



# NONWOVEN ROBOTIZED CELL

neXcell robot FOR  
AUTOMATED MANAGED SOLUTIONS

The neXcell robot unit generally consists of an articulated robot, auxiliary devices and machinery capable of automating a production cycle phase, simplifying the process of feeding and unloading the

production line. Each individual station has been designed to meet customer demands, and feasibility studies were used to program these stations. The use of auxiliary devices, like the neXvision system

increases the flexibility of the system. Operations conducted by an articulated robot involve high-precision, repetitive cycles that help cut production costs and improve quality.

**ANDRTZ**

**ENGINEERED SUCCESS**



# Increased uptime with automated solutions

## BENEFIT FROM THE ROBOTIZED CELL TO OPTIMIZE YOUR PRODUCTION PROCESS

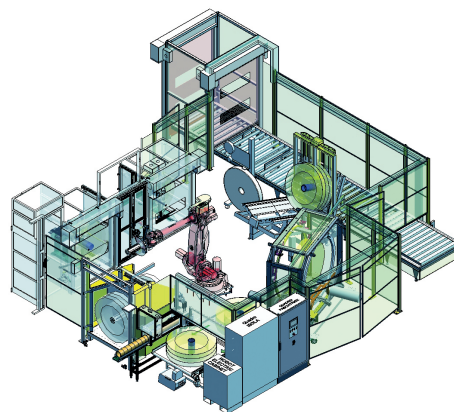
You can integrate it in your new converting line or upgrade your existing line – no matter for which applications the line produces.



Robotized arm

## FEATURES

- Unloading reels from a winding shaft
- Inspection, labeling and winding of unloaded reels
- Palletization of reels
- Loading the empty core (cardboard or plastic) onto the tool fitted to the robot's wrist
- Applying glue to the empty cores
- Loading and positioning empty cores and with a coating of glue on the winding shafts
- Overall production cycle times: depends on the production process (100-160-300 seconds)
- Weight of unloaded reels: approx. 60 kg
- Robot payload: 165 kg



neXcell robot

## YOUR BENEFITS

- Increased productivity thanks to the high speed and high efficiency in moving the reels
- Customized design of the neXcell robot unit
- Optimization of the production processes

## MACHINE SPECIFICATIONS

Installed power	45 kW
Total weight	5,000 kg
Dimensions	Customized according to the needs

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