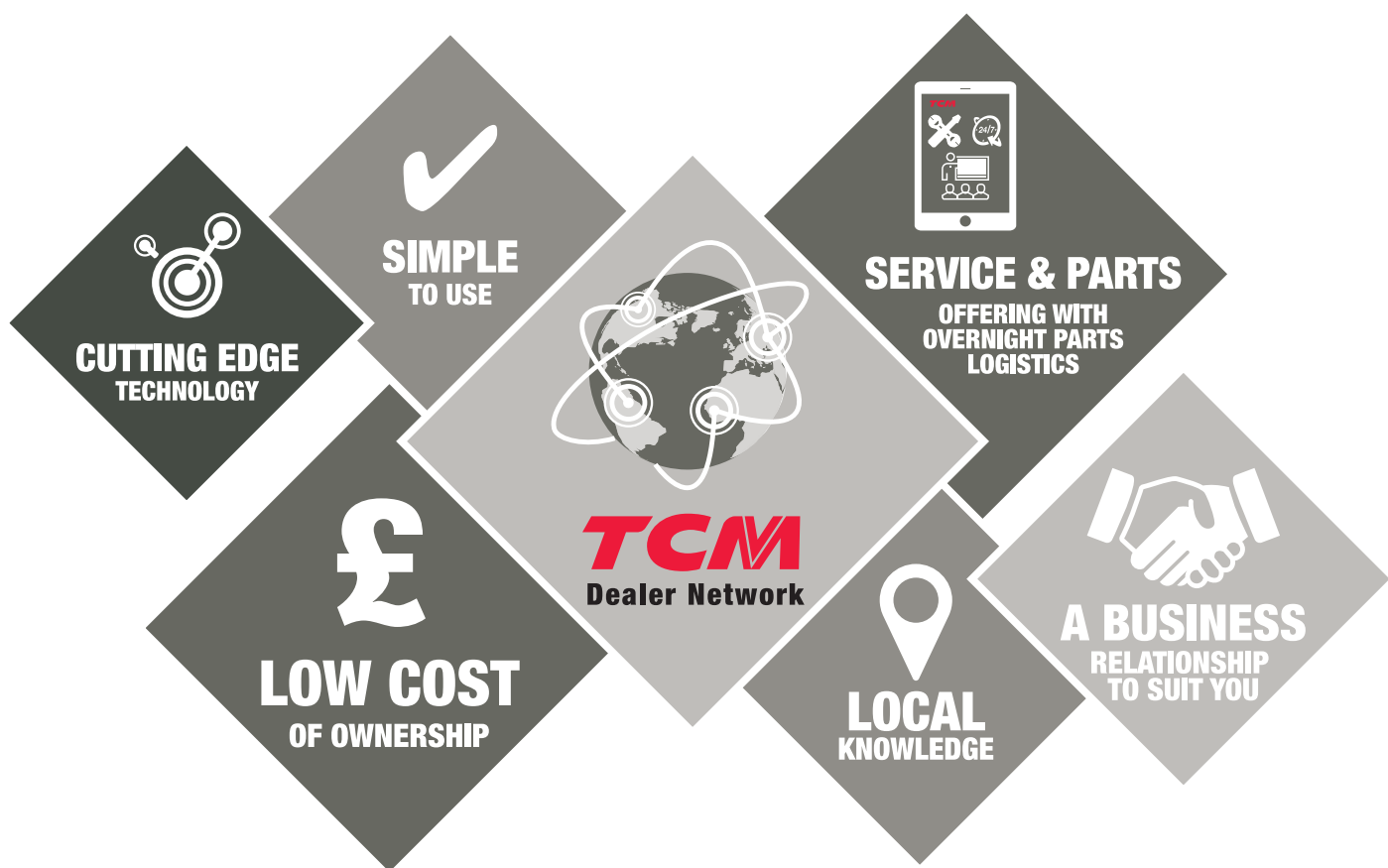
EASY ENTRY AND SPACIOUS DESIGN

- Extra large entry step for safe, no-slip entry and exit – whatever the footwear
- Ergonomic panels and covers encourage smooth and easy cabin entry
- Elongated grab bar helps drivers of all heights
- Wide, open cabin enables quick, ergonomic access and a range of comfortable driving positions
- Exceptionally spacious footwell area for more comfort, and no distractions



CLEAR, INFORMATIVE DISPLAY

- In full colour, is easy to read from all angles and in direct sunlight. Perfectly positioned for at-a-glance reference to operator guidance, without reducing all-round visibility



MODEL	LOAD CAPACITY (KG)	LOAD CENTRE DISTANCE (MM)	OPERATOR TYPE: PEDESTRAIN, (OPERATOR) -STANDING, -SEATED	OVERALL LENGTH (MM)	OVERALL WIDTH (MM)	TURNING CIRCLE RADIUS (MM)	TRAVEL SPEED, WITH/ WITHOUT LOAD (KM/H)
FHB25-F1	2500	500	seated	3459	1190	1920	20 / 20
FHB25-F1L	2500	500	seated	3600	1190	2064	20 / 20
FHB30-F1	3000	500	seated	3487	1190	1920	20 / 20
FHB30-F1L	3000	500	seated	3628	1190	2064	20 / 20
FHB35-F1	3500	500	seated	3628	1190	2064	18 / 18

