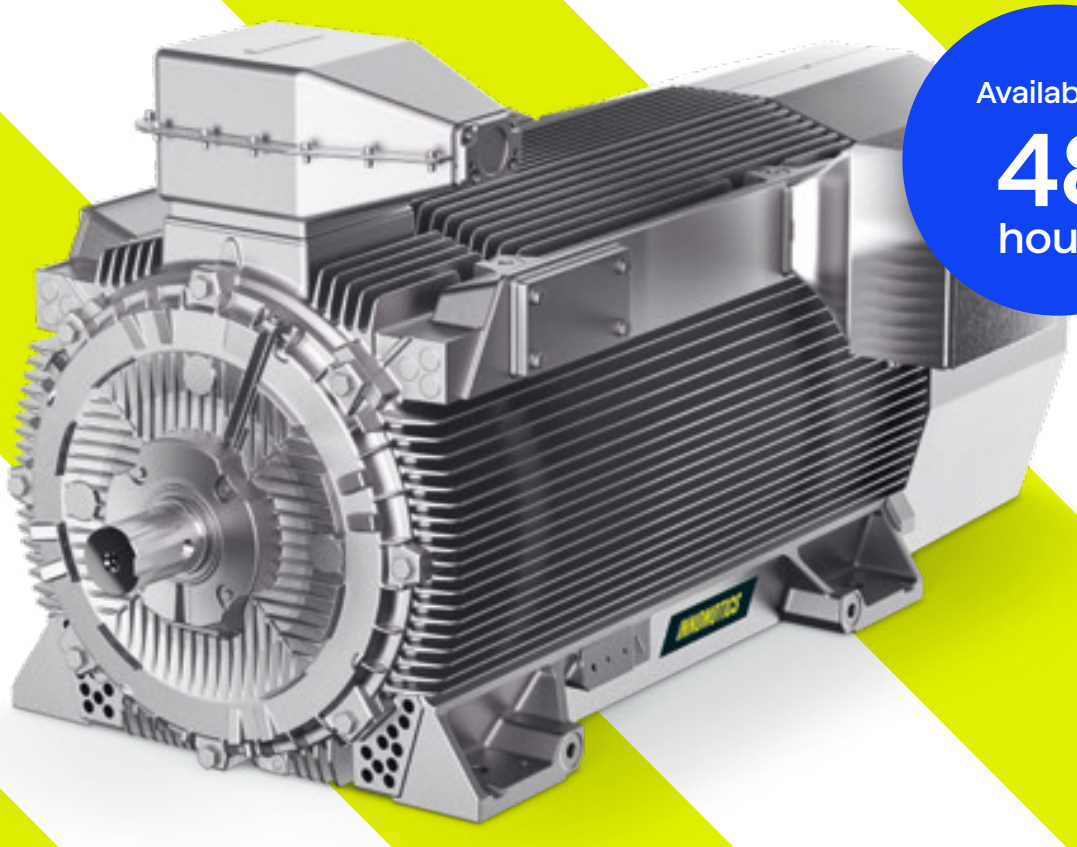
INNOMOTICS

At 6,300 volts only the best is good enough

HV C air-cooled
medium-voltage motors



Available in
48
hours

Voltage range: 6,000 V - 6,600 V

Innomotics' technology.
Cosgra's service.

cosgra

Reliability in motion

Since 1980, building trust, knowledge and response capabilities for industry.

There are movements that cannot fail.

Cosgra specialises in rotating equipment: electric motors, mechanical seals, gearboxes and power transmission.
We support industrial plants, manufacturers and maintenance teams with technical expertise, application engineering and stock that delivers when the process so requires.

We understand each application before proposing any equipment. We review the specification, size it appropriately and reply with the right product. And we remain by your side throughout its service life.



+45	years serving industry
16.000 m²	palletised for European distribution
+20	countries with well-established exports
+200	annual customised engineering projects
+200.000	total stock items

Innomotics' technology. Cosgra's service.

Innomotics' range of medium-voltage motors operates in critical processes across the chemical, petrochemical, paper, mining and energy industries.

Cosgra is an Advanced Partner of Innomotics, with a large stock and high response capabilities. This enables us to offer its medium-voltage motors with the manufacturer's technical support and everything Cosgra brings: application engineering, stock in Spain and a single point of contact, from the specification to after-sale.

cosgra

INNOMOTICS
Advanced Partner

Flexibility, performance and solutions for evolving industrial processes.



Medium-voltage motors ready for every requirement.

- HV C air-cooled
- HV C Water-jacket-cooled
- HV C Flameproof
- Modular motors
- High power motors
- Special motors
- AboveNEMA motors
- Industrial generators

cosgra | INNOMOTICS

Medium-voltage motors
HV C air-cooled

Extremely reliable and flexible, with low vibration levels.

Innomotics' air-cooled HV C motors offer an exceptional performance and reliability. The innovative high-efficiency fin-and-tube cooling system allows greater power density and a longer component lifespan without increasing the overall size. These motors are designed to facilitate their integration and reduce maintenance complexity, with advanced connectivity to Inspire IQ for predictive maintenance.



Features

— Up to 20% more power density in the same frame size.
— Advanced fin-and-tube cooling system for optimal heat dissipation.
— Optimised to operate with low vibration levels.
— Simple integration with Inspire IQ for predictive maintenance.
— A cost-effective and flexible motor design tailored to each project and suitable for a range of applications.
— Ideal for non-hazardous areas and Ex zones 2 and 22.

Technical specifications

Typical applications
— Pumps
— Fans
— Compressors
— Conveyor belts
— Mills

Typical industries
— Oil and gas
— Chemical industry
— Water and wastewater
— Fibres
— Shipbuilding sector
— Electricity companies
— Cement

Available in **48** hours



HV C air-cooled

Motors available in 2-pole B3		
Frequency - 50 Hz (tolerance +3/-5%)		
Voltage 6.3 kV (tolerance +/-10%)		
Size	**355**	**400**
Power in stock	500 kW	770 kW
Suitable for replacing motors with the following power ratings:	400 kW 450 kW	560 kW 630 kW 700 kW

Motors available in 4-pole B3		
Frequency - 50 Hz (tolerance +3/-5%)		
Voltage 6.3 kV (tolerance +/-10%)		
Size	**355**	**400**
Power in stock	530 kW	780 kW
Suitable for replacing motors with the following power ratings:	400 kW 450 kW 480 kW	560 kW 630 kW 710 kW

In addition to the stock, Cosgra provides access to the full range of Innomotics motors and generators.



Water-cooled motors. When the environment is the enemy.

Closed-loop water cooling. For environments with dust, chemical agents or salt-laden air and installations in which space is limited or the noise levels must be low.

HV C Water-jacket-cooled



Explosion-proof motors. A compact high-voltage performance for explosive environments.

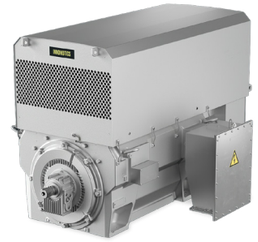
Flameproof enclosure (Ex d) for areas with explosive atmospheres in zones 1 and 2. Designed for the oil, gas, chemical and maritime industries.

HV C Flameproof





An Innomotics range to suit every project.



Modular motors: standardised and flexible.

Efficient and configurable motors on a common platform, up to 29 MW.

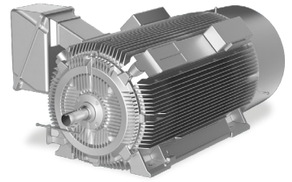
Innomotics HV M



High-power motors: powerful and bespoke.

Tailored solutions for extreme loads, with power outputs up to 70 MW.

Innomotics HV HP



AboveNEMA motors: flexible and reliable

High-performance solutions for the North American market, up to 28,000 HP.

Innomotics MV



Special motors: specific to each application and high-performance.

Designed for demanding or unconventional operating environments, with outputs up to 100 MW.

Innomotics HV HS



Industrial generators: future-focused and cost-effective.

Reliable and efficient power generation, with a long service life.

Innomotics GEN M

Available on a project basis.

Enquire about the specification and we'll propose the solution and timescale.



cosgra

Reliability
in motion

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Cosgra's own brands

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WA MOTORS

Brands represented by Cosgra

INNOMOTICS

ATB

VEM

RAEL
MOTORI ELETTRICI

ROTEN