

ABSTRACT

ELECTROMOTIVE REACH TYPE FORKLIFT TRUCK WITH A TILTABLE BATTERY BED

An electromotive reach type forklift truck is designed to ease the removal of a battery for replacement with a new one. The forklift truck includes a vehicle body having a battery storage room with a lateral access opening, a pair of spaced-apart reach legs extending forwards from the vehicle body and a mast assembly movable back and forth along the reach legs. A battery bed is disposed at the bottom of the battery storage room and has an outer end adjacent the lateral access opening of the battery storage room and an inner end far away from the lateral access opening, the battery bed tiltable between a first position wherein the outer end of the bed remains at a level equal to or higher than the inner end and a second position wherein the outer end of the bed grows lower than the inner end so that the battery has a tendency to move toward the lateral access opening. The tilting movement of the battery bed is caused when the mast assembly moves rearwards along the reach legs.

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