



CASE HISTORY

HANDLE REELS OF PAPER OR PLASTIC FILM



CHALLENGE

The reel has to be picked from vertical position at about 1m height and released unto the machine in horizontal position (release height about 1m).

SOLUTION

A ceiling mounted INDEVA® model Liftronic® with articulated arm, complete with gripping tooling by vacuum. The tooling features two lines of vacuum cups mounted on a frame with adjustable width to suit reels of different diameter. The tooling can be exchanged with a mechanical chuck that grips reels from the outside.

The INDEVA® allows intuitive handling of reels of different weights. No adjustments when weight changes; the rope system allows for flexible movements, being electronic it is much more compact than pneumatic systems and allows for greater visibility.



CHALLENGE

The reel has to be picked in horizontal position from the machine, then rotated by 90° and placed onto a pallet up to 2300 mm height, in vertical position.

SOLUTION

An INDEVA® model Liftronic®, complete with gripping tooling by powered expanding chuck; the **reel rotation is activated by means of buttons controlling an electric device**. The handles length is expandable by means of an actuator in order to allow reel release up to 2300 mm height.



CHALLENGE

The reel has to be picked from a trolley 150 mm high in vertical position, then rotated by 90° and placed onto the machine pin at 1575 mm height.

SOLUTION

An INDEVA® model Liftronic®, rail mounted with a rigid arm, complete with **orbital head and gripping tool with expanding chuck that grips the reels from its core.**

The INDEVA® is overhead bridge mounted and allows for more space on the floor for the operator.

