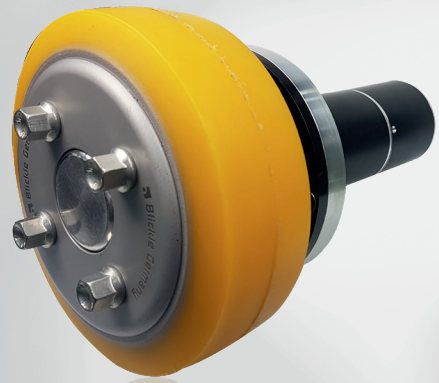




AGVi 637



AGVi 667



AGVi 887



AGV COMPLETE DRIVE SYSTEM

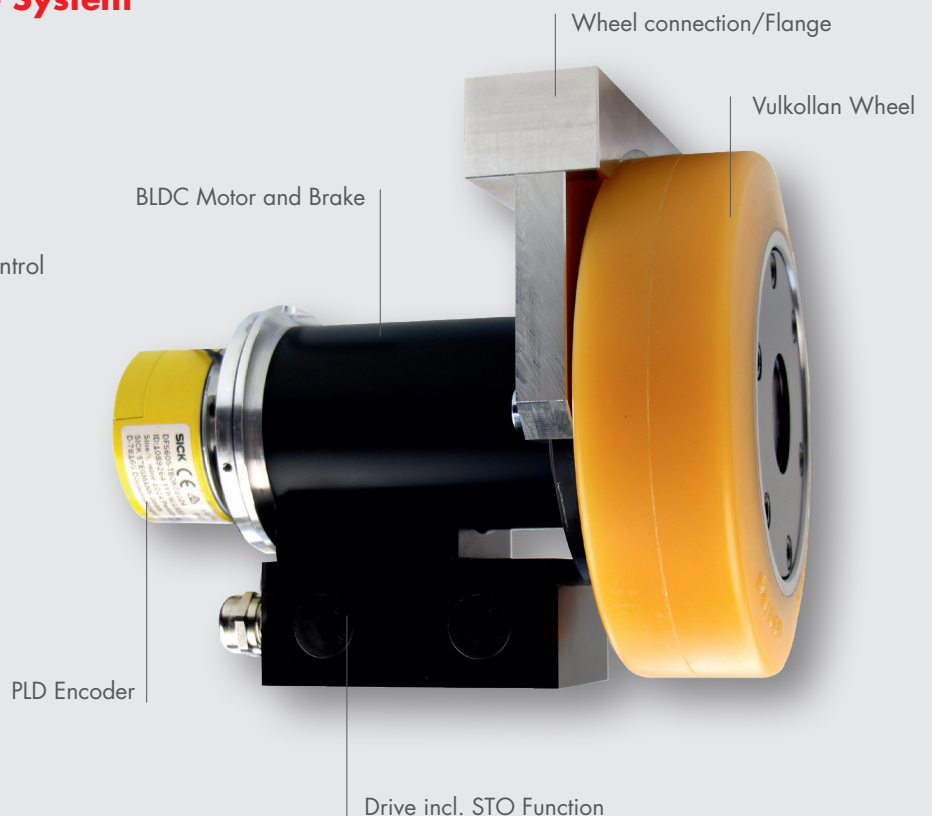
COMPLETE SYSTEMS WITH & WITHOUT INTEGRATED MOTOR CONTROL

...the powerful Gear-Motor Unit up to 750 Watt Power and for carrying loads up to 1000 Kg.



Gefeg Neckar AGV Drive System Advantages:

- **Complete AGV System**
(incl. Motor, compact Gearbox, PLD Encoder, dynm. & hold Brake, Motor Control incl. STO Function)
- AGVi = with integrated Motor Control
- AGVe = external integrated Motor Control
- Powerful BLDC PM-Motor upto 1,5kW maximum power
- Precise and High Efficiency
- Modular Design
- Stainless Steel Design for Hospital or Food Industry



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TECHNICAL DATA GEFEG-NECKAR AGV

Data	AGVi 637	AGVi 667	AGVi 887
Motor Data			
Power Watt	147	205	326
Speed U/min	3900	4000	3600
Torque Nm	0,44	0,55	0,85
Max. Torque Nm	0,88	1,1	1,7
Voltage V DC	24	24	48
Wheel Data			
Speed up to ₁ 160 & ₂ 230mm Ø	₁ 2,0 m/s (7,4 km/h)	₁ 1,5 m/s (5,5 km/h)	₂ 0,9 m/s (3,4 km/h)
Wheel Speed	i : 16 = 244 U/min	i : 22 = 182 U/min	i : 42 = 78 U/min
Torque Nm	5,28	9,0	29,3
Max. Torque Nm	15,9	27,2	87,9
Load Kg / Wheel	250	500	1000

Advantages of AGV (Automated Guided Vehicle) for manufacturing process

- Just-in-Time-Delivery
- Reducing higher staff and operating expense
- Less damages in the goods
- Higher operational efficiencies due to the advanced reliability
- More safety
- flexibility in relation to future adjustments and handling
- More variety of operating and vehicle models

Warehouse application

AGV automatize your internal transport of in/ and out tasks in all kind of warehouse handling like:

- Pallets
- Container
- Shelf
- Boxes

