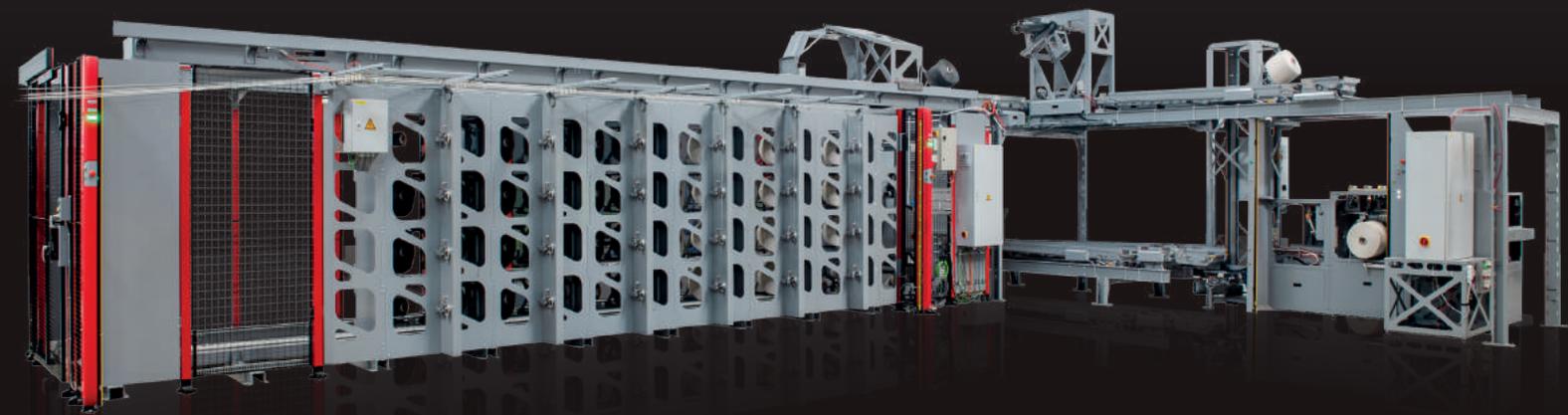


ACS

PATENT GRANTED

AUTOMATED CREELING SOLUTIONS FOR CARPET YARNS



Gilbos

CONVENTIONAL PROCESS

Operator takes package

Operator places package in creel
Operator splices yarn

Heatsetting/Tufting process

Operator removes empty package
> 100 % labor time
> Ergonomic issues

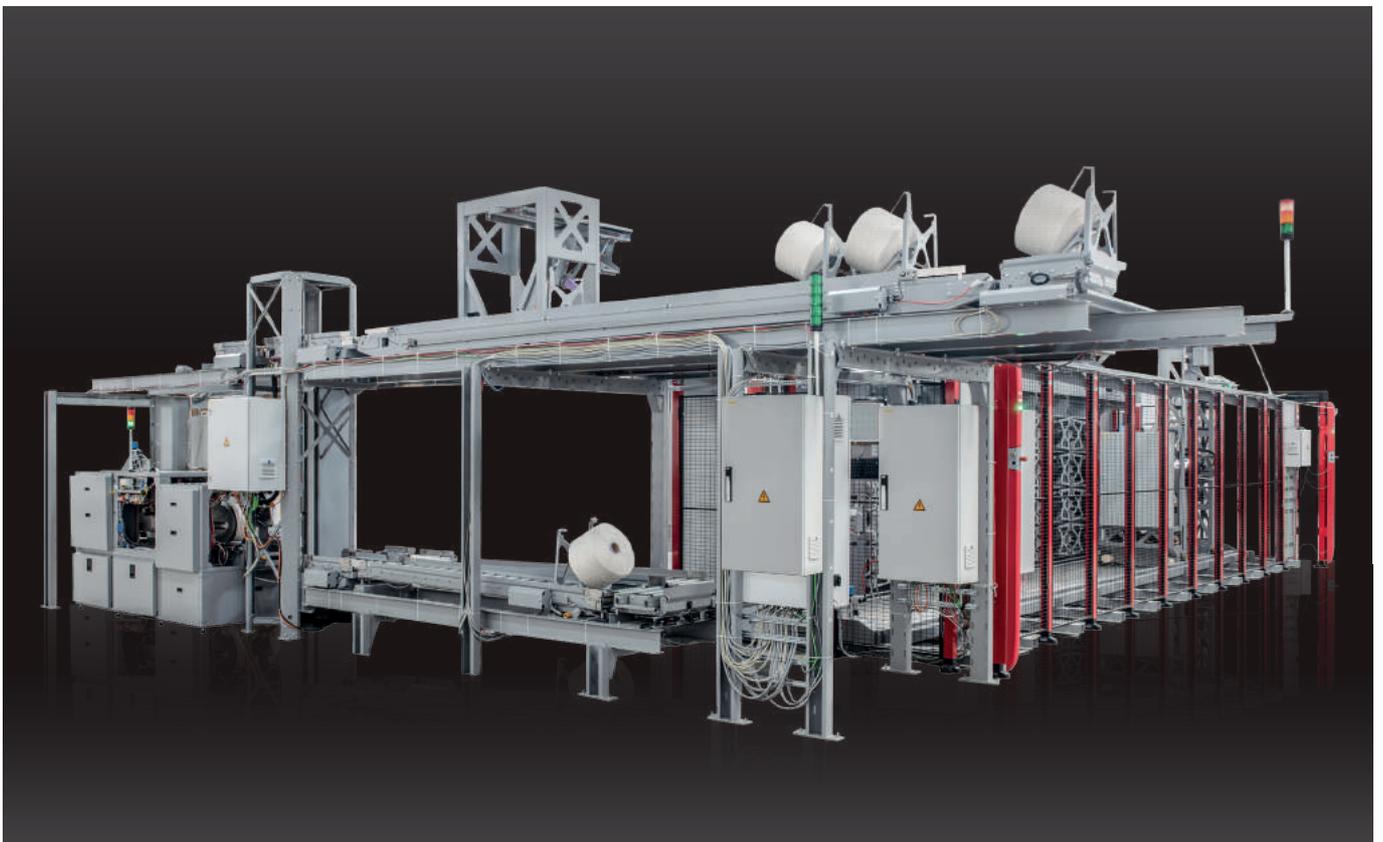
AUTOMATED CREELING SOLUTIONS

ACS takes,
prepares,
places
and splices yarn

Heatsetting/Tufting process

ACS removes empty package
> No labor required
> No ergonomic issues
> Handling packages
up to 400 mm diameter

PAYBACK < 3 YEARS

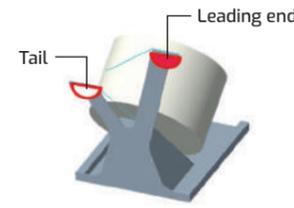


ACS SIMPLIFIES YOUR LOGISTICS

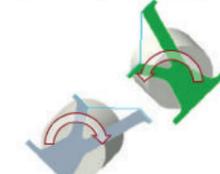
Yarn supply can now be centralized and no longer needs to be spread over the entire plant

PATENTED UNIVERSAL CARRIER

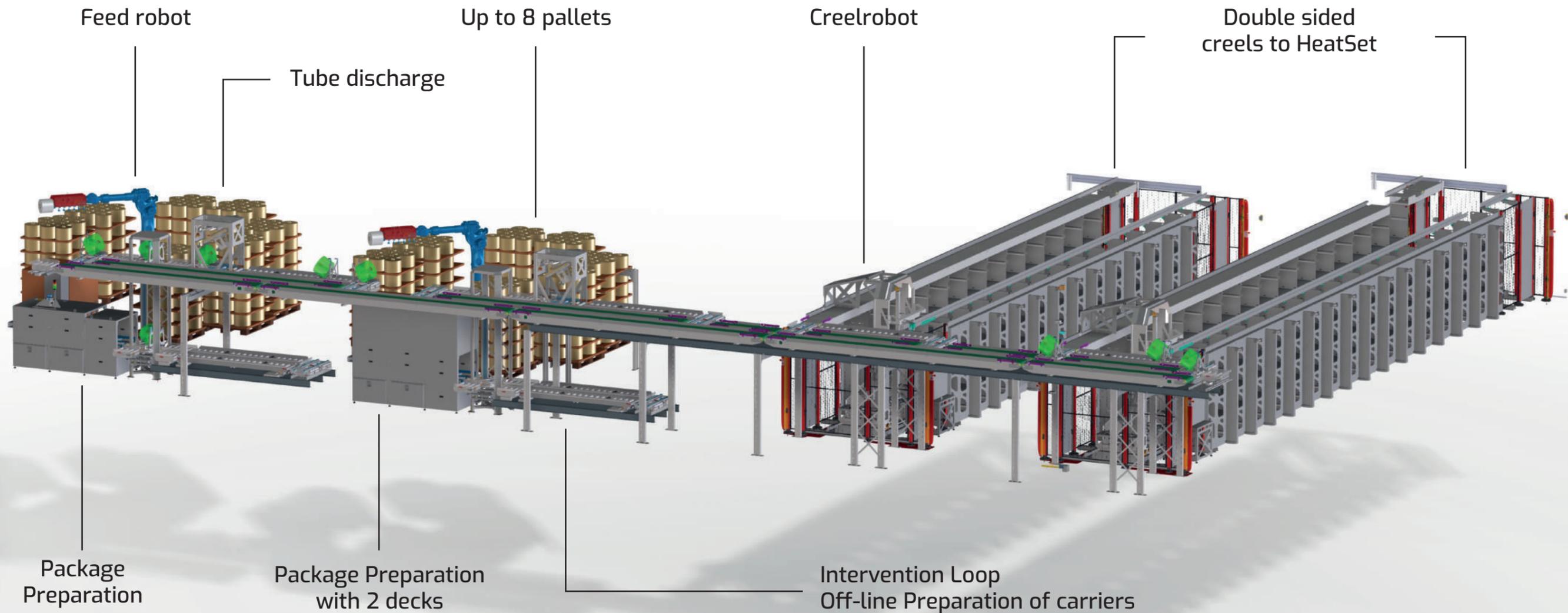
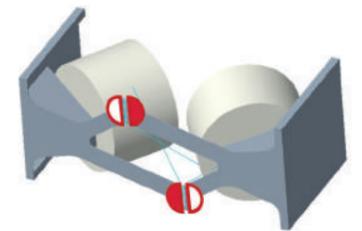
1 / Package on carrier
Preparation



2/ Carrier to creel
Transport

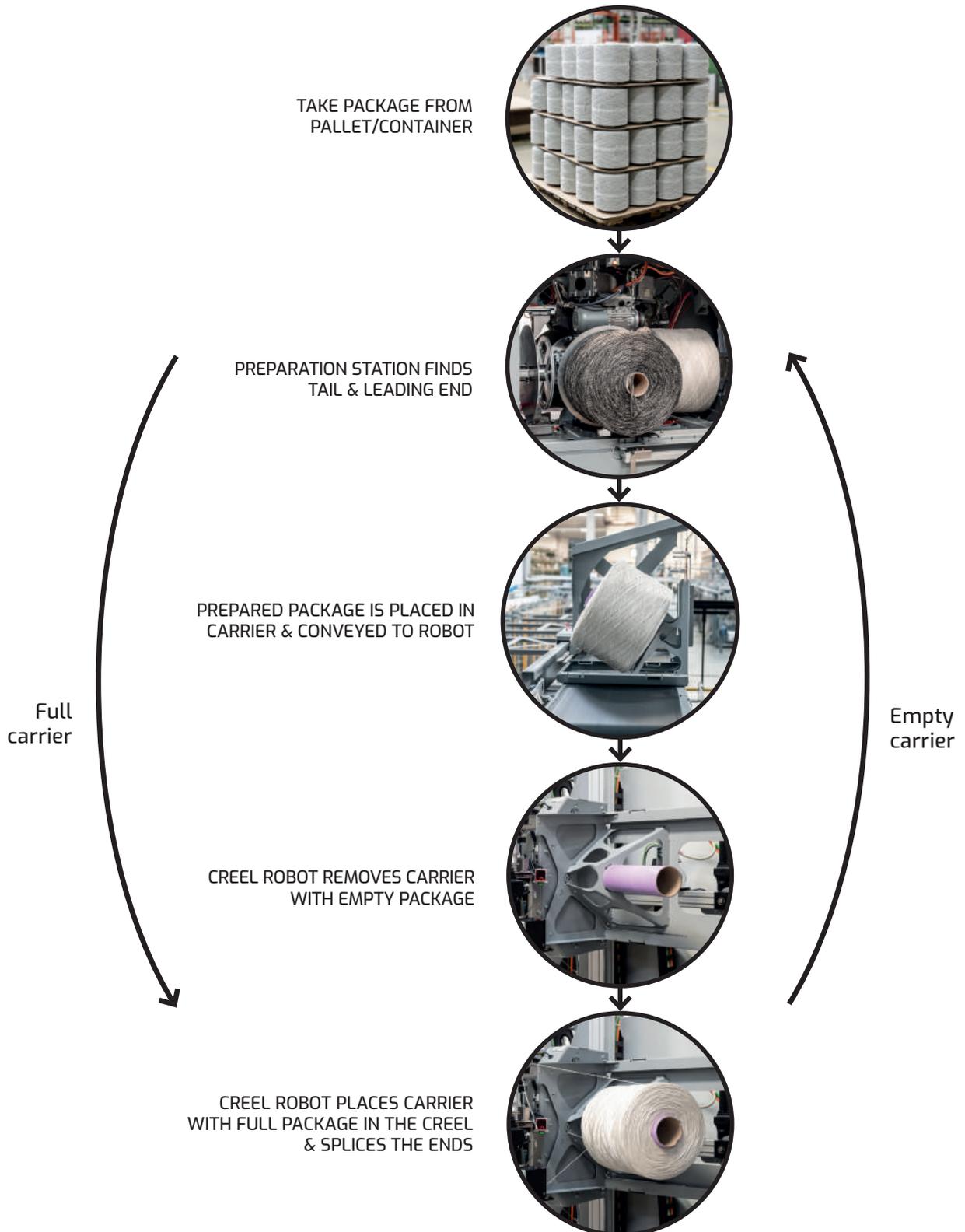


2/ Spliced packages
Creel unit





AUTOMATED CREELING SOLUTIONS



PACKAGES TO HEATSET OR WARPING



TECHNICAL SPECIFICATIONS

Material	PP, PA & PES BCF yarns
Count range	600 to 10.000 dTex or 540 to 9.000 den
Layout	On demand for multiple headset systems of 1 to 6 belts
Number of packages per hour	240 per feed robot
	120 for 1 preparation deck
	240 for 2 preparation decks
	240 per carrier – lift
	120 per creel robot
Air consumption	0.25 Nm ³ /h/Creel Unit
Package dimensions	10" or 12" - up to 400 mm Ø
Package weight	Up to 40 kgs - 80lbs
Electrical supply	3x400V or 3x480V+PE-50 or 60Hz
Compressed air supply	6 to 8 bars or 87 to 116 psi
Compressed air quality	Clean, dry & oil free air
Machine and process control	Hyperion and Orion control system

**GILBOS winding,
processing machines
& package handling**

Rewinding
Assembly winding
AirEntangling
AirTwisting
Heatset winding
Automated package handling

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All technical details, descriptions, illustrations, dimensions and other particulars in this brochure are given in good faith, and can be subject to change without notice.



**YARN WINDING & PROCESSING MACHINES
PACKAGE HANDLING MACHINES**