

VACUUM LIFTER FOR PAPER ROLLS

# Reliability and adaptability



## VACUUM LIFTER FOR PAPER ROLLS

# The right equipment for fully-automated paper handling

Our vacuum lifter will really make a difference to your paper storage. Independent systems and backups help maximize safety. An abundance of smart features, including automatic vacuum detection and collision avoidance, combine with a gentle gripping action to prevent damage to your paper rolls. The lifter easily adapts to a wide variety of fine paper grades and roll sizes.

Konecranes machines are at work everywhere in the paper and forest industry. Our technical expertise and global service network give our customers real life cycle value in durable lifting equipment. A name with a long history that you can trust, Konecranes continues to deliver high quality, cutting-edge technology year after year.

### BENEFITS

- Reduced cycle times
- Collision avoidance
- Intelligent sensors
- Two independent vacuum pumps
- Easy maintenance

#### TWO INDEPENDENT VACUUM PUMPS

A second pump backs up the first and provides extra suction when needed.

#### EASY MAINTENANCE

Hinged electric boxes allow easy access to other components.

#### REDUCED CYCLE TIMES

Immediate load pickup improves your efficiency and productivity.

#### INTELLIGENT SENSORS

Centering pin integrating sensors detect paper roll cores and emergency stops. Additional sensors detect slack rope, and pickup for accurate positioning.

#### VACUUM DETECTION

The lifter calculates the vacuum needed and continuously monitors the vacuum level to ensure a steady lift.

#### AUTOMATIC DIAMETER DETECTION

Fast gripping function for small roll weights and "jumbo roll" handling function for bigger rolls. Deviations from core diameters detected for more precise lifting.

#### COLLISION PREVENTION

Distance sensors in the vacuum lifter bottom and position sensors in the center cone prevent collisions.

#### SOFT TOUCH

Gentle gripping prevents damage to paper rolls while purpose-built bottom seal rings ensure tight contact to more porous roll ends.

