



## Warehouse Automation



One-stop shop – everything you need from a single supplier

**Autonomous vehicles are becoming increasingly important in intralogistics with no limits in sight for drive technology design of logistics solutions. The more intricate the product, the more intricate the components – including the motor solution.**

Dunkermotoren offers a complete package for AGVs / AGCs / AMRs consisting of motor, encoder, controller, and hub gearbox.

Depending on customer requirements, this package is available with integrated or external control solution with common fieldbus interfaces such as PROFINET, EtherCAT, and EtherNet/IP as well as safety functions (STO).

Due to their efficient design, the motor solutions are ideal

for use in battery-powered systems and their robust design allows for operation in harsh environments.

The motor solutions from Dunkermotoren already offer a standard design for almost all challenges in material handling technologies.

### Why we offer the perfect drive solution



Compact motors and hub gearboxes for the smallest installation space



Intelligent, connected and robust drive systems



Safety solutions such as STO directly integrated in the motor



Innovative, energy-efficient DC concepts (IE 5) for battery applications



Designed for a wide temperature range



Long service life



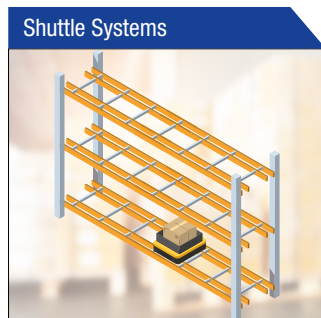
” Better together

- » Modular interface on the motor
- » CANopen, PROFINET, EtherCAT, EtherNet/IP – controlled via digital IO's thanks to the MotorControlPlatform
- » Application consulting
- » IIoT with nexofox
  - » Condition monitoring and remote control for your application
  - » Predictive maintenance for optimized readiness of your production
  - » Support of open standards like Open Industry 4.0 Alliance and Digital Industries World
- » Support of your production with automation solutions by EGS Automation

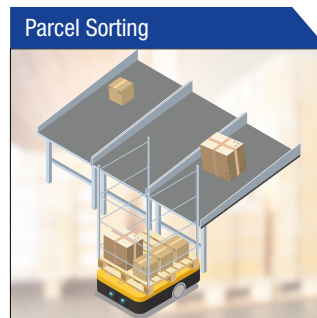
” Our Dive Components in use



YouTube  
Dunkermotoren  
Warehouse  
Automation



Shuttle Systems



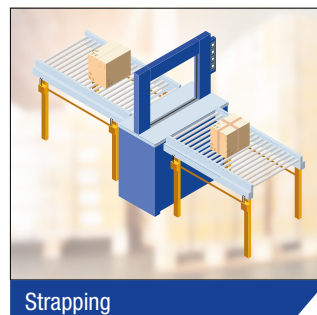
Parcel Sorting



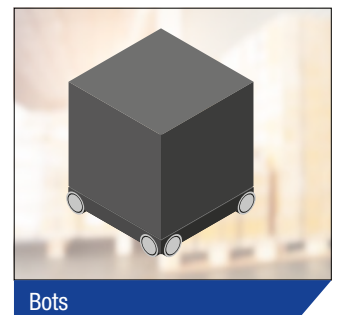
AGVs / AGCs / AMRs



Palletizing Robots



Strapping



Bots