

CERMEX FLEXICASE®

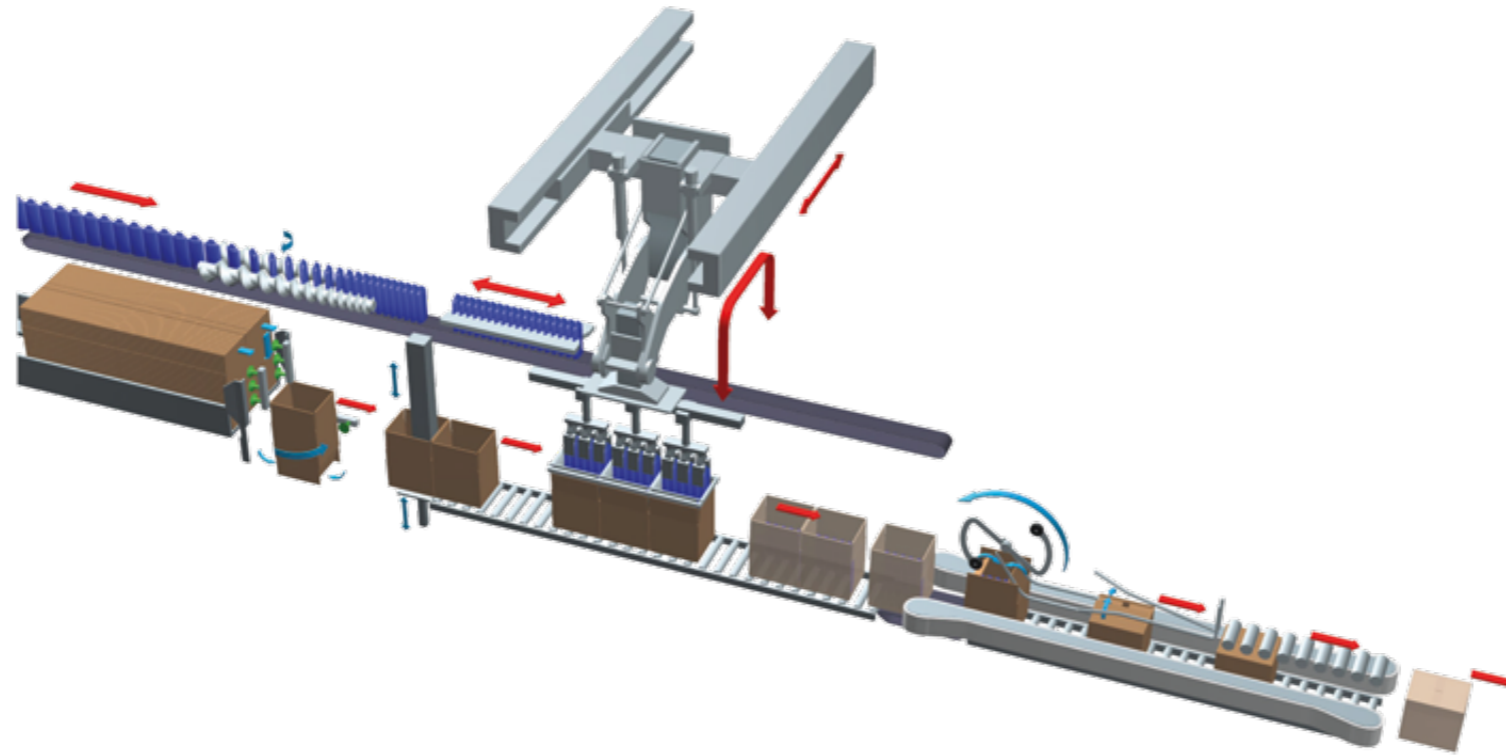
MULTI-FUNCTION TOP LOADING CASE PACKER



*Performance
through
Understanding*



MULTI-FUNCTION TOP LOADING CASE PACKER



A MULTI-FUNCTION TOP LOADING CASE PACKING SOLUTION TO MEET YOUR SPECIFIC REQUIREMENTS:

Technical characteristics

- Case packing solution designed with completely modular mechanical and control system architecture
- Various product handling systems possible depending on the speed and the product, with the choice of sequential (stop & go) or continuous technology
- Compact and positive vertical case forming system
- Sealing of top flaps (using glue or adhesive tape) with case squaring guaranteed
- Solution equipped with 16 servo-motors in total, including 6 for the forming operation and 3 for the sealing operation
- Cantilever structure for walk-in access into the heart of the machine

Advantages

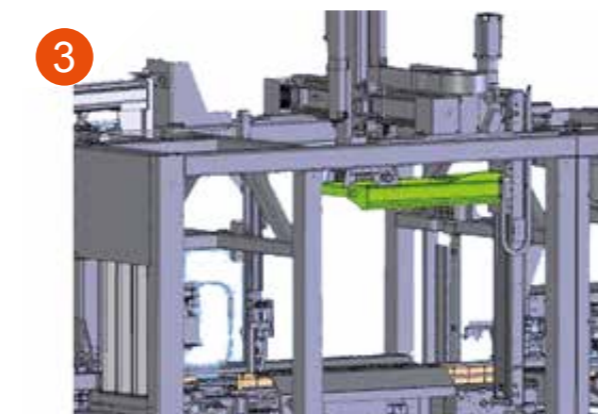
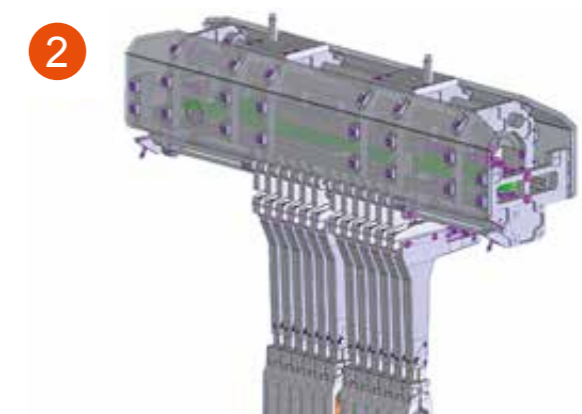
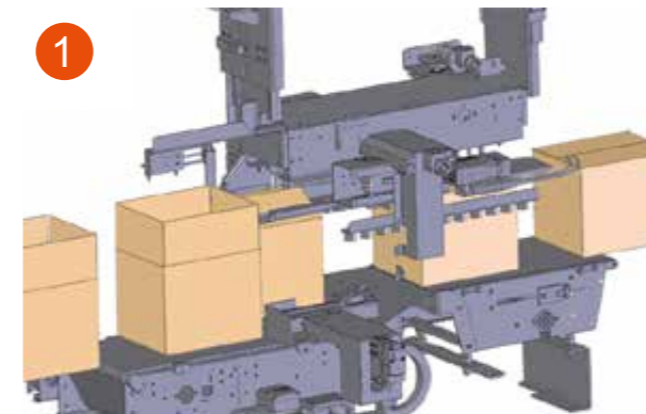
- Case magazine at an ergonomic level of 900mm to facilitate reloading by the operator
- Multi-case loading (usually from 1 to 4 cases) to reduce the loading speed and consequently limit hazards during the critical phases of product gripping, transfer and loading into the packaging
- Precise and smooth product gripping: optional integration of the Cermex AN gantry packer and ER20 Pick & Place arm, or any third party polyarticulated robot
- Structure with completely independent subassemblies to facilitate machine operation and maintenance
- Ergonomic Human/Machine Interface with an input menu per module

Performance

- Automation and control architecture developed in compliance with the OMAC standard (Organization for Machine Automation and Control)
- Payload: from 20kg to 160kg (products and tooling)
- Speed: up to 40 cases per minute depending on the product characteristics
- 2 versions available: small size range for cosmetic bottles and large size range for detergent bottles
- Options: remote maintenance kit, anticorrosion pack, automation of format changeovers, green packs to reduce air and power consumption

New Developments

- New kinematics for the sealing operation, reducing the overall machine length by 1100mm (1)
- Lightweight carbon and aluminum gripping tooling (beehive structure), reducing inertia during Pick & Place movements in order to integrate more compact gripping arms and to lower energy consumption (2)
- Retractable loading funnel for easy access to the cases at the loading station (3)



- Case forming, loading and sealing in a single, very compact unit
- Solution dedicated to the Home and Personal Care markets
- Speeds of up to 40 cases/minute
- Best "speed/footprint/packaging size range" combination on the market



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**.

190401 – The information in this document contains general descriptions of technical options available, which do not always have to be present in each individual case. The required features should therefore be specified in each individual case at the time of closing the contract. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without previous written approval by the Sidel Group. All Sidel Group's intellectual property rights, including copyright, are reserved by the Sidel Group. All other trademarks are the property of their respective owners.

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