

THIS SHEET HAS BEEN
REPLACED

ABSTRACT

A fork-lift apparatus for use in a stacker crane has a running apparatus for traveling forward and backward and a carriage provided with a fork device and arranged for upward and downward movements by a lift apparatus for the purpose of carrying a load with the fork device to and from a desired rack in a multi-tier automatic warehouse. In particular, the carriage has at its lower region a swivel means, a swivel frame driven by the swivel means for rotating movement, and a ram fork provided in the swivel frame as driven by a drive means for movement.

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