

Innomotics Motor Mounted Line.

Dream team for the pump and fan market.

Our Motor Mounted Line is the innovation you've been waiting for: Starting with Permanent Magnet Motors, we now offer the combination of motor and drive in a single product.

Perfectly aligned and optimized components? Check.

Compact solution and reduced cabling? Check.

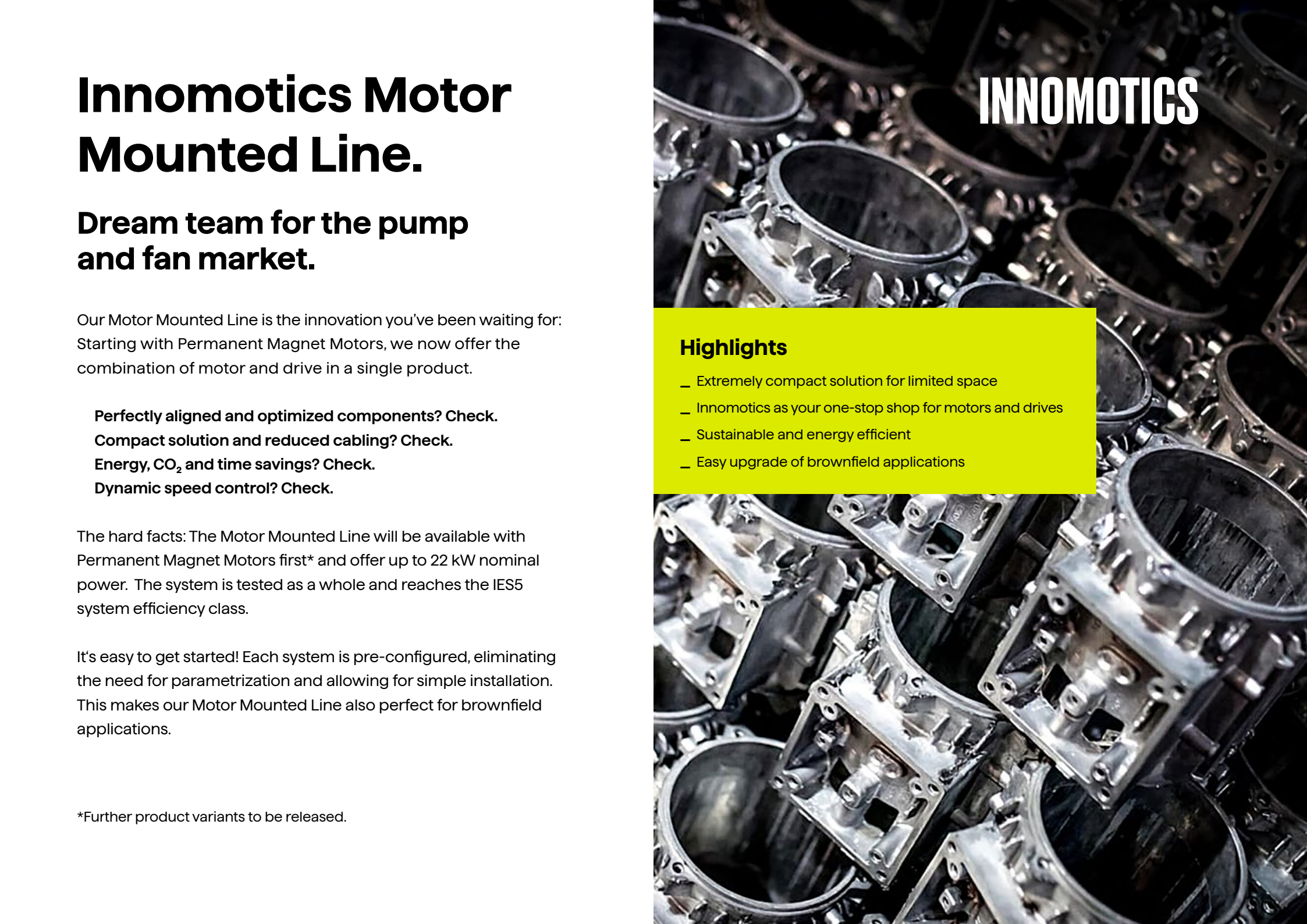
Energy, CO₂ and time savings? Check.

Dynamic speed control? Check.

The hard facts: The Motor Mounted Line will be available with Permanent Magnet Motors first* and offer up to 22 kW nominal power. The system is tested as a whole and reaches the IES5 system efficiency class.

It's easy to get started! Each system is pre-configured, eliminating the need for parametrization and allowing for simple installation. This makes our Motor Mounted Line also perfect for brownfield applications.

*Further product variants to be released.



INNOMOTICS

Highlights

- _ Extremely compact solution for limited space
- _ Innomotics as your one-stop shop for motors and drives
- _ Sustainable and energy efficient
- _ Easy upgrade of brownfield applications

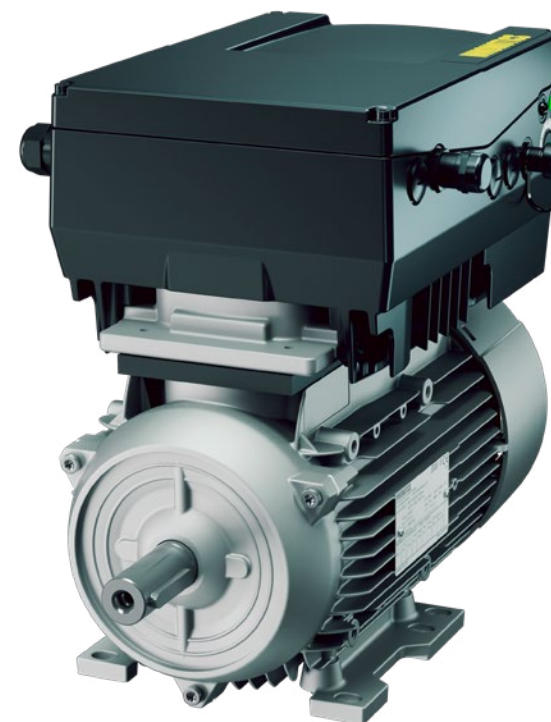
Technical overview

Type of product	AC motor with mounted variable speed drive
Motor technology	Synchronous Permanent Magnet Motor*
Motor enclosure material	Aluminum
Rated power	0,37 – 22 kW
Motor frame size	71, 90, 132 mm*
Speed range	1500, 3000 rpm*
Supply network voltage and frequency	400 V, 50 or 60 Hz
Motor temperature class	F/B (VFD)
Ambient temperature	-20...+40° C
Mounting arrangement	Motor mounted horizontally with drive on top
Motor cooling	IC411, IC416
Drive cooling	Up to 7.5 kW passive cooling without fan, above 7.5 kW active cooling with fan
Degree of protection	IP55, others on request
Explosion protection	–
Motor efficiency class	IE5 according to IEC/TS 60034-30-2
System efficiency class	IES5 according to IEC 61800-9-2
Certificates	CE*

*Further product variants to be released.

Typical areas of application

- _ Water/wastewater
- _ Heating
- _ Ventilation
- _ Air-conditioning



Published by
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