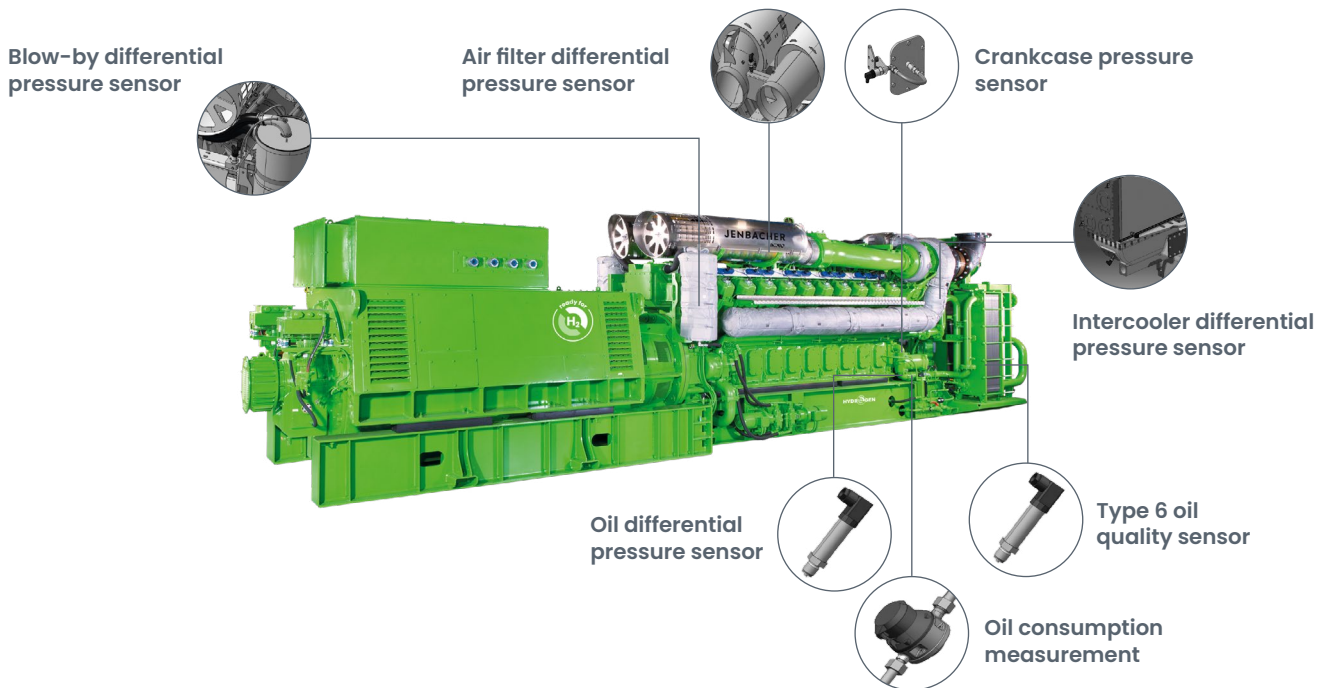


ADVANCED MONITORING PACKAGE

For Jenbacher Type 3, 4, and 6 engines

INNIO Group's new advanced monitoring package enables additional diagnostic features on Jenbacher Type 3, 4, and 6 engines. Increase uptime and reduce life-cycle costs with sensors that run predictive analytics.



Upgrades: Enhancing performance

Our innovative solutions are constantly upgraded to increase your plant's sustainability and bring you top economic results. Let INNIO Group—your Jenbacher system's original equipment manufacturer (OEM)—partner with you for the unique insights you need to always stay up to date. Building on your constant feedback, we offer a broad range of upgrade packages for your Jenbacher products. That is why we also continuously develop our monitoring capabilities for you.

Product details

Oil consumption measurement

A flow meter continuously measures engine oil consumption. Actual and historical measurements are visualized in the DIA.NE control system. Accurate measurement of lubricating oil consumption helps you control costs and enables early detection of increased engine wear.

Oil filter differential pressure sensor

Predictive analytics and condition-based maintenance of the engine oil filter lead to reduced life-cycle costs and improved maintenance planning.

Oil quality sensor¹

Continuous oil quality monitoring combined with extended oil sampling intervals reduces the quantity of oil samples by up to one-third. This feature requires myPlant Care as a minimum requirement.

Crankcase pressure sensor

Continuous monitoring of the engine crankcase pressure enables predictive analytics for early failure detection of the power unit, turbocharger, and blow-by system.

Air filter differential pressure sensor

This sensor enables condition-based maintenance of filter elements and failure detection if filter material is damaged.

Intercooler differential pressure sensor

Cleaning intervals are optimized and predicted.

Blow-by filter differential pressure sensor

Condition-based maintenance of filter elements is enabled. Damaged filter material and assembly issues (e.g., broken or missing O-rings are detected.)

OEM documentation update

Changes made to the installation resulting from an upgrade are updated in the P&ID, operational manual, spare parts catalog, and wiring diagrams.

¹ For Type 6 engines in combination with oils from INNIO Group

² All sensors are available for control system DIA.NE XT 4.4 or higher.

For DIA.NE XT, XT3 and XT4 to 4.3 only oil differential pressure sensor, oil consumption measurement and crankcase pressure sensor are applicable.



Contact us:

jenbacher.com/en/contact

Customer benefits

Increased uptime

Enhanced failure diagnostic capabilities to prevent unplanned outages

Improved management of spare parts and consumables

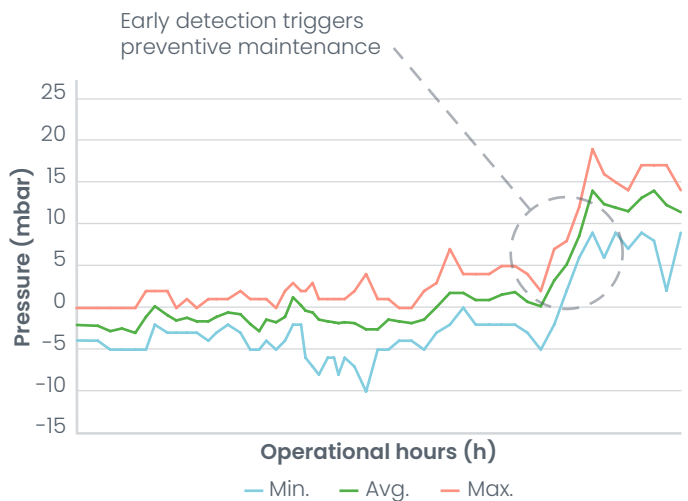
Optimized service management with predictable parts exchange

Condition-based monitoring of key components

Calculation of remaining component lifetime leading to enhanced maintenance planning

More benefits with digital package

Increase your benefits by adding INNIO Group's digital myPlant technology.



Applicable units²

Type 2		Type 4	✓
Type 3	✓	Type 6 ¹	✓



Upgrade your engine

Enhancing performance
jenbacher.com/upgrades

For more information, visit INNIO Group's website at innio.com, the Jenbacher website at jenbacher.com, or the Jenbacher Services website at jenbacher.com/en/services

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