

# INTRALOGISTIC SOLUTIONS FOR END USERS



Energy-efficient drive solutions from NORD offers great potentiality for savings in internal conveyor technology and goods handling in trade and industry.

## LogiDrive



- High efficient 2-stage bevel gear unit
- IE4 PMSM synchronous motor
- Power plug connector
- Incremental encoder
- Pre-assembled cables
- Up to 300% overload capacity possible



## Meet the requirements of the industry

### Realisation of energy savings

- Using high efficient IE4 motors and helical bevel gears

### Reduction of variants by standardization

- Using our substantial experience in the dimensioning of gearmotors and inverter, we are able to reduce the number of variants significantly. This leads to a reduction of spare parts.

### Plug and Play installations

- Installation and replacement within minutes. Using our pluggable system and preset parameters

### Easy maintenance and a global service network

- NORD is based in more than 89 countries with a comprehensive service network. Due to our modular solution, service remains as easy as possible
- Individual and easy replacement by usage of NORD modular system

### Total Cost of Ownership (TCO)

- Maint target the reduction of the TCO through the holistic consideration of capital expenditures (CAPEX) and operational costs (OPEX)

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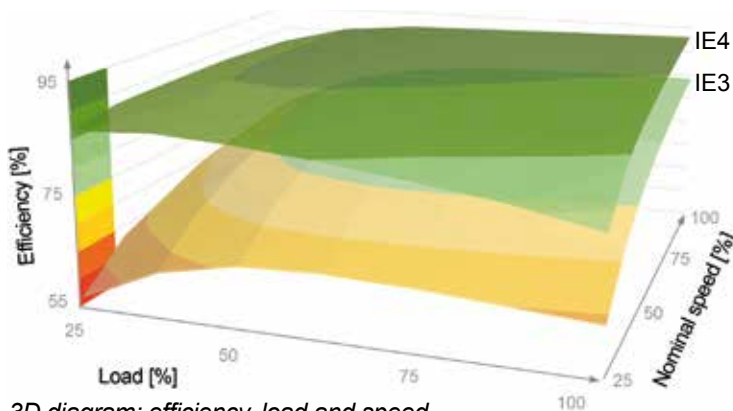


## Realisation of energy savings through super premium efficiency IE4 synchronous motors

- Compliant with the most stringent efficiency regulations
- Considerable TCO reduction



## IE4 permanent magnet synchronous motors



3D diagram: efficiency, load and speed

- IE4 synchronous motors make standardisation reasonable and lead to a higher efficient system
- Even in applications with partial load and partial speed IE4 motors are high efficient



## Helical bevel gear units

- Highest efficient right angle gear
- Space saving
- Fits best into shape
- 25 % less weight
- From 50 to 660 Nm
- 0.12 - 9.2 kW
- Shafts compatible to competitors



## NORDAC LINK

Field distribution system



- Pluggable Power - less wiring - quick / safe commissioning - daisy chaining
- Local control with key switch and manual start/stop switch
- Repair switch for disconnection of mains in service case
- Pluggable sensors / actors onboard
- STO on board (optional, pluggable)
- Status indication for device, bus and I/Os
- Energy saving functions
- Internal braking resistor
- Ethernet-fieldbus modules
- Wall mounting
- Flexible by the selection of needed functions considering the individual need of every customer
- No extra cabinet needed for switches etc.

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