

A M Phillip Agritech

Box Rotator

Instruction Manual



Simple

Robust

180° Rotation

Designed and Manufactured by

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The A M Phillip Box Rotator is of a simple design utilising at its heart a commercial trailer wheel hub to give an extremely strong central pivot for the Rotator axis.

The hub runs on taper bearings so that the rotation shaft can be adjusted to take up any slack which may occur over time.

Centralised into a strong, fabricated, back plate that can be fitted with the hooks or brackets suitable to connect it to your Fork Lift or Telescopic Handler. The robust section is designed to give many years of trouble free working life.

The rotation carrier can be fitted with 2 pallet forks or 4 KV type tines to support the box. Two adjusting tines are fitted to one side and over the top to support the box during rotation process and should be adjusted to allow the Box Rotator to slide easily around the box with ease and the minimum of clearance.

The rotating linkage is designed to give a full 180° rotation. Powered by the hydraulics from the Fork Lift or Handler, with one double acting ram, which can control the full 180° rotation in both directions from horizontal to completely upside down and back, making sure that all the box is emptied of crop from any ledges or obstructions within the box structure thus reducing the risk of waste and disease contaminating any following crops.



The Box Rotator can quickly be attached and removed from the handler using the specific hooks for your handlers carriage.

These can be fitted during manufacture. Care should be taken when attaching to the carriage ensuring that it is fully engaged and locked so that the Box Rotator cannot be dropped during the rotating operation.

The Box Rotator is designed for the lifting of vegetable crop boxes up to 1.25 tonnes.

