



Food & Beverage



STL Line -
A scalable
solution
within our
modular
system

Automation, Industry 4.0, and Smart Factory concepts are increasingly common in the food industry. With our vast experience in diverse industrial automation applications, we are ready to assist you in making the shift to a smart factory.

We recognize the unique food standards and specific requirements of the industry. Our motors meet stringent IP-class (Ingress Protection) and corrosion resistance criteria in line with ECOLAB standards, making them an excellent choice for washdown applications. Their smooth and reliable operation makes them ideal for use in systems such as

conveyors and weighing equipment, where precision and consistent performance are critical. By leveraging our integrated motor control platform, we deliver a solution that is intelligent, secure, and high-performing. The STL Line, featuring stainless steel construction, provides a hygienic option for the entire range of brushless

servo motors. Thanks to a scalable housing design, the length is adjustable, enabling various motor, gearbox, and attachment combinations. The connection is made via a cable gland with the appropriate cabling. Additionally, a sealing concept ensures a seamless connection without any dead space.

All features at a glance



STL (stainless steel) housing



Chemical resistant to aggressive detergent, ECOLAB approved



Protection classes up to IP69K.



Easy to clean



Intelligence integrated into the motor – Can Bus and Ethernet interfaces



Optional lip seal for the shaft



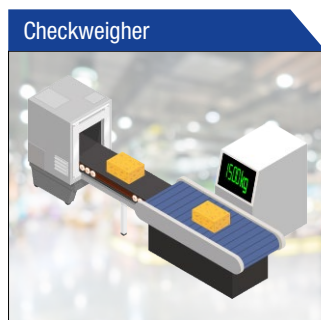
” Better together

- » Discover the ideal solution tailored to your exact needs with our wide product range.
- » Achieve seamless integration of our BLDC motors with built-in electronics through effortless synchronization with popular Industrial Ethernet interfaces like Ethernet/IP, EtherCAT, and PROFINET, boosting both efficiency and performance.
- » Elevate food and beverage operations with our versatile motor options: BLDC and linear motors perform excellently across various industry applications. Choose stainless steel or enhanced protection for durability and hygiene.
- » Optimize your machinery with our smart motors: The integrated electronics simplify installation, reduce cabling, and improve machine efficiency.
- » Enjoy significant energy savings, extended motor life, and reduced noise and heat output.
- » With nexofox, we take your system support to the next level by offering predictive maintenance, condition monitoring, and remote control capabilities for our intelligent motors.

” Our drive Components in use



Dunkermotoren Food & Beverage



Checkweigher



Cutter



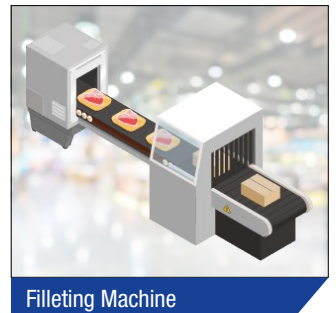
Stretch Blowing



Labelers



Conveyor Systems



Filleting Machine



www.dunkermotoren.com

Dunkermotoren GmbH | Allmendstraße 11 | 79848 Bonndorf · Germany
 Phone: +49 7703 930-0 | E-Mail: info.dunkermotoren@ametec.com