

**OVER 50 000
UNITS SOLD IN THE
AIRPORT SECTOR**

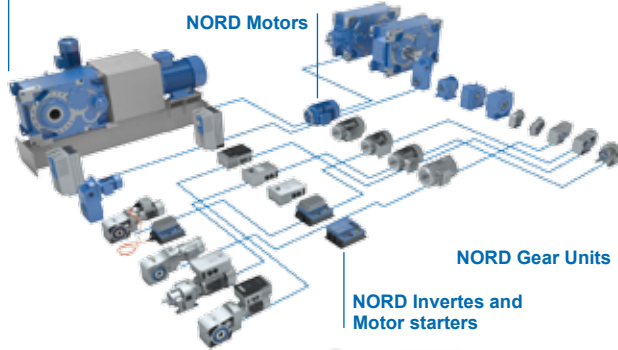


Intelligent Drivesystems | Worldwide Services

LogiDrive

THE IDEAL SOLUTION FOR INTRALOGISTICS AND AIRPORT APPLICATIONS

NORD Drive Solutions



ENERGY-EFFICIENT

- Compliance with the most stringent specified efficiency regulations
- Considerable reduction of TCO
- High efficiency, even in partial load ranges and at low speeds due to PMSM technology

REDUCTION OF VARIANTS

- Standardisation of geared motors for intralogistics and airport demands
- Easy Engineering
- Easy Selection
- Large speed range through inverter technology

SERVICE AND MAINTENANCE FRIENDLY

- Considerable reduction of stock keeping
- Service friendly through plug-and-play technology
- Compact, space-saving design
- 25% weight reduction with "lightweight" aluminium housing
- Replacement of individual drive components possible

GLOBAL PRESENCE

- NORD DRIVESYSTEMS is represented in 94 countries throughout the world.
- Global production, assembly, service and sales network

NORD DRIVESYSTEMS Group

Headquarters and technology centre
in Bargteheide, near Hamburg

Innovative drive solutions
for more than 100 branches of industry

Mechanical products
Parallel, helical, bevel and worm gear drives

Electrical products
IE2/IE3/IE4 motors

Electronic products
centralised and decentralised frequency inverters and motor starters

7 production locations with cutting edge technology
for all drive components

Subsidiaries in 94 countries on 5 continents
provide local stocks, assembly centres,
technical support and customer service

More than 3,600 employees throughout the world
create customised solutions.

www.nord.com/locator

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Members of the NORD DRIVESYSTEMS Group

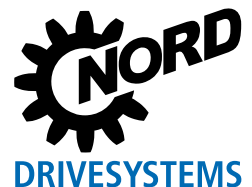


IE4

IES2



**ENERGY EFFICIENT
STANDARDISED
SERVICE FRIENDLY**



THE DRIVE SOLUTION FOR INTRALOGISTICS AND AIRPORTS

LogiDrive



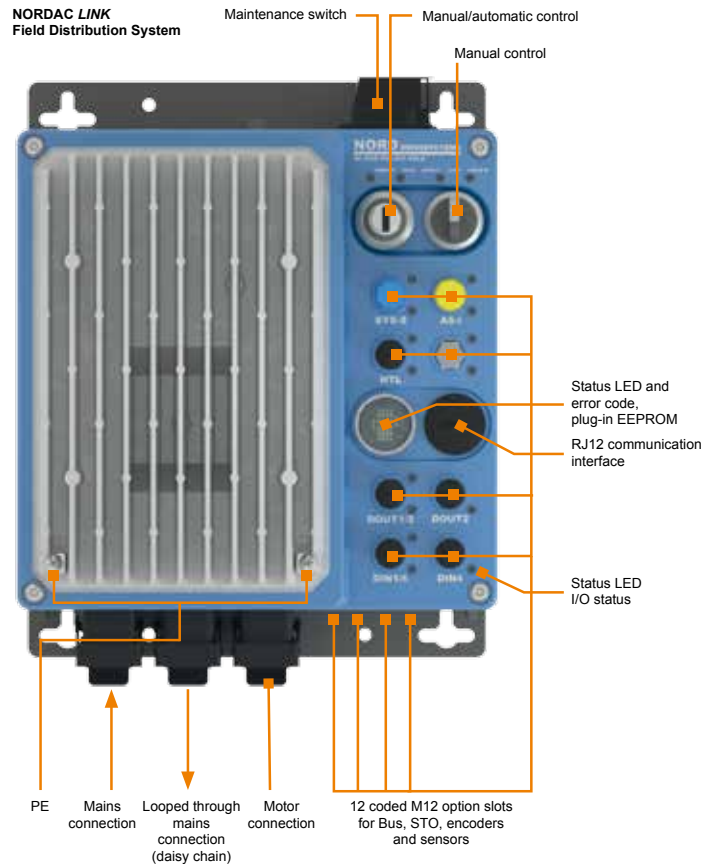
- High-efficiency 2-stage bevel gear unit
- IE4 PMSM synchronous motor
- Power plug connector
- Signal connector
- Incremental encoders
- Pre-assembled cables
- High potential overload capacity

Reduced number of versions with the NORD modular system

Sizes	LDB1100	LDB1500	LDB2200
P	1,1 kW	1,5 kW	2,2 kW
n _{2N}	0 – 565 min ⁻¹	0 – 482 min ⁻¹	0 – 482 min ⁻¹
M _{2N}	20 – 130 Nm	30 – 230 Nm	45 – 260 Nm
Gear units	92372.1A	92672.1A	92672.1A
Motors	80T1/4	90T1/4	90T3/4
Frequency Inverters	NORDAC LINK SK 250E-151-340-A	NORDAC LINK SK 250E-221-340-A	NORDAC LINK SK 250E-301-340-A

Available hollow shaft diameters: Ø 30 mm or Ø 35 mm

With the NORD modular system, the number of versions can be reduced. Fewer variants result in TCO savings for the operator.



The field distributor NORDAC LINK (SK 250E)

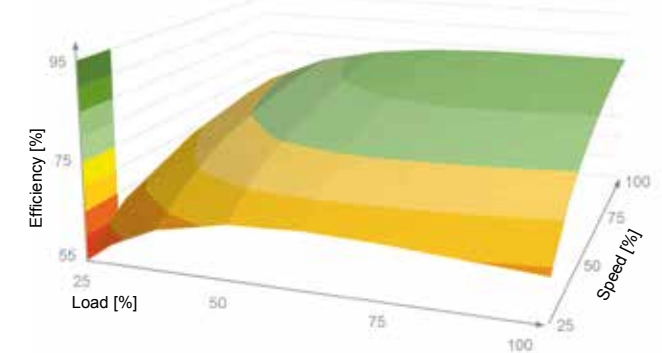
- internal brake resistor
- external 24V DC power supply for the control board. This ensures the same potential for all drive units. The drive units can be accessed via the bus even without the 400V mains voltage, as the control board remains active due to the 24V DC supply
- decentralised installation; motor-mounted or wall mounted, plug in inverter
- Plug-in EEPROM
Data can be transferred if servicing is required.

THE IE4-ANTRIEB ENERGY EFFICIENT

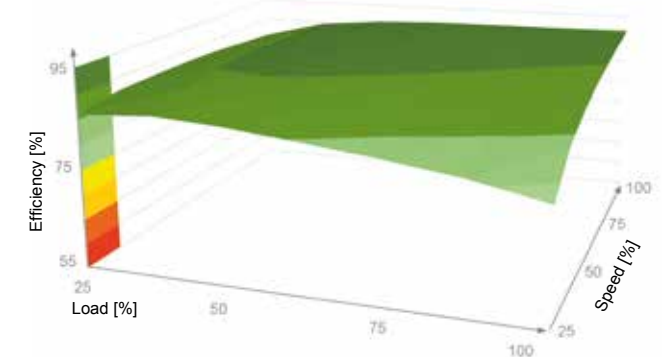
The usage of IE4 synchronous motors minimises overall life cycle costs. The NORD IE4 motor is considerably more efficient and has a shorter pay back period (ROI).



IE3 asynchronous motor



IE4 synchronous motor



3D chart: Efficiency over load and speed