

Modular & Universally Deployable Building Block for Mobile Applications

Advantages

For every application ABM **straight shaft, parallel/hollow shaft and right angle bevel gearboxes** combined with low voltage motors offer optimum systems solutions **for a wide performance range**. Additionally various accessories such as **brakes and sensors** are available.

- Various designs with multiple options
- Compact & energy efficient
- Precise & low noise



Special Features

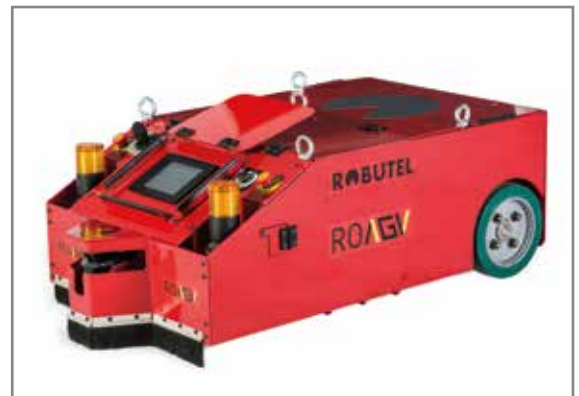
- **Fine design size and output scaling**
- **Motor speed recording** via incremental encoder with up to 64 pulses per revolution
- Temperature monitoring via **PT1000 temperature sensor**

Options

- Designs for **foot- or flange mounting**
- **Reinforced bearings** for increased wheel load
- Electromechanical **holding brake** available with optional manual release
- **External speed sensor** for high precision
- Junction box for protection class **IP67** and **EMC shielding**

Application Examples

- Automated guided vehicles
- Pallet trucks
- Tow motors
- Assembly platforms
- Ground support equipment
- Aerial work platforms
- Auxiliary units



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Flexible combinations based on building blocks



*Straight Shaft
Helical Gearboxes*



*Hollow Shaft/Parallel
Shaft Gearboxes*



*Right Angle
Bevel Gearboxes*



*Low Voltage Motors
with a comprehensive list of Accessories*

Technical Data

	Straight Shaft Helical Geared Drive G-Line	Hollow Shaft/Parallel Shaft Geared Drive FG-Line	Right Angle Bevel Geared Drive KG-Line
Output Torque [Nm]	30 - 2060	50 - 2300	60 - 820
Gear Reduction Ratios	2.55 - 510.07	6.96 - 2022	4.84 - 70.44
Rated Output [kW]	0.09 - 11	0.03 - 7.5	0.09 - 11
Protection Class	Up to IP67		

Contact

ABM Greiffenberger Antriebstechnik GmbH | Postfach 140 | 95614 Marktredwitz / Germany
Phone: +49 9231 67-0 | Fax: +49 9231 67-5145 | emobility@abm-drives.com | www.abm-drives.com