

MARWEL Conveyors™

sales@marwel.com
www.marwel.com
Registered in England

Small Fork Lift Truck

Marshall Welded Steel Ltd
Tel: +44(0)121 552 4418
Fax +44(0)121 552 4018

DUDLEY ROAD EAST - OLDBURY – WEST MIDLANDS – B69 3EB

Marwel have designs of special purpose small stackers engineered to meet the Customer's requirements.

GENERAL DESCRIPTION

The stacker is used for the transportation, handling and stacking of materials stored on pallets and stillages suitable for forklifting.



It is designed to work on flat and smooth floors in a dry environment.

The Marwel range of stackers is designed to reduce physical effort during materials handling and to speed up lifting and stacking processes.

The range covers lift heights from 800mm to 3700mm. Dependant on the lift height of the machine, either a simplex or duplex mast arrangement is used. On either configuration, the outer mast is fixed to the chassis of the truck; with the simplex versions, the fork carriage moves up and down this mast channel. With the duplex mast, an inner section of mast channel moves up and down the fixed section with the fork carriage running in this inner channel

The hydraulic cylinder, which is fixed to the outer mast frame, performs lifting. It is fixed to the truck chassis and raises the forks by means of leaf chains running over sheave rollers. Chains are fixed to the outer mast frame, on one end run over pulley, and they are fixed on other end to fork carriage with adjustable anchor bolts.

The truck is fitted with a self-contained power pack. This unit feeds hydraulic oil to the lift cylinder. The power pack and battery are both located in the box enclosure at the front of the stacker. An electromagnetic lowering valve lowers the forks. Both the lift and lower functions are controlled by push buttons mounted on the handle

Movement of the stacker is manual, by pushing or pulling the frame or tiller handle. The tiller handle is connected to the chain linked steer wheels. This steering arrangement gives easy steering even under load.

This particular machine uses a custom power pack running from 110V supply and is designed to be incorporated into a production line.

