

Quikstak

S-series



What is MAGIC-EYE?

Magic-eye was developed and patented by Simpro in 1994 for the original Quikstak. It uses an infra-red sensor to automatically adjust the forks while product is stacked or de-stacked onto a pallet. This allows the operator to build and break down stacks with a minimum of bending, stretching or lifting—increasing productivity, while reducing the risk of musculoskeletal injury.



Adjusting the sensor

The magic-eye system features an infra-red object detection sensor, fitted onto an articulated arm with powerful shape memory. By adjusting the arm, the operator can intuitively direct the infra-red sensor in any direction, at any height, to suit the task at hand. The sensor has a detection range of about 30cm.



AUTO-LOWER mode

Press DOWN on the selector switch to enable auto-lower mode. Once activated, the forks will AUTOMATICALLY lower as soon as an object is detected within 30cm of the magic-eye sensor.

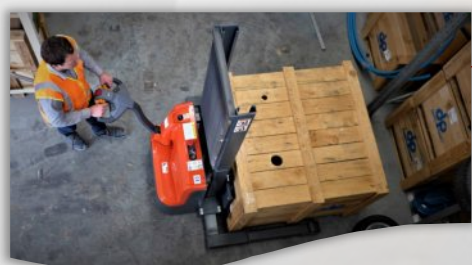
Auto-lower mode is used for stacking layers of product onto a pallet. (To ensure safety, the forks will not descend below 100mm.)



AUTO-RAISE mode

Press UP on the selector switch to enable auto-raise mode. Once activated, the forks will AUTOMATICALLY raise as soon as there is no object detected within 30cm of the magic-eye sensor.

Auto-raise mode is normally used for removing layers of product from a pallet, for instance into a processing line or conveyor.



DISABLED mode

The central setting on the selector switch disables the magic-eye, allowing the Quikstak to be used as a regular 'walkie' pallet stacker—ideal for logistics, dispatch, and a hundred other uses.

The magic-eye arm simply folds out of the way.

MAGIC-EYE: the Quikstak[®] sensor arm that takes the bending and lifting out of stacking pallets



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