

POWERING DECENTRALISED DRIVE TECHNOLOGY

KEB COMBIDRIVE DX

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KEB COMBIDRIVE DX

DECENTRALISED DRIVE TECHNOLOGY FOR MODULAR MACHINE CONCEPT

Bring drive intelligence exactly where it is needed. Designed exclusively for asynchronous motors, KEB COMBIDRIVE DX installs the frequency inverter directly on the motor or close to it, moving control functions out of the control cabinet and into the machine. The result: less wiring, reduced cabinet space, faster installation, and greater freedom in machine design.

Combining drive control, communication, and essential drive functions in one compact device, KEB COMBIDRIVE DX provides the foundation for efficient, scalable, and future-ready machine concepts.

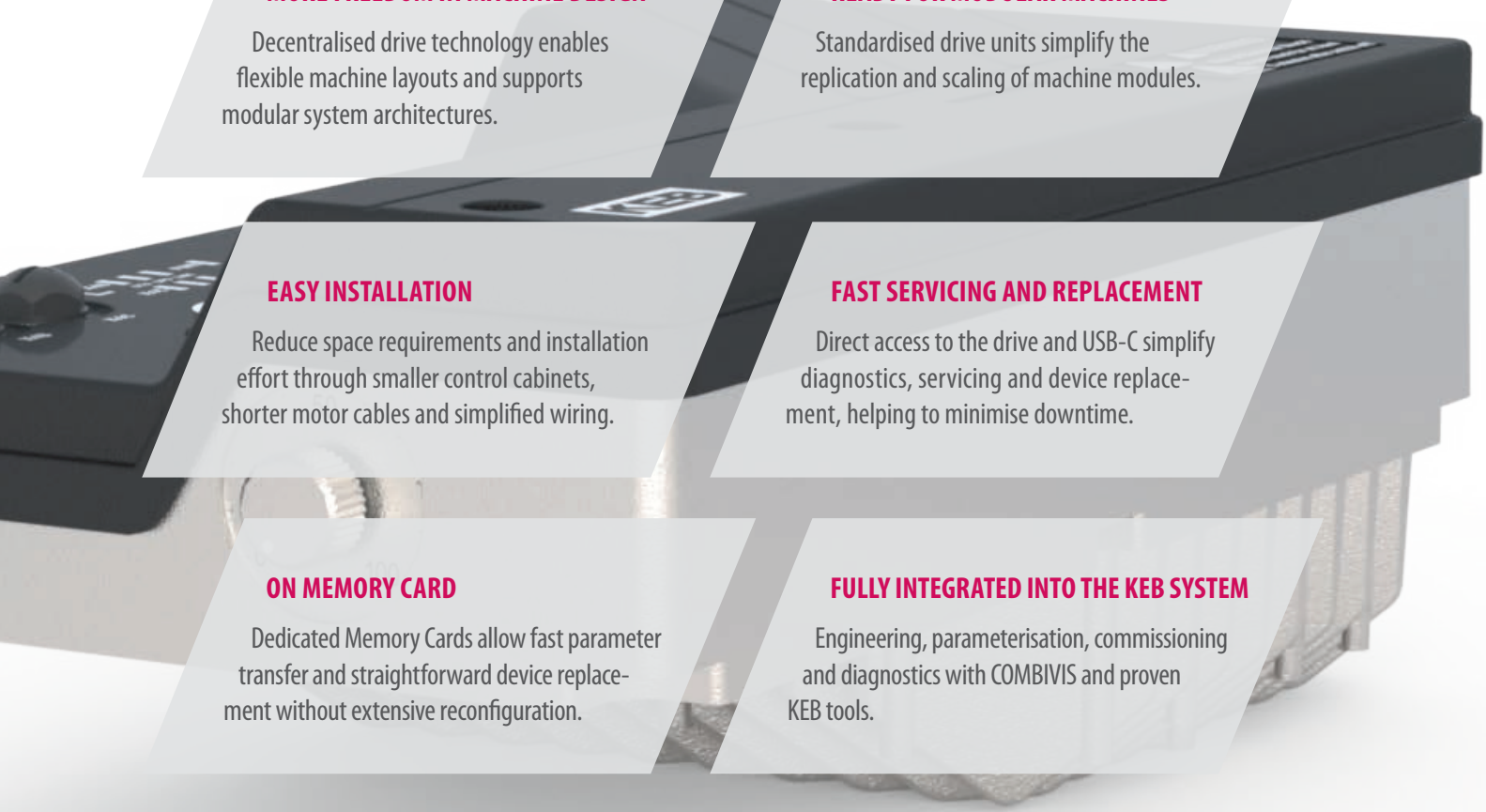
YOUR BENEFITS AT A GLANCE

MORE FREEDOM IN MACHINE DESIGN

Decentralised drive technology enables flexible machine layouts and supports modular system architectures.

READY FOR MODULAR MACHINES

Standardised drive units simplify the replication and scaling of machine modules.



EASY INSTALLATION

Reduce space requirements and installation effort through smaller control cabinets, shorter motor cables and simplified wiring.

FAST SERVICING AND REPLACEMENT

Direct access to the drive and USB-C simplify diagnostics, servicing and device replacement, helping to minimise downtime.

ON MEMORY CARD

Dedicated Memory Cards allow fast parameter transfer and straightforward device replacement without extensive reconfiguration.

FULLY INTEGRATED INTO THE KEB SYSTEM

Engineering, parameterisation, commissioning and diagnostics with COMBIVIS and proven KEB tools.

APPLICATION AREAS

Intralogistics

Packaging and handling technology

Woodworking, plastics, and textile machinery

Event and stage technology

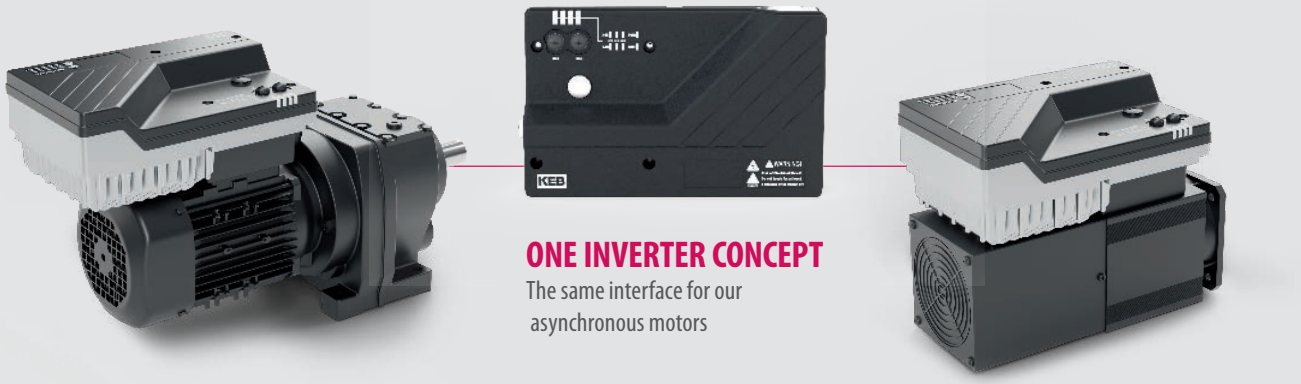
MORE MACHINE PERFORMANCE WITH LESS INSTALLATION EFFORT

TECHNICAL DATA – OVERVIEW

With KEB COMBIDRIVE DX, machine builders can implement decentralised drive concepts that save space, reduce complexity, and support machine modularisation. Designed for applications where drive technology must be flexible, space-saving, and cost-effective. Decentralised performance. Maximum flexibility.

MOTOR CONTROL	Sensorless closed loop
	Open loop
	Encoder closed loop
DEGREES OF PROTECTION	IP65 when mounted on the motor
	IP66 when wall-mounted

POWER	0.37 kW . . . 4.0 kW
	200 % overload for 3 s
POWER SUPPLY	3 x 380 V ... 480 V
	3 x 230 V up to 2.2 kW
COMMUNICATION	EtherCAT
	PROFINET
I/O	3 digital inputs
	2 digital outputs
	1 analogue input
AMBIENT TEMPERATURE	-30 °C to +40 °C
	Up to +55 °C with derating



ONE INVERTER CONCEPT
The same interface for our asynchronous motors

KEB COMBIDRIVE DX: Suitable for DM and VT series asynchronous motors

HIGHLIGHTS

- **Decentralised installation**
  Mounting directly on or close to the motor
- **Powerful**
  Power range from 0.37 kW to 4.0 kW
- **Robust enclosure**
  IP65/IP66 protection for industrial environments
- **Integrated fieldbus**
  EtherCAT and PROFINET available
- **Plug & Play**
  Fast mounting and easy commissioning
- **Engineering with COMBIVIS**
  Parameterisation, commissioning and diagnostics with proven KEB tools

The KEB COMBIDRIVE DX is a product of the KEB Group.
For further information, please contact your KEB motor partner:

KEB Antriebstechnik GmbH
Wildbacher Straße 5 08289 Schneeberg Germany
Phone +49 3772 67-0 E-Mail: sales@keb-drive.de

Brusatori Electric Motors
Via Meucci 5/7 20012 - Cuggiono (Milano) Italy
Phone +39 2250 68401 E-Mail: info@brusatori.eu

Start of Production: Summer 2027

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. We reserve the right to make technical changes.

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Automation **with Drive** **keb-automation.com**

KEB Automation KG Suedstrasse 38 32683 Barntrup Germany Phone +49 5263 401-0 E-Mail: info@keb.de