

KEG DE-PALLETIZING & PALLETIZING

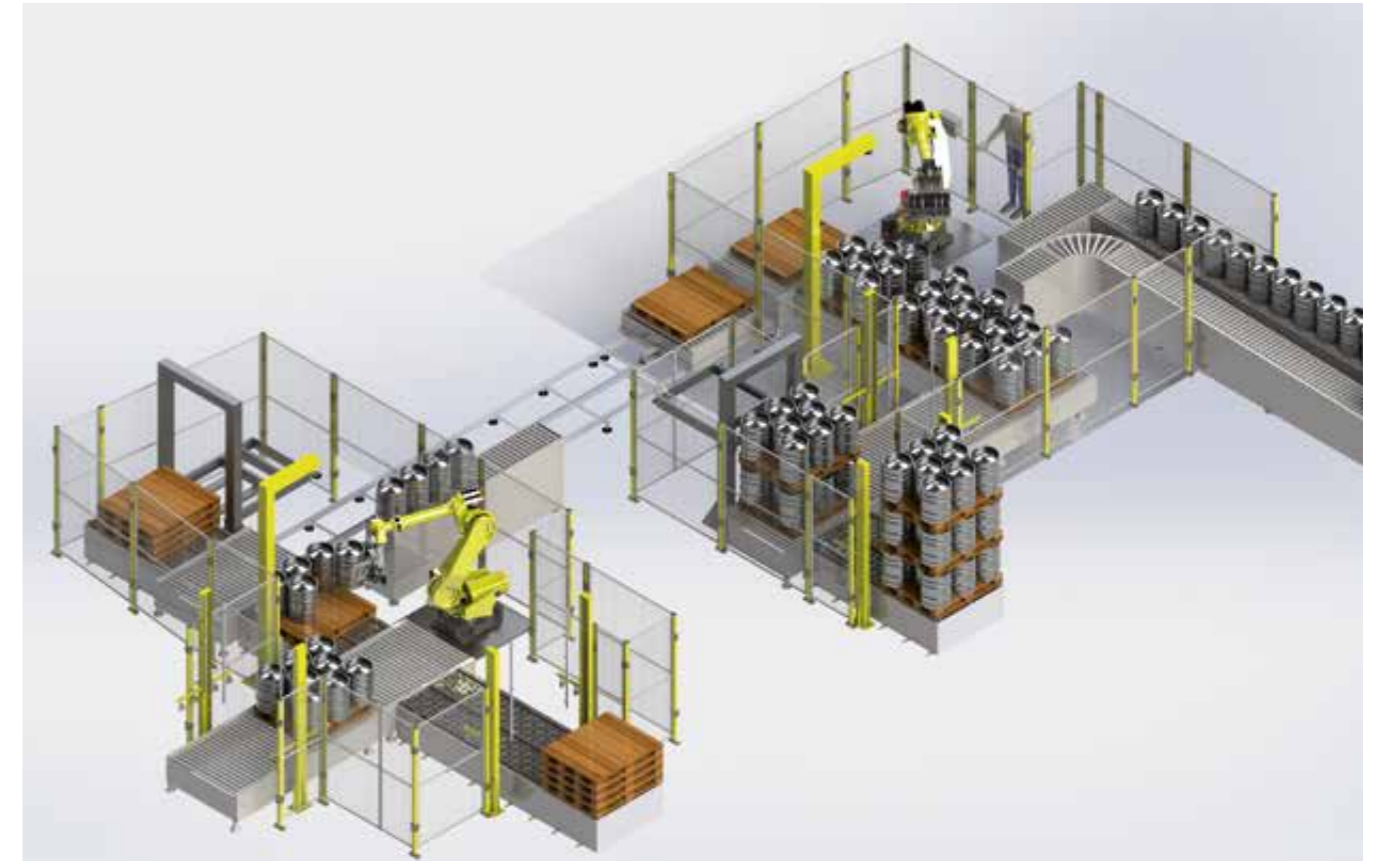
ROBOTIC KEG HANDLING SYSTEM



*Performance
through
Understanding*



ROBOTIC KEG HANDLING SYSTEM



HANDLES ANY AMOUNT OF RANDOMLY PLACED KEGS ON A PALLET

Advantages

- Power fail safe grip
- Very low maintenance and quick changeover grip tooling

Performance

- 98.5% efficiency
- 6 Kegs/minute de-palletizing
- 10 kegs/minute palletizing

Technical characteristics

- 6-axis poly-articulated robot
- Manual format changeovers
- Simple drop-in piece adapts gripper to different Keg formats
- Positive grip and release detection
- User-friendly Human Machine Interface (HMI)

- Vision system detecting randomly placed kegs on a pallet, keg orientation, cap presence, with optional cap removal
- Secured grip of kegs in any condition, dry, wet or frozen or partially dented
- End effector design to handle all keg sizes: 20L, 30L Slim, 30L Large, 50L, 58L ...
- Capability to handle empty and full kegs up to 90kg



Sidel is a leading provider of equipment and services solutions for packaging beverage, food, home and personal care products in PET, can, glass and other materials.

With over 40,000 machines installed in more than 190 countries, we have nearly 170 years of proven experience, with a strong focus on the factory of tomorrow with advanced systems, line engineering and innovation. Our 5,500+ employees worldwide are passionate about providing solutions that fulfil customer needs and boost the **performance** of their lines, products and businesses.

Delivering this level of performance requires that we stay flexible. We continuously ensure we **understand** our customers' changing challenges and commit to meeting their unique performance and sustainability goals. We do this through dialogue and by understanding the needs of their markets, production and value chains. In turn, we apply our solid technical knowledge and smart data analytics to ensure lifetime productivity reaches its full potential.

We call it **Performance through Understanding**.

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