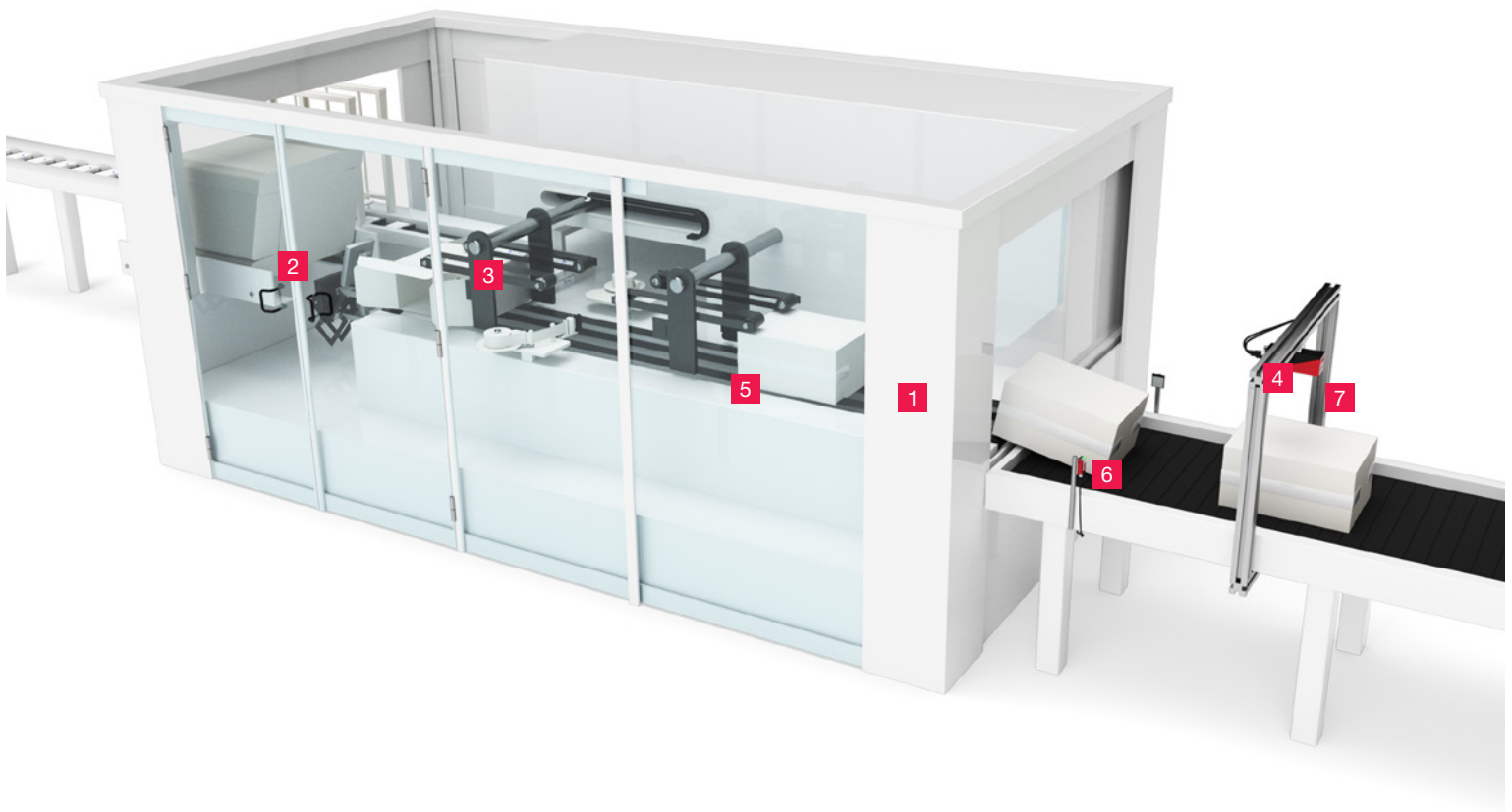


SENSOR SOLUTIONS FOR **SECONDARY PACKAGING**

Boxing clever: These sensor systems ensure that the packaging process always runs smoothly.

The secondary packaging protects the elaborate primary packaging – typically shrink-wrapped packages in the beverages sector and boxes for most other goods. To ensure easy transport and handling, the individual units are grouped into packages. The used sensors must guarantee safe and careful packaging as well as smooth onward transport.

Retro-reflective photoelectric sensors and scanning sensors are usually used for product detection in the infeed zone. Depending on the requirements of the specific application, measuring sensors such as the ODS 9 are used for more complex tasks. Closure checks then guarantee smooth onward transport. The checking of attached bar codes using the DCR 200i ensures reliable identification during subsequent handling operations.



1 Code identification on packaging

DCR 200i

2 Position and presence control of cartons

HT 25C, HT 46C

3 Fill level monitoring

ODS 96B, ultrasonic sensors

4 Closure control of packaging

LRS 36

5 Detection of glossy objects

RKR 3B gloss

6 Single-lane package monitoring

PRK 25C, 55, 8

7 Completeness monitoring on containers

LRS 36