

Client: TMHA

Title: Toyota To Launch 8FBN Series Electric Forklifts

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Toyota Material Handling Australia (TMHA) is poised to launch a new range of 1.5 to 3 tonne rated capacity at 500mm load centre four-wheel counter-balance battery electric forklifts.

The new improved energy efficient Toyota 8FBN series forklift meets customer demands for longer operating times between charges, improved safety and environmental performance, reduced operator fatigue, and increased durability and water resistance.

There are five new models, ranging from 1.5 to 3 tonne rated capacity at 500mm load centres, with a choice of masts, hydraulic controls and attachments, as well as numerous optional accessories, a cold storage pack for operating at minus 45 degrees Celsius and a corrosion-protection pack.

TMHA's National Product Manager for Toyota electric forklifts, Jim Lobow, said the new 8FBN forklift range offered improved run times, higher performance for increased productivity, efficiency and safety.

"The 8FBN forklift series has a new AC power system, more efficient motors and controllers, an improved layout of equipment and an all-new pedal-stroke detection regenerative brake system," he said.

"Pedal-stroke regenerative braking allows the new Toyota 8FBN forklift models to improve the efficiency of energy recovery, thereby increasing operating times.

"The regenerative-brake ratio during braking is adjusted according to the percentage of the brake pedal stroke.

"The bottom line from these improvements is an approximate five per cent improvement in operating times over the highly regarded 7FB series models. Mr Lobow said the new 8FBN forklift models offered a range of attractive features for both operator and management in addition to the extended operating times.

"The biggest single advance over the equivalent 7FB series could well be the automatic turn-speed control, he said.

"The new system combines lift-height and load-weight-sensing along with turn-speed control automatically limiting the forklift's speed when turning – according to the state of the vehicle." At high lift heights, vehicle speed, acceleration and deceleration are limited according to load carried –

The combination of the newly designed high-mount rear axle and the new turn speed control helps the forklift achieve more stable turns that match the operating conditions.

“Higher water resistance to IPX4 rating and zero emissions including a design that is free of hexavalent chrome means the new Toyota 8FBN Series will suit a wider range of end users and even challenge some engine truck applications.”

Key options of the new Toyota 8FBN forklift range also include a height selector, joystick controls, a shock sensor and the choice of Roll In- Roll -out or Fork Pockets at the bottom of the battery case for a side-out battery that can be used for multi-shift application.

Features pioneered on the 8-Series internal-combustion machines have been adopted, including lift-height control and sudden acceleration from a standing start prevention control.

The new 8FBN now has “SAS € “with enhanced features of the automatic Turn Speed and Vehicle Speed Control along with the proven features such as the active-mast function controller, now with rear tilt levelling included and the active steering synchroniser to optimise productivity.

For more information on the range of Toyota Material Handling forklifts contact freecall 1800 425 438 or visit www.toyotamaterialhandling.com.au