

SAPELEM › COBOTICS › HANDLING › SPOOL

SPOOL MANIPULATOR by CLAMP

PROJECT: Carbon thread spool

The manipulator must grip the spool horizontally by the outer side on a conveyor, to then release it vertically on a preformed cardboard.

CUSTOMER APPLICATION:

Capacity: 10kg
Pace: 180 (cycles/h)
Very breakable surface of the product

ADOPTED SOLUTION:

Horizontal axis grip of the spool on the conveyor
4 fingers clamp with a high friction coefficient
Adjustable tightening pressure
Integration under an R2a multi-articulated arm, range: 4.2m
ELS electric balancer with IP52 protection against carbon dust
0-90° swivelling piloted for a release on a preformed cardboard



SAPELEM is present in every industry and conceives high performance handling systems adapted to every activity.

Whatever the product weight, height, size or material, our engineers and ergonomists will find the solution to handle your products intuitively.

Please feel free to present us your handling projects.

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