

Roll Handling - Hinged Vertical Spindle Attachment with Manual Rotation

The hinged vertical spindle attachment was designed in response to a customer enquiry in the food industry to handle rolls of film and foil in a clean room environment.

The packaging machines are located in confined spaces with restricted access to the rolls and load point mandrels.

The bespoke vertical spindle features a hinged mechanism to allow easy access and sideways loading onto the processing machinery in a narrow space. The hinged attachment enables the vertical spindle with the roll to turn to the left-hand or right-hand side, rather than the machine itself.

The manual hinged mechanical device allows the attachment to index from left to right allowing the operator to easily rotate the attachment 90 degrees to either side for loading onto the packaging machinery. During transportation, the vertical spindle is held centrally in position by means of a pin stop release mechanism.

This lifting solution offers manual rotation and manual gripping mechanism with electric lift and lower functions.

Ergonomically placed handles on the vertical spindle attachment facilitate easy operator rotation of the reel to and from the vertical to horizontal orientations.

A handwheel provides the reel gripping and release action. The reels are securely gripped by the core. This mechanism has a torque limiter fitted so that the clamping fingers do not over or under tighten in the core. This enables the operator to lift reels with complete confidence and safety.

This attachment is manufactured from stainless steel which makes it entirely suitable for the food and pharmaceutical industries and other hygienic applications.

Furthermore, it is backed up by a full bespoke design service so ensuring that the right solution can be made to suit most reels.

All Packline attachments are fully interchangeable and can be easily fitted or removed from any model of 'Compac' lifting machine that is fitted with the quick release system.

This attachment is also available with geared rotation.

Due to the hinged attachment mechanism, the maximum lift capacity is 70kg / 154lbs, to ensure stability whilst manoeuvring.

Specifications:

- Vertical Spindle – hinged 90° rotation.
- Manual Rotation (geared rotation option).
- Manual Gripping

