



CLEAN AIR IS OUR ENGINE

The catalogue prices quoted are recommended retail prices. Offers are subject to change, prices do not include VAT (with the exception of the reimbursement of used catalysts), delivery ex works, subject to prior sale. You can always find our current sales prices in our online shop www.shop.emission-partner.de









EMISSION PARTNER PRODUCT CATALOGUE 2024 / 25

TABLE OF CONTENTS

Latest news Foreword, Company, Recycling, Emission Partner Catalyst, News	6
Jenbacher	30
MWM	38
MTU/MDE	50
2G	58
MAN	64
Tedom / SCHNELL	76
SCR exhaust gas aftertreatment Retrofitting, installation videos, Double Stack, SCR catalysts	84
Emission measurement Exhaust gas measurment, formaldehyde rapid tester, EMI-LOG	94
Accessories	106
Our contact persons	116
Index	118

Jenbacher

MWM

MTU/MDE

MAN

Tedom/SCHNELL



NEW YEAR, NEW REQUIREMENTS! AND SOLUTIONS FROM EMISSION PARTNER!

Dear plant operators.

The biogas market is changing. More and more plants are feeding in electricity flexibly when the wind and sun are not contributing. This makes bioenergy the wild card of the energy transition, as it is the only controllable renewable energy.

This in turn means that the engines on the biogas plants only run for 2.000 to 4.000 hours a year, depending on how much the plants have been 'overbuilt'. The constant switching on and off of the engines also places increased demands on the catalysts, which are repeatedly heated up and cooled down instead of running continuously. Emission Partner catalysts have long taken this new requirement into account with the new casing design 2.0. From page 12 onwards, you can find out how we make a catalysts, from sales to the end product.

While 2023 was still dominated by the conversion of flex engines to the new SCR exhaust gas aftertreatment system, these systems were fully operational for the first year in 2024. Over the last two years, we have also further expanded our vertical integration in this segment. In addition to in-house development and design, Emission Partner has its own PLC control cabinet construction and PLC programming. Our own service department maintains the SCR systems in the field and our hotline provides unbureaucratic assistance in the event of faults. Read more about SCR, from page 84. 2024 is also Emission Partner's first year in the new production and administration building. We manufac-

ture and store catalysts for stationary engines on over 4000 square metres. Emission Partner has now built up the largest vertical range of manufacture in Europe for these catalysts with its own metal carrier construction, coating, calcination and welding workstations. No other company has as many different types of catalysts in stock and can manufacture and deliver faster than Emission Partner. On page 10 you will find pictures and information about our new production and administration building.

We have had a new online shop since July of this year. Here, too, it is clear that Emission Partner stocks all standard catalysts in the industry and can deliver them within a few days. You can order the products presented in the catalogue directly from the online shop using the printed QR codes. It couldn't be simpler.

Now I hope you enjoy browsing through our new catalogue or why not visit us at the Energy Decentral in Hanover from 12 to 15 November, we look forward to seeing you.

Thank you for your loyalty.

Yours sincerely Dirk Goeman

Managing Director of Emission Partner GmbH & Co. KG



EMISSION PARTNER - YOUR EXHAUST AFTERTREATMENT SPECIALIST

Do you need a new catalyst or do you have questions about the new official emission requirements? Then you too can rely on our products and services!



A secure compliance with the emission requirements



100 % production of the catalysts in own production



Annually > 1800 Emission measurements on stationary engines



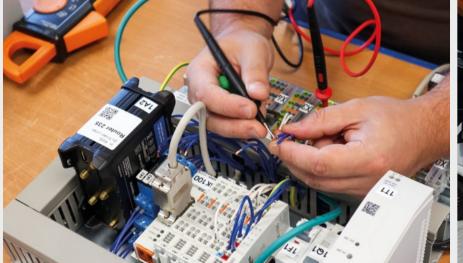
Many years of experience in the SCR exhaust gas aftertreatment



We offer all standard catalysts are available ex works



We offer nationwide service for your exhaust systems







CLEAN AIR IS OUR ENGINE OUR VISION

The quality of our air has a major impact on people, animals and the environment. Our vision is to maximise the reduction of pollutant emissions from combined heat and power plants in the long term - far beyond the day of exhaust gas measurement. Catalysts from Emission Partner help to limit climate-impacting emissions and keep our air clean. At Emission Partner, we pursue a long-term mission and focus on longevity and reusability. Emission Partner catalysts are made from high-quality components and can be recycled. We consciously consider the impact of our product on the environment and try to minimise it as much as possible.

THE FUTURE OF EXHAUST GAS **AFTERTREATMENT FROM 2024**

Strücklingen

Emission Partner moved into its new company headquarters in Bürgermeister-Schröer-Straße in Strücklingen in the district of Cloppenburg at the beginning of May 2024. The construction work for the new company building with 880 m² of office space and 4000 m² of production space took one and a half years.

The modern working environment fulfils the reguirements of contemporary working and offers space for creativity and teamwork - the key factors for innovative solutions and common goals. With this important step, Emission Partner is consolidating its commitment in the field of global exhaust gas aftertreatment and making a significant contribution to the energy transition.

This forward-looking investment marks an important milestone in the company's almost 15year history and the beginning of an exciting new era. With a high level of motivation and a clear focus on growth, we are ready to continue along the path of exhaust gas aftertreatment. Emission Partner is the first independent catalyst manufacturer to specialise entirely in the development, manufacture and sale of exhaust aftertreatment products. Our vision is to maximise the long-term reduction of pollutant emissions from combined heat and power plants. Catalysts from Emission Partner help to limit climate-impacting pollutants and keep our air clean.

We pursue a long-term mission and focus on the durability and reusability of our products. Our catalysts are made from high-quality components and can be recycled after use. We consciously consider our impact on the environment and endeavour to keep it as low as possible.

However, reducing emissions means much more than just developing and installing a good catalyst. Reducing emissions starts with the quality of the fuel gas, extends to optimising combustion and does not end with the right catalyst technology. The right choice of engine oils, for example, can significantly reduce catalyst ageing. We are partners and advisors to our customers in this area. From the engine-specific selection of catalysts to the installation and support of exhaust gas measurement, we remain committed to our customers in the long term and help them not only to comply with legal limits, but also to save resources by optimising the operation of their gas engines.









YOUR INDEPENDENT CATALYST MANUFACTURER FOR **ENGINES AND INDUSTRIAL APPLICATIONS**

Our know-how for a clean environment!

"Sustainable yes, but with sense - Emission Partner!"

We are the first and largest independent catalyst manufacturer in Europe to focus entirely on the development, production and sale of solutions for various emission requirements and applications. We are your competent partner, from the design of the exhaust gas aftertreatment system to construction, in-house production and assembly. The support provided by our decentralised service rounds off our product portfolio.

The emission limits for all engines, industrial and other applications are constantly being reviewed with a view to improving air quality and reducing the exchange of CO2 and carbon monoxide, and the requirements are being tightened. This poses new challenges for the operators of such systems, Emission Partner is then the 'partner for your emission problem!'. We provide you with the details you need to pay attention to and offer you a manufacturer-independent solution for your different emission re-



DISTRIBUTION

Over the years, Emission Partner has built up an expert sales organisation. This not only enables us to find a customised solution for almost any requirement, but our many years of experience mean that the time and effort required by the customer to prepare a quotation is minimal. In the case of catalysts that have already been installed, the technical data of the combined heat and power plant and a photo of the previously installed catalyst are often sufficient to offer a catalyst that is optimally designed for the applicable requirements, taking into account the fuel gas, the flow direction and the exhaust gas back pressure. Our decentralised field sales team visits the installations of new and existing customers to provide individual solutions, discuss offers on site and provide expert technical advice.

Contact us now:

Distribution

Phone: +49 4498 92 326 - 26











CONSTRUCTION

The design department not only handles the day-to-day business of manufacturing catalysts, but also realises projects for exhaust systems, setting new standards in the exhaust gas aftertreatment of stationary gas engines.

The design department is characterised by its flexibility, attention to detail and technical expertise. It focuses on the continuous optimisation of components, the rapid processing of special parts and the individual design and drawing of each product. Smooth communication with production is crucial to the success of day-to-day business, especially when it comes to the rapid implementation of customer requirements and the optimisation of production processes. This is because it must be ensured that a design is both technically feasible and cost-efficient.

Exhaust systems often differ greatly in terms of their design and operational requirements. For this reason, customised solutions are developed that are specifically tailored to the conditions of the respective plant. For projects that are based on existing systems, it is essential to precisely record the structural conditions on site. 3D measurements make it possible to precisely record the existing structures and integrate them into the planning of new components. The use of state-of-the-art design software (CAD) and simulation tools (CFD) enables the precise design of the exhaust system with the integrated catalysts. The design of the structure is visualised in layouts and shared with the customer at an early stage. The entire procedure increases planning accuracy and minimises risk.

DEVELOPMENT

Emission Partner's market-oriented catalyst development is characterised by a close connection between market requirements, research, production and quality assurance. The focus is on quickly transferring new technologies to production, continuously ensuring quality and reacting flexibly to new challenges.

Development is orientated towards the current and future requirements of the market. This includes emission specifications, technological trends and economic aspects. The tasks include the integration of new materials and technologies as well as the testing and introduction of new production processes. We cover every step of the process chain. All technologies are developed and manufactured in-house, from raw materials and the initial idea to prototype development, series production and quality control. Before new technologies go into series production, they are extensively tested to ensure that they fulfil the requirements for performance, durability and emission reduction. This is ensured with modern test benches and analysis methods as well as a lively exchange with universities and institutes.

Maintaining quality is crucial from the initial development phase through to series production in order to guarantee the performance and longevity of the catalysts. In production, quality is ensured through constant monitoring and process controls. A close-meshed network of quality controls is in place from the winding of the substrate to the final furnace cycle as a finished catalyst.











ELECTRICAL ENGINEERING

Over the past three years, Emission Partner has built up an electrical development department with associated electrical production including control cabinet construction. The focus of development is on the integration of modern sensor technology, reliable electronics and advanced software. The aim is to create precise and reliable systems that fulfil the strict legal requirements and react in real time to dynamic conditions in the exhaust system. The combination of high functionality and user-friendliness is crucial to the success of the products developed.

With the EMI-LOG and EMI-CON products, we have succeeded in giving operators the opportunity to view the operation of their engines and their emissions. The EMI-LOG software continuously analyses the sensor data and determines whether the exhaust gas values are within the permissible limits. In addition, the EMI-CON dosing system processes the data in real time and reacts accordingly to control the reactions in the exhaust system and catalyst. Both systems have web visualisation so that live information and data can be accessed from any location. The development of the products included in particular the selection and integration of sensors that are capable of delivering results in demanding environments. The developed systems were extensively tested in special test environments. This includes not only functional tests, but also long-term stress tests to ensure that the systems are durable and stable.

PRODUCTION

In order to manufacture a high-quality product at all times, Emission Partner manufactures according to a certified management system. From the winding and coating of the metal carriers to the welding of components and the complete pipework construction for new exhaust gas aftertreatment systems, everything is manufactured 100% in-house.

This vertical integration, which is unique in Europe, combined with the high quality and environmental protection requirements, are the main features of Emission Partner.



DIN EN ISO 9001 **REG.-NR.** Ol 0114412











PROJECT MANAGEMENT, **ASSEMBLY AND PIPEWORK** CONSTRUCTION

Project management at Emission Partner includes the planning, implementation and monitoring of our projects to ensure that they are completed on time and within budget. Our experienced local specialists install new catalysts, new exhaust gas aftertreatment systems or insulate and carry out the commissioning of your systems.

All SCR projects are individually advised by an experienced employee and supervised on site. If required, we can take on the entire conversion including pipework construction and insulation work. This requires precise planning and coordination to ensure that everything runs smoothly.

SERVICE

The ever more stringent emission requirements, especially with regard to the requirement to continuously monitor and document corresponding limit value requirements, present plant operators with the challenge of having a suitable solution retrofitted.

Solutions that have already been installed must be serviced and maintained accordingly. This is precisely where Emission Partner's service comes in. Our service not only includes the installation and commissioning of the appropriate solution, but also the optimal support of the installed systems.

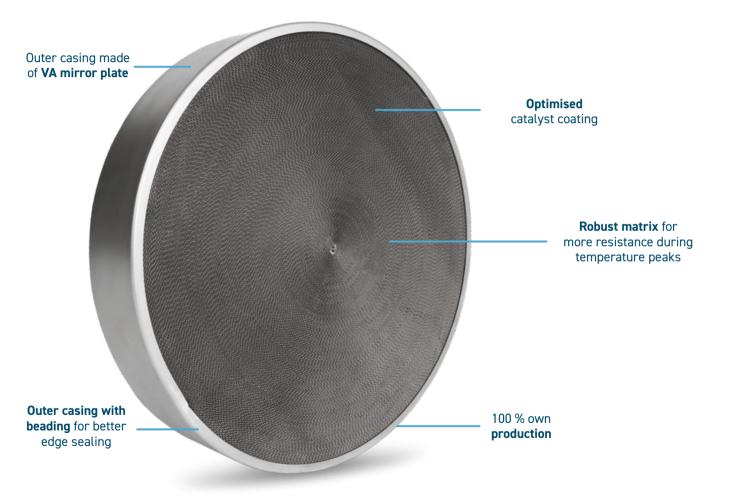
Our nationwide service team of experienced service technicians is always on the road at customer sites to provide optimum support. Emission Partner has also set up a technical support team to provide remote support to customers with installed EMI-LOG/EMI-CON systems. thus helping to reduce downtimes.





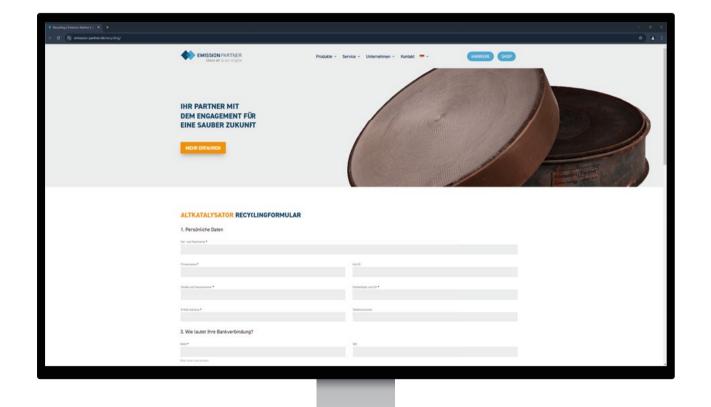
THE RESULT: THE EMISSION PARTNER CATALYST

Made in Germany



RECYCLING FOR A CLEAN FUTURE

We pay at fixed prices





RECYCLING FOR A CLEAN FUTURE

We pay at fixed prices

OXIDATION CATALYSTS*1

Casing Ø (in mm)	Item no.	90	Item no.	120	Item no.	150
up to 258	003329	€75.00	003330	€100.00	003331	€125.00
259 to 308	003332	€105.00	003333	€125.00	003334	€145.00
309 to 388	003335	€140.00	003336	€180.00	003337	€220.00
389 to 439	003338	€170.00	003339	€225.00	003340	€290.00
440 to 490	003341	€220.00	003342	€280.00	003343	€345.00
491 to 518	003344	€255.00	003345	€320.00	003346	€380.00
519 to 614	003347	€330.00	003348	€410.00	003349	€510.00
615 to 686	003351	€390.00	003352	€510.00	003353	€630.00
687 to 744	003354	€450.00	003355	€595.00	003356	€735.00
745 to 836	003357	€565.00	003358	€735.00	003359	€910.00
837 to 886	003360	€635.00	003361	€830.00	003362	€1,030.00
887 to 936	003363	€725.00	003364	€930.00	003365	€1,145.00
937 to 986	003366	€780.00	003367	€1.020.00	003368	€1,255.00

^{*1} The calculation is made after receipt and inspection of the used catalyst at the factory. The basis for calculation is the diameter and the matrix height. The credit note is issued net. No compensation for SC catalysts

ATTENTION: If there are no precious metals left in the catalyst, Emission Partner reserves the right not to pay any compensation.

It makes no difference to us whether your old catalyst is a thirdparty product or whether you have purchased a catalyst from us. As we recycle the used catalyst, we recover some of the precious metals used, which we use again for the production of our catalysts.

Please fill out the used catalyst recycling form, enclose it with your parcel and send the catalyst to the following address:

Emission Partner GmbH & Co. KG

Altkatalysator-Recycling Bürgermeister-Schröer-Straße 9-11 D-26683 Saterland



TWC catalyst payment

001375 - € 25,00 per litre*²

Disposal costs for SCR & ALHS catalysts and SC full extrudates*1

002366 + € 2,00 per litre

23 | CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT | 24

^{*2} The EUR 25 per litre is a guide value and the current rhodium and platinum prices must be taken into account.

NEWS: BIOGAS

Policy - Measurement obligations

POLICY

Biogas is an important pillar of the future energy system, as it can be stored, used flexibly and is base-load capable. Biogas produces energy even when the sun is not shining and the wind is not blowing. These advantages must be utilised in the further development of our energy supply and the most efficient and sustainable biogas production possible must be ensured.In recent years, however, biogas plant operators have failed to recognise the importance of this. Rising energy prices, a massive increase in documentation costs and a lack of legal certainty have led to a backlog of innovation. The tender volumes for plants after the EEG term are also too low and were significantly oversubscribed in each case. Since 18 August 2024, there has been positive news for the biogas sector from the political arena. The Federal Minister of Economics. Dr Robert Habeck, is committed to biogas and has announced a 'comprehensive biomass package'. On the one hand, plants are part of heating or building networks. On the other hand, biogas can be used flexibly. In other words, precisely when there is little wind and no sunshine. The core demands of the bioenergy associations are a significant increase in the tendering volumes

and their remuneration rates as well as the further expansion of flexible plants towards regional storage concepts.

Emission Partner has also been supporting the Fachverband Biogas e.V., the Flexperten and other institutions for years in order to represent the interests of biogas plant operators vis-à-vis politicians and bring about positive changes.

MEASUREMENT OBLIGATIONS

Biogas plants that have a term of 20 years under the EEG must continue to have their engines measured by an accredited measuring institute. A distinction is made here as to whether your plant is authorised under the BImSchV or under building law. You must comply with an annual measurement obligation and the other requirements of the 44th BlmSchV, such as NOX and temperature monitoring as well as the limit values and documentation obligations. for BlmSchV-authorised systems. For systems that are authorised under building law, it is sufficient to measure all engines every 3 years.











(Source: UBA Federal Environment Agency)









NEWS: NATURAL GAS / PUBLIC UTILITIES

Policy - Retrofitting SCR exhaust gas aftertreatment

POLICY

Gas as an energy source has many advantages. It is still far superior to other conventional energy sources in terms of CO2 and particulate emissions. Gas is clean, safe and inexpensive. Gas can be used to meet both short-term climate protection targets and the milestones on the road to decarbonisation. Where natural gas still flows today, climate-neutral gases will soon be able to provide the same service. Whether we need secure long-term storage for days when there is a dark doldrums with high enerav consumption in the cold season or whether we want to generate climate-neutrally: The necessary infrastructure - consisting of a pipeline network and storage facility - is already in place for gas. Natural gas is a multi-talented energy source and can make a decisive contribution to implementing the energy transition - in the electricity sector, in mobility and, above all, in the heating market.

Combined with solar thermal energy, renewable energies also come into play, and with biomethane, almost climate-neutral heating is even possible - without the need for any conversion. Thanks to innovative technologies such as combined heat and power or fuel cells, gas will remain a building block of an efficient heating transition in the long term.

n addition, the large-scale district heating networks built by municipal utilities and energy suppliers make a significant contribution to independence and decentralised security of supply.

RETROFITTING - SCR EXHAUST GAS AFTERTREATMENT

The 44th Federal Immission Control Ordinance (44th BImSchV) provides for a reduction in the nitrogen oxide limit values for combustion engines. This means that new and existing systems will have to comply with a nitrogen oxide limit value of 0.1 g/Nm³ after the transitional periods have expired. As internal engine measures are not sufficient to comply with this limit value. SCR exhaust gas aftertreatment is required. New systems that are operated with natural gas and went into operation after 20 December 2018 must already have a functional SCR exhaust gas aftertreatment system from 1 January 2025. For existing systems, this will only apply from 1 January 2029. Due to the complexity and the large number of CHP units to be retrofitted, Emission Partner recommends that all engine operators address this issue at an early stage.









ONLINE SHOP 2.0

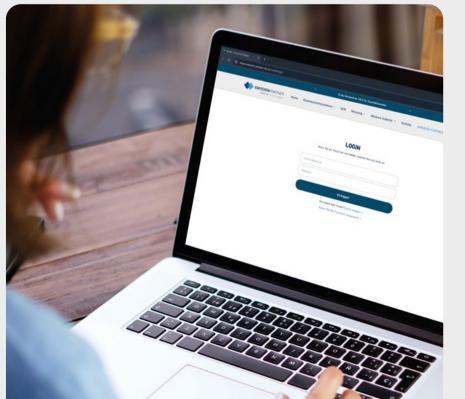
your partner for exhaust gas aftertreatment

The time has finally come. Our new online shop has been opened. There you will find all our standard catalytic converters, emission monitoring systems and engine accessories. You can easily register in our online shop. Simply log in with your e-mail address, set a password and order all products for your CHP conveniently online.

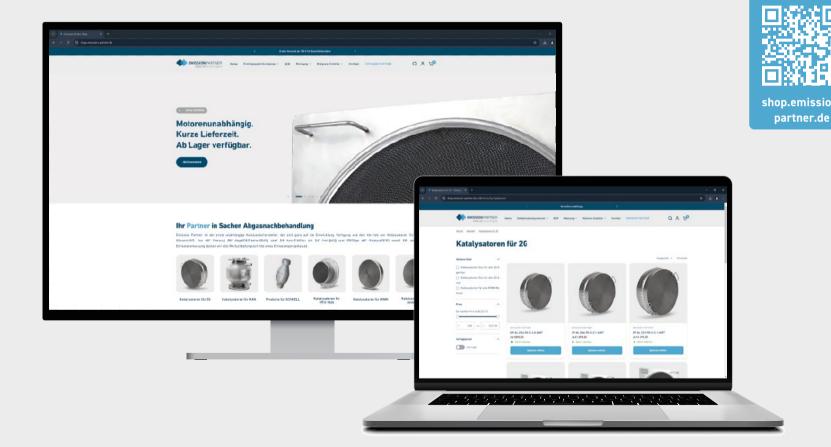
Our aim is to offer you a first-class shopping experience that is both convenient and user-friendly. The simple and user-friendly interface allows you to quickly and easily browse through the categories and find the products you need for your CHP. We offer you various secure payment options so that you can shop with peace of mind. Your orders are processed quickly and reliably so that you don't have to wait long.

Our friendly sales team will be happy to help you with any questions you may have. Take a look and discover our offers. Sign up for our newsletter to receive news and exclusive discounts. We look forward to welcoming you to our online shop!





Engine-independent. Short delivery time. Available from stock.



JENBACHER

Table of contents

Catalysts for all Jenbacher series

32



OUR SHOP

We have opened our new online shop. In our shop you will find all our standard catalysts or you can request special catalysts. You will find everything to do with emission monitoring and measurement. Of course, there is also a section for engine accessories. Simply log in with your e-mail address, set a password and order all products for your CHP conveniently online. The new, fresh and tidy design invites you to shop online in a completely new way. Simply scan the QR codes next to the products and order with just a few clicks.

CATALYSTS FOR JENBACHER 312

installation in inspection overs of flue gas heat exchangers

CATALYST

EP-AL 514-75-2-2.1-AWT

Slatted spring clip for optimum sealing and reduction of exhaust slip

Folding handles for secure mounting

Use of 2 catalysts and an empty sleeve

Accessories included







Article no.	Article name	Description	Dimension Ø	Price / piece	
001496	EP-AL 514-75-2-2.1-AWT	Standard catalyst for Jenbacher 312 Catalyst with accessories consisting of flat gasket, sealing tape, heat-resistant screws, assembly set and seal set	518xL81 mm	€2.245,00 Accessoires: €2.518,35	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de



3 Delivery time in days Recycling (see page 23)

CATALYSTS FOR JENBACHER 312

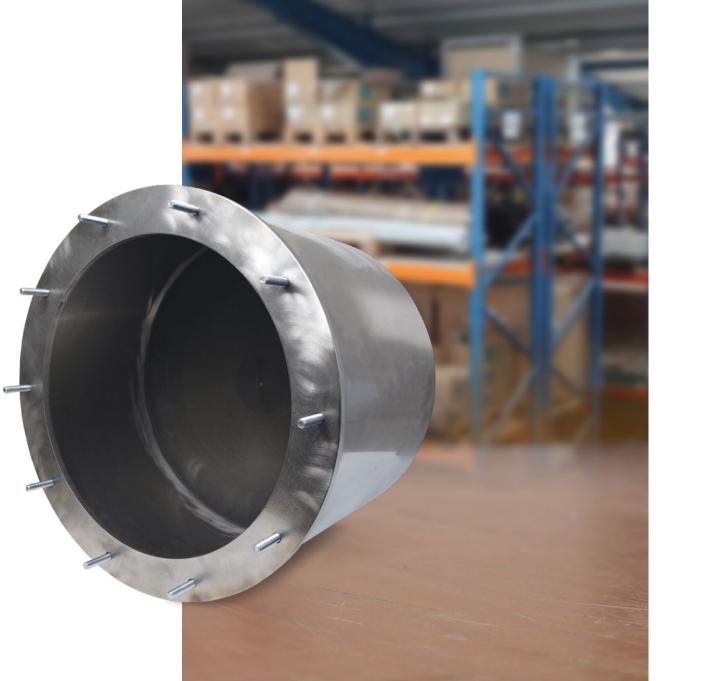
installation in the access to the flue gas heat exchanger

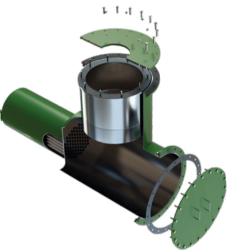


EP-AL 496-120-3-2.1-ME387-FL519-S

Installation in pre-chamber of the exhaust gas heat exchanger

Accessories included







Article no.	Article name	Description	Dimension Ø	Price / piece	
002952	EP-AL 496-120-3-2.1-ME387- FL519-S incl. mounting kit	suitable for EnviTec Jenbacher with 525-633 kW pre-chamber Catalyst with accessories consisting of flat gasket, flange gasket, nuts, assembly set and seal set	500xL387 mm Outer flange Ø: 519 mm	€3.595,00	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de





CATALYSTS FOR JENBACHER ENGINES

installation in exhaust gas heat exchanger and silencer

CATALYST

EP-AL 544-90-2-2.1-FL680 EP-AL 604-90-2-2.1-FL680 EP-AL 514-120-2-2.1-FL680 EP-AL 544-120-2-2.1-FL680 EP-AL 604-120-2-2.1-FL680

Variable use of catalysts

Fastening via split pins

Accessories included







Article no.	Article name	Description	Dimension Ø	Price / piece	
001117	EP-AL 544-90-2-2.1-FL680	Use of 2 catalysts with Jenbacher 316, 320, 412, 416 Use of 3 catalysts with Jenbacher 612 replaces Jenbacher part no. 1219727	548 x L96 mm Outer flange Ø: 680 mm	3.195,00 € Accessoires: 3.254,40 €	
008697	EP-AL 604-90-2-2.1-FL680	Use of 1 catalyst with Jenbacher 312 Use of 2 catalysts with Jenbacher 316, 412, 416, 420 Use of 3 catalysts with Jenbacher 612, 616 replaces Jenbacher part no. 1227525	608 x L96 mm Outer flange Ø: 680 mm	3.995,00€ Accessoires: 4.054,40€	
000216	EP-AL 514-120-2-2.1- FL680	suitable for Jenbacher 312 replaces Jenbacher part no. 1219896	518×L126 Outer flange Ø: 680 mm	4.245,00€ Accessoires: 4.304,40€	
000176	EP-AL 544-120-2-2.1- FL680	suitable for Jenbacher 312 replaces Jenbacher part no. 1219885	548 x L126 mm Outer flange Ø: 680 mm	4.295,00 € Accessoires: 4.354,40 €	
000180	EP-AL 604-120-2-2.1- FL680	suitable for Jenbacher 412 replaces Jenbacher part no. 1219891 & 1219894	608 x L126 mm Outer flange Ø: 680 mm	5.195,00€ Accessoires: 5.254,40€	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de





Recycling (see page 23)

MWM

Table of contents

Catalysts for MWM engines
Catalysts for catalyst chambers
Catalysts from Emission Partner
Catalyst chambers



MANUFACTURER INDEPENDENT

At Emission Partner, we support you with the right catalysts for your CHP units and help you to reduce emissions and protect the environment. You can also conveniently order all standard products online at www.shop.emission-partner.de. All of our catalysts and emission monitoring systems are designed and manufactured 100% in-house in Saterland, Lower Saxony. Thanks to an almost 100 % vertical range of manufacture, we can also produce every catalyst in batch size 1. This takes place in our new 4000 m² production hall.

CATALYSTS FOR MWM ENGINES

installation in flue gas heat exchanger

CATALYST

EP-AL 333-90-2-2.1-AWT EP-AL 384-90-2-2.1-AWT EP-AL 432-90-2-2.1-AWT

Slatted spring clip for optimum sealing and reduction of exhaust slip

Folding handles for secure mounting

Use of 2 catalysts

suitable for MWM TCG 2012 V08/V12/V16







Article no.	Article name	Description	Dimension Ø	Price / piece	
000987	EP-AL 333-90-2-2.1-AWT	suitable for MWM TCG 2016 V08 and V12 Installation in heat exchanger DN 350	337 x L96 mm	€1.295,00 Accessories: €1.577,75	
001143	EP-AL 384-90-2-2.1-AWT	suitable for MWM TCG 2016 V08 and V12 Installation in heat exchanger DN 400	388×L96 mm	€1.695,00 Accessories: €2.000,70	
002553	EP-AL 432-90-2-2.1-AWT	suitable for MWM TCG 2016 V12 and V16 Installation in heat exchanger DN 450	436 x L 96 mm	€2.095,00 Accessories: €2.450,70	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de





Recycling (see page 23)

CATALYSTS FOR MWM ENGINES

installation in catalyst chamber

CATALYST

EP-AL 432-90-2-2.1-FL510 EP-AL 498-90-2-2.1-FL560

Use of 2 catalysts

suitable for ETW catalyst chamber







Article no.	Article name	Description	Dimension Ø	Price / piece	
002658	EP-AL 432-90-2-2.1-FL510	suitable for TCG 2016 V08 ETW for insertion into small ETW catalyst chamber	436 x L96 mm Outer flange Ø: 510 mm	€2.345,00 Accessories: €2.534,75	
000233	EP-AL 498-90-2-2.1-FL560	suitable for TCG 2016 V12 ETW for installation in centre ETW catalyst chamber	502 x L96 mm Outer flange Ø: 560 mm	€2.995,00 Accessories: €3.188,45	

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CATALYSTS FROM EMISSION PARTNER

for catalyst chambers

CATALYST

EP-AL 514-90-2-2.1 EP-AL 514-120-2-2.1

Use of 2 catalysts

Customised use depending on requirements







Article no.	Article name	Description	Dimension Ø	Price / piece	
000208	EP-AL 514-90-2-2.1	Catalyst disc for EP catalyst chamber suitable for Jenbacher 312, MWM TCG 2016 V12 from 600 to 830 kW	518 x L96 mm	€2.995,00 Accessories: €3.116,00	
000213	EP-AL 514-120-2-2.1	Catalyst disc for EP catalyst chamber suitable for MWM TCG 2016 V08 Motoren from 400 to 600 kW	518 x L126 mm	€3.995,00 Accessories: €4.116,00	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de



COMPACT CATALYST CHAMBER

all applications from 400 to 800 kW



EP-KK1 EVO BL660-DN250LF-FF

Minimum installation length 600 mm

Compact

construction

Number of Catalysts

depending on emission requirements





Article no.	Article name	Description	Dimension Ø	Price / piece	
004636	EP-KK1 evo BL660-DN250LF-FF	suitable for MWM TCG 2016 V12, Jenbacher 312 from 400 to 830 kW Connection flange DN250	Overall length Insertion chamber: 300 mm Minimum insertion length: 600 mm	€3.250,00	
008585	Mattress insulation for EP-KK1 evo BL660-DN250LF-FF	Multi-part mattress insulation, Silicone-coated outer fabric Temperature resistance: 700 °C	-	€1.995,00	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de



Recycling (see page 23)

OUR EXHAUST GAS AFTERTREATMENT SERVICE

your partner from consulting to maintenance



Emissions consulting

Emissions consulting is essential, as we can find the right systems, calibrations and catalysts for you. These are customised to your needs based on specific requirements and conditions. Our friendly team will also tell you what you need to know and what requirements there are on the subject of

emissions measurement.



Installation of catalysts

We offer professional installation of catalysts to reduce pollutant emissions. Emission Partner advises you on the optimal choice of catalyst based on specific requirements and conditions. We also service and maintain the catalyst systems to ensure sustainable operation.



Measurement and monitoring

Emission Partner carries out precise emission measurements using state-of-the-art measurement technology. In addition, emission sources are continuously monitored to ensure compliance with legal limits. We provide you with detailed reports and analyses for evaluating emission data.



Urea dosing systems

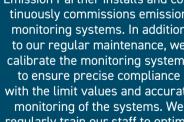
dosing system for effective NO_x reduction. Emission Partner regularly maintains and inspects the dosing system to ensure reliable performance. We are also constantly

optimising our dosing systems

to increase efficiency and reduce

urea consumption.

We build and install the urea





Maintenance of the systems

Emission Partner installs and continuously commissions emission monitoring systems. In addition to our regular maintenance, we calibrate the monitoring systems with the limit values and accurate monitoring of the systems. We regularly train our staff to optimise the use and monitoring of the systems.

49 | CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT | 50

MTU/MDE

Table of contents

Calysts for all MDE / MTU engines	Ę
Universal catalyst exchange systems	



AVAILABLE IMMEDIATELY

Catalysts for your standard engines are available from stock and can be packed and dispatched immediately after receipt of your order. This means you can receive your catalyst on your system in just a few working days. We attach great importance to uncomplicated and simple delivery. Would you like to order a large quantity of catalysts? - That's no problem for us! We dispatch these orders on a pallet using a forwarding agent.

CATALYSTS FOR ALL MDE / MTU ENGINES

suitable for the front head of the exhaust gas heat exchanger

WITH GAS TREATMENT

EP-AL 304-120-2-2.1-FL440-MDE3066 EP-AL 384-120-2-2.1-FL480-MDE3042

WITHOUT GAS TREATMENT

EP-ALHS 304-240-2-2.1-FL440-MDE3066 EP-ALHS 384-240-2-2.1-FL480-MDE3042

Accessories included

Version with fixed flange

suitable for all MDE 3066 and 3042







Article no.	Article name	Description	Dimension Ø	Price / piece	
000224	EP-AL 304-120-2-2.1-FL440-MDE3066	suitable for all MDE 3066 BHKW with gas treatment	308 x L126 mm	€2.595,00 Accessories: €2.870,90	
000223	EP-AL 384-120-2-2.1-FL480-MDE3042	suitable for all MDE 3042 BHKW with gas treatment	388 x L126 mm	€3.195,00 Accessories: €3.541,90	
000252	EP-ALHS 304-240-2-2.1-FL440- MDE3066	suitable for all MDE 3066 BHKW without gas treatment	308 x L252 mm	€3.395,00 Accessories: €3.670,90	
000251	EP-ALHS 384-240-2-FL480-MDE3042	passend für alle MDE 3042 BHKW ohne Gasaufbereitung	388 x L252 mm	€4.295,00 Accessories: €4.641,90	

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Recycling (see page 23)

UNIVERSAL EMISSION PARTNER

CATALYST EXCHANGE SYSTEMS

for all motor types up to 400 kW

CATALYST

EP-AL 273-90-2-2.0-WS1 EP-AL 304-120-2-2.1-WS2 EP-AL 384-150-2-2.1-WS3

Catalyst insert for EP exchange systems

sulphur-tolerant coating







Article no.	Article name	Description	Dimension Ø	Price / piece	
000182	EP-AL 273-90-2-2.0-WS1	Catalyst disc for interchangeable system 1 Item no. 306	277 x L100 mm	€1.195,00 Accessories: €1.344,70€	
000198	EP-AL 304-120-2-2.1-WS2	Catalyst disc for interchangeable system 2 Item no. 309	308×L126 mm	€2.195,00 Accessories: €2.354,70	
000454	EP-AL 384-150-2-2.1-WS3	Catalyst disc for interchangeable system 3 Item no. 313	388 x L156 mm	€3.095,00 Accessories: €3.273,26	

Are you looking for a suitable catalyst exchange system? Then get in touch with us!

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de



3 Delivery time in days Recycling (see page 23)

UNIVERSAL EMISSION PARTNER CATALYST EXCHANGE SYSTEMS

for all motor types up to 400 kW

EXCHANGE SYSTEM

On request!

measuring nozzle for control or temperature monitoring

variable installation length

2 clamping rings

separate catalyst change



LEISTUNGSBEREICH 100-500 KW FÜR MTU UND MAN MOTOREN

ZUVERLÄSSIGER, SCHNELLER SERVICE FÜR

IHR BHKW - ZU FAIREN KONDITIONEN!

Wartung

Austauschmotoren

Ersatzteile

Überholung/Reparatur

Abgas-/ Emissionsmessungen





2G

Table of contents

Catalyst Duo for all 2G Agenitor	
Catalyst Duo for all 2G avus	



EXCITING ASSEMBLY VIDEOS

In the new online shop you will find detailed technical data sheets containing all the information on each product, including details on material, dimensions and operating temperature. You can download the data sheets with just one click.

Take a look over the shoulders of our service technicians on the Emission Partner YouTube channel to install your catalyst yourself. All standard catalysts are represented. For more information, visit www.youtube.com/@emissionpartner!

CATALYSTS "DUO" FOR ALL 2G AGENITOR

suitable for exhaust gas heat exchangers

CATALYST

EP-AL 254-90-2-2.0-AWT EP-AL 304-90-2-2.1-AWT EP-AL 333-90-2-2.1-AWT

Slatted spring clip for optimum sealing and reduction of exhaust slip

Folding handles for secure mounting

Use of 2 catalysts

suitable for all V6, V8 and V12 cylinder Agenitor







Article no.	Article name	Description	Dimension Ø	Price / piece	
000192	EP-AL 254-90-2-2.0-AWT	replaces 2G part no. 61014-06281 suitable for Agenitor 206, 306, 406, 312 (4x), KWK BG 190	258 x L96 mm	€895,00 Accessories: €1.089,75	
000986	EP-AL 304-90-2-2.1-AWT	replaces 2G part no. 61014-08136 suitable for Agenitor 208, 308, KWK BG 250, 370	308 x L96 mm	€1.095,00 Accessories: €1.322,75	
000987	EP-AL 333-90-2-2.1-AWT	replaces 2G part no. 61014-05996 suitable for Agenitor 212 und 408	337 x L96 mm	€1.295,00 Accessories: €1.577,75	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de



Recycling (see page 23)

CATALYST "DUO" FOR ALL 2G AVUS

suitable for catalyst chambers

CATALYST

EP-AL 432-90-2-2.1-KP505 EP-AL 486-90-2-2.1-KP555 EP-AL 514-90-2-2.1-KP575 EP-AL 544-90-2-2.1-KP625 EP-AL 544-150-3-2.1-KP625

Handles for secure mounting

Use of **2 catalysts** per catalyst chamber







Article no.	Article name	Description	Dimension Ø	Price / piece	
002609	EP-AL 432-90-2-2.1-KP505	replaces 2G part no. 52040-00204 Use of 2 catalysts per chamber suitable for Jenbacher 312 and avus 500plus	436 x L96 mm 505 x 505 x 5 mm	€2.345,00 Accessories: €2.466,00	
001042	EP-AL 486-90-2-2.1-KP555	replaces 2G part no. 52040-00371 Use of 2 catalysts per chamber suitable for Jenbacher 312 and avus 500plus	490 x L96 mm 555 x 555 x 5 mm	€2.695,00 Accessories: €2.819,70	
001030	EP-AL 514-90-2-2.1-KP575	replaces 2G part no. 52040-00227 Use of 2 catalysts per chamber suitable Jenbacher 312, MWM TCG 2016 V12	518 x L96 mm 575 x 575 x 5 mm	€2.495,00 Accessories: €2.623,40	
000960	EP-AL 544-90-2-2.1-KP625	replaces 2G part no. 52040-00358 Use of 2 catalysts per chamber suitable for 2G avus 800, MWM TCG 2020 V12, MWM TCG 2020 V16 und Jenbacher 412	548 x L 96 mm 625 x 625 x 5 mm	€2.795,00 Accessories: €2.927,10	
001939	EP-AL 544-150-3-2.1-KP625	replaces 2G part no. 52040-00358 suitable for Jenbacher 412 Flexmotoren mit 901 kW	548 x L 96 mm 625 x 625 x 5 mm	€5.095,00 Accessories: €5.227,10	

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MAN

Table of contents

Catalysts for installation in exhaust gas heat exchangers
Catalysts for installation in the exhaust pipe
Catalysts for Geisberger engines
Catalysts for DQL catalyst chambers



INDIVIDUAL CUSTOMER AREA

Our online shop offers you a personalised customer area. Here you can easily view and manage your past orders with just one click. You can save products that you have selected as favourites or for a later purchase on your personal wish list. Easily update your contact details, delivery addresses and payment information. Correct data management ensures that your orders are processed quickly and smoothly.

CATALYSTS FOR INSTALLATION IN EXHAUST GAS HEAT EXCHANGERS

suitable for all MAN E28 engines

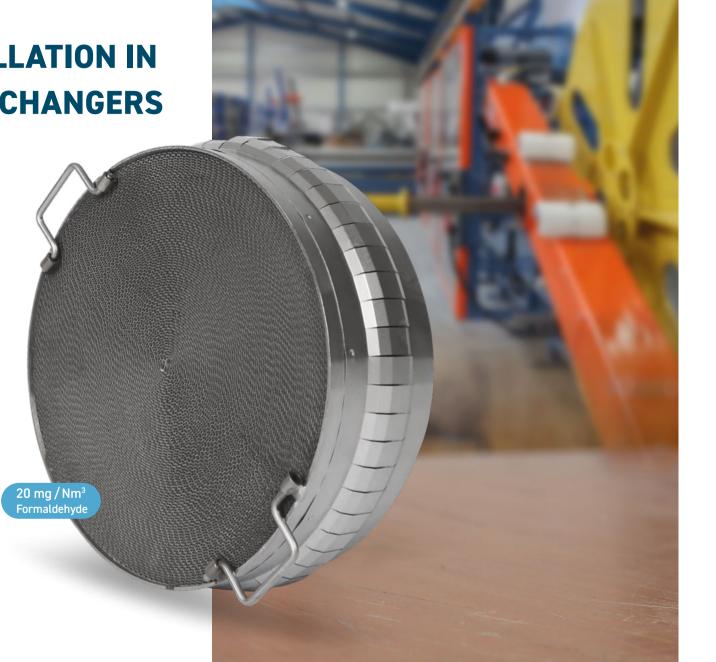
CATALYST

EP-AL 199-90-2-2.0-AWT EP-AL 254-120-2-2.1-AWT EP-AL 254-120-3-2.1-AWT EP-AL 304-120-2-2.1-AWT

Slatted spring clip for optimum sealing and reduction of exhaust slip

Folding handles for secure mounting

suitable for MAN E28 Serie







Article no.	Article name	Description	Dimension Ø	Price / piece	
000185	EP-AL 199-90-2-2.0-AWT	suitable for MAN 0836 Installation in heat exchanger DN 200	203 x L96 mm	€750,00 Accessories: €940,75	
000191	EP-AL 254-120-2-2.1-AWT	suitable for MAN Dreyer & Bosse 2842 and 2876 Installation in heat exchanger DN 250	258 x L126 mm	€1.250,00 Accessories: €1.444,75	
003305	EP-AL 254-120-3-2.1-AWT	suitable for MAN Dreyer & Bosse 2848 Installation in heat exchanger DN 250	258 x L126 mm	€ 1.450,00 Accessories: € 1.644,75	
000196	EP-AL 304-120-2-2.1-AWT	suitable for MAN 2842 and 2848 Installation in heat exchanger DN 300	308 x L126 mm	€1.695,00 Accessories: €1.922,75	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de



Recycling (see page 23)

CATALYSTS FOR INSTALLATION IN THE EXHAUST PIPE

catalyst with mounting accessories for MAN

CATALYST

EP-AL 254-90-2-2.1-BL300-DN100LF-UNI EP-AL 304-120-2-2.1-BL400-DN150LF-UNI

Use of 2 catalysts with dual exhaust system

Incuding

matching accessories

Version with loose flange for secure mounting

suitable for all MAN E28 and E32 Serie









Article no.	Article name	Description	Dimension Ø	Price / piece	
001917	EP-AL 254-90-2-2.1-BL300- DN100LF-Uni	Universal catalyst for MAN HAGL 2876, 2848 (2 x), 2842 (2 x) and various CHP manufacturers Universal flange DN 80/100 PN6/10/16 Installation length / flange distance: 300 mm incl. 2x socket M12	258 x L96 mm	Accessories: €895,00€	
002873	EP-AL 304-120-2-2.1-BL400- DN150LF-Uni	Universal catalyst for MAN HAGL 3268, 3262 and Dreyer & Bosse MAN 2848 und 2842 Universal flange DN 150 PN6 / PN10	310 x L126 mm	Accessories: €1.695,00€	

Installation length / flange distance: 400 mm

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de





CATALYSTS FOR GEISBERGER ENGINES

installation in flue gas pipes



EP-AL 254-120-2-GB

Catalyst disc with double cone

Version with loose flange for secure mounting

suitable for PowerMax 190kW







Article no.	Article name	Description	Dimension Ø	Price / piece	
000959	EP-AL 254-120-2-GB	suitable for Geisberger 190 kW PowerMax Catalyst disc with double cone	258 x L126 mm	€1.395,00 Accessories: €1.494,40	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de





CATALYSTS FOR GEISBERGER ENGINES

installation in flue gas pipes

CATALYST

EP-AL 402-120-2-3.0-BL180-DLF477-GB EP-AL 514-90-2-2.1-DFL580-GB

Oxidation catalyst with double flange

compact design

suitable for **PowerMax** up to 550kW







Article no.	Article name	Description	Dimension Ø	Price / piece	
000946	EP-AL 402-120-2-3.0-BL180- DLF477-GB	suitable for Geisberger 550 kW PowerMax Oxidation catalyst with double flange	406 x L126 mm Outer flange Ø: 477 mm Overall length: 180 mm	€2.495,00 Accessories: €2.734,00€	
001207	EP-AL 514-90-2-2.1-DFL580- GB	suitable for Geisberger 550 kW PowerMax Oxidation catalyst with double flange	518×L96 mm Outer flange Ø: 580 mm Overall length: 100 mm	€3.295,00 Accessories: €3.577,00	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de





CATALYSTS FOR DQL CATALYST CHAMBERS

universally applicable

CATALYST

EP-AL 216-90-2-2.1-DQL10 EP-AL 254-90-2-2.1-DQL12 EP-AL 288-90-2-2.1-DQL14 EP-AL 320-90-2-2.1-DQL15 EP-AL 362-90-2-2.1-DQL16 EP-AL 448-90-2-2.1-DQL18

Can be used in standard catalyst chambers with **slide-in** device or inspection cover

removable T-handle for mounting







Article no.	Article name	Description	Dimension Ø	Price / piece	
001033	EP-AL 216-90-2-2.1-DQL10	Catalyst disc with flange ring	220×L96 mm Outer flange Ø: 242 mm	€ 795,00 Accessories: € 874,85	
001025	EP-AL 254-90-2-2.1-DQL12	Catalyst disc with flange ring	258 x L96 mm Outer flange Ø: 280 mm	€ 995,00 Accessories: € 1.124,85	
001024	EP-AL 288-90-2-2.1-DQL14	Catalyst disc with flange ring	292×L96 mm Outer flange Ø: 313 mm	€1.195,00 Accessories: €1.374,85	
001353	EP-AL 320-90-2-2.1-DQL15	Catalyst disc with flange ring	324×L96 mm Outer flange Ø: 346 mm	€ 1.495,00 Accessories: € 1.495,00	
001034	EP-AL 362-90-2-2.1-DQL16	Catalyst disc with flange ring	366 x L96 mm Outer flange Ø: 388 mm	€ 1.950,00 Accessories: € 2.124,85	
001377	EP-AL 448-90-2-2.1-DQL18	Catalyst disc with flange ring	452xL96 mm Outer flange Ø: 474 mm	€2.595,00 Accessories: €3.043,35	

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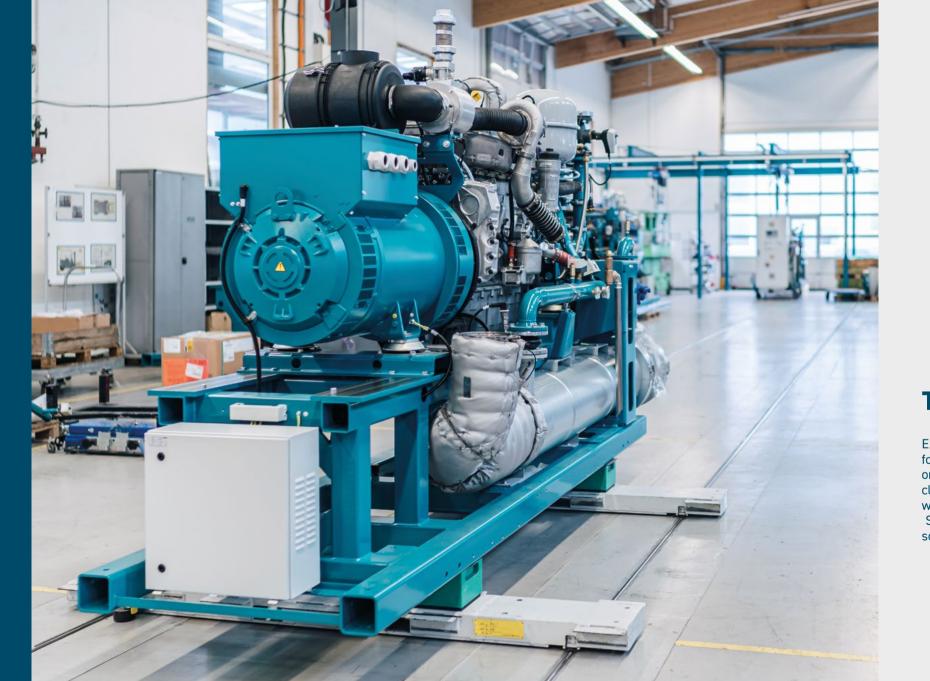




TEDOM/SCHNELL

Table of contents

Catalyst for slide-in chambers	
Tedom / SCHNELL exchange systems	
Insulation for exchange systems	



THE SUPPORT

Expert advice is particularly important when things get complicated, for example when it comes to emissions. Our field service is organised on a decentralised basis and a technical service consultant is also close to you. In addition, our office staff from Hanover will support you with your questions as usual.

Simply get in touch with us via the shop and take advantage of personalised advice.



installation in catalyst chambers



EP-AL 402-120-2-3.0-ME176-KP444X464-S

on slide-in plate

compact design

suitable for all

SCHNELL up to 265 kW

with slide-in chamber







Article no.	Article name	Description	Dimension Ø	Price / piece	
003558	EP-AL 402-120-2-3.0-ME176-KP444x464-S	Catalyst disc on catalyst plate	406 x L 126 mm	€2.495,00	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de





Recycling (see page 23)

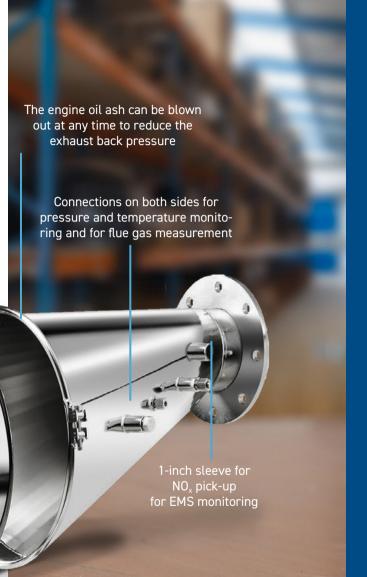
TEDOM TEDOM/SCHNELL

EXCHANGE SYSTEM The catalyst insert can be replaced separately from the housing using two clamping

Coating

for better inflow Sulphur-tolerant

Integrated flow distributor





INSULATION FOR

SCHNELL quick-change systems

INSULATION

EP-IS SCHNELL

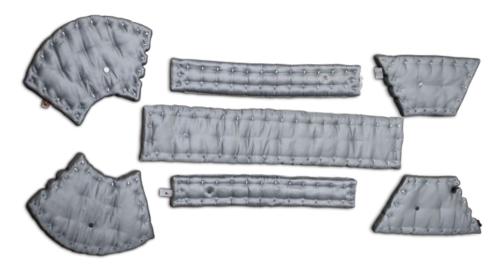
multi-part mattress insulation

easy assembly

suitable for all **SCHNELL catalyst**

including winding wire





Article no.	Article name	Description	Price / piece	
000294	EP-IS SCHNELL	1x centre section half; 2x cone half bottom; 2x cone half top; 2x flange insulations DN125; 1x stainless steel winding wire	€795,00	

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3 Delivery time in days Recycling (see page 23)

SCR EXHAUST GAS AFTERTREATMENT

Table of contents

SCR exhaust gas aftertreatment - retrofitting your engines	8
SCR Double Stack	8
Metal-based SCR catalysts	9
Full extrudate-based SCR catalysts	9



CONTINUOUS IMPROVEMENT

Would you like to find more products in the online shop or in the Emission Partner product catalogue? Do you have topics or news that you would like to see in our catalogue?

Then write to us! We are grateful for any suggestions and are constantly optimising our appearance.

SCR EXHAUST GAS AFTERTREATMENT RETROFITTING YOUR ENGINES

everything from one source

For almost 15 years, we have been one of Europe's leading exhaust gas aftertreatment specialists for combined heat and power plants of various gas types, thus reducing emissions sustainably. Together with our network of certified service partners, we can support our customers directly on site.

With our many years of experience, we support our customers in retrofitting SCR exhaust gas systems to ensure compliance with legal emission requirements. We are your partner in all areas of SCR exhaust gas aftertreatment. From customised advice, the design of new products and the manufacture of individual components to installation, maintenance and emission measurement.

If a catalysts housing is already available, our catalysts and the SCR control unit can be easily retrofitted. Depending on the engine type, we offer metal or fully extruded catalysts. All SCR projects are individually advised and supervised by an experienced local employee.

If required, we can take on the entire conversion including pipework construction and insulation work. At Emission Partner, we have successfully retrofitted more than 300 existing engines of various applications and engine types with SCR exhaust gas aftertreatment.

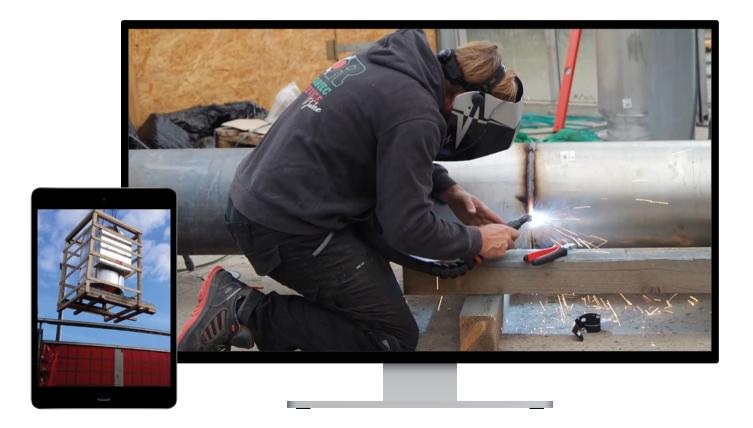
Take advantage of our experience for the successful and safe retrofitting of your systems.







ASSEMBLY VIDEOS



SCR DOUBLE STACK

for all CHP units up to 370 kW

The super compact SCR exhaust gas aftertreatment system from Emission Partner for all CHP units up to 370 kW. Suitable for retrofitting to existing engines to ensure compliance with the reduced nitrogen oxide emissions in accordance with the 44th BlmSchV.

- Variable pipe connections
- Simple assembly
- ◆ Internal dual-flow design
- Low-noise operation
- Compact design











SCR CATALYSTS METAL-BASED

suitable for standard chambers

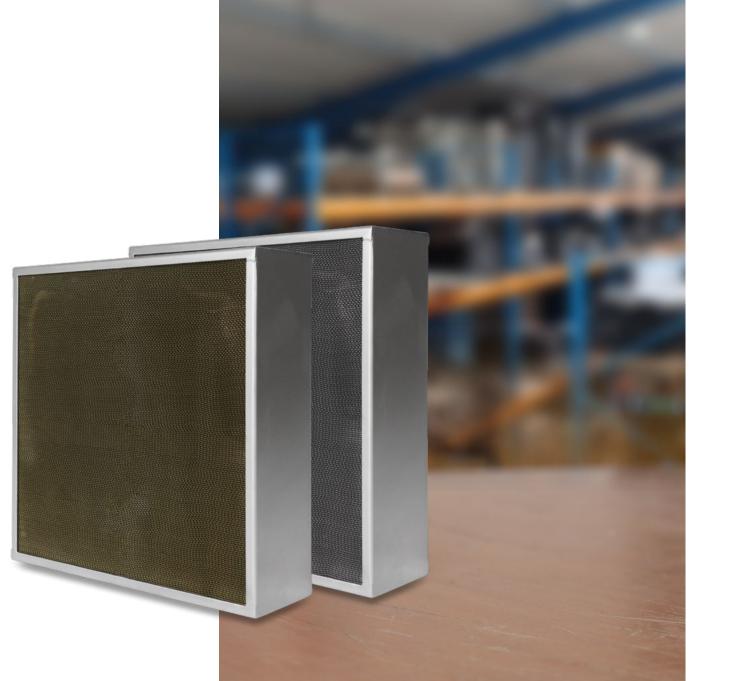
CATALYST

EP-SCR 311x311-90-2 EP-ALS 311x311-90-2 EP-AL 311x311-90-2

standard dimensions

compact Design

different coatings possible





Article no.	Article name	Description	Dimension Ø	Price / piece	
006766	EP-SCR 311x311-90-2	metal-based catalyst	Frame: 315 x 315 x L96 mm Matrix: 311 x 311 x L90 mm Cell density: 200 cpsi	€375,00	
001374	EP-ALS 311x311-90-2	metal-based catalyst	Frame: 315 x 315 x L96 mm Matrix: 311 x 311 x L90 mm Cell density: 200 cpsi	€650,00	
002611	EP-AL 311x311-90-2	metal-based catalyst	Frame: 315 x 315 x L96 mm Matrix: 311 x 311 x L90 mm Cell density: 200 cpsi	€750,00	

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SCR CATALYSTS BASED ON FULL EXTRUDATE

suitable for standard chambers

CATALYST

EP-SCR 2X2 150X150-300/50X50-KK EP-ASC 2X2 150X150-300/50X50-KK-100

highly porous full extrudate

standard dimensions

compact design

different

coatings possible





Article no.	Article name	Description	Dimension Ø	Price / piece	
000819	EP-SCR 2x2 150x150-300/50x50-KK	Catalyst based on full extrudate	Frame: 315 x 315 x L303 mm Beam: 4 Elements 311 x 311 L300 mm Cell density: 50x50 Cells	€405,00	
004250	EP-ASC 2x2 150x150-300/50x50-KK-100	Catalyst based on full extrudate	Frame: 315 x 315 x L303 mm Beam: 4 Elements 311 x 311 L300 mm Cell density: 50x50 Cells	€750,00	

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Recycling (see page 23)

EMISSION MEASUREMENT

Table of contents

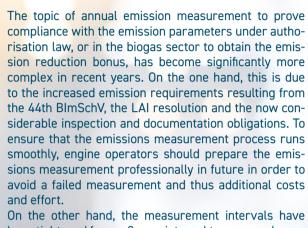
Emission measurement - preparation is everything!	96
Exhaust gas measurement	98
	10
Formaldehyde Schnelltester 2.0	10
EMI-LOG	10



EMI-LOG CUSTOMER PORTAL

Our EMI-LOG customer portal 'EMI-VIEW' gives you a precise overview of all the operating data of your EMI-LOG. If you have several EMI-LOGs in operation, several emission monitoring systems can also be added. In the portal, you will find detailed information about warnings and alarms as well as your monthly measurement reports as PDF files, which you can submit to the authorities. To be informed about the operation of your system at all times, you can enter your e-mail address in the portal. As soon as an alarm occurs, you will receive a warning directly by e-mail.





been tightened from a 3-year interval to an annual measurement, primarily in the sewage gas and special gas sectors. This is increasingly leading to a bottleneck in the measuring capacities of accredited measuring institutes. We can therefore only recommend that every operator carry out the upcoming annual emission measurement as early as possible in the year and, ideally, secure the measurement capacity and the current price as part of a long-term contract.

The documentation and reporting obligations for the annual emissions measurement have been significantly extended by the 44th BlmSchV. When measuring biogas plants, the measuring institute must check and evaluate the decision criteria for receiving the emission reduction bonus in a separate system for each individual engine. The documents that you as the operator must submit for the measurement date can be found in the overview.

What does the operator have to submit at the measurement date for engines that are subject to the 44th BlmSchV?

Logbook according to VDMA 2699 no. 5.1

Documentation of engine maintenance and catalysts change

Proof of sealing and data sheets for the catalysts

Documentation of NO, and temperature monitoring including records of downtime hours

Documentation of the monthly sulphur measurements

From the experience of > 1,800 emission measurements carried out annually, we know what is important and have created a service procedure for a successful emission measurement. You too can rely on our experience and ensure a successful emission measurement.

Matthias Wawra

Head of Sales / Authorised signatory from Emission Partner GmbH & Co. KG





MEASURES FOR A SUCCESSFUL MEASUREMENT



Catalyst replacement before measurement

measurement



CHP maintenance before the measurement





Maintenance NO. monitoring and SCR system



Complete documentation on the measurement date



Pre-measurement catalyst with Formaldehyde Schnelltester 2.0

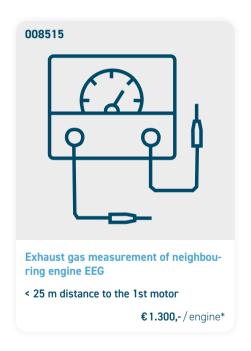


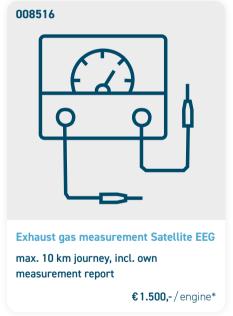
SECURE MEASURING CAPACITY EARLY NOW

exhaust gas measurement









All prices plus VAT / *plus individual additional services

EMISSION PARTNER

HERSTELLERUNABHÄNGIG. OPTIMALE ABGASNACHBEHANDLUNG FÜR EINE SAUBERE MESSUNG.

IHR PARTNER IN SACHEN ABGASNACHBEHANDLUNG

Um die strengeren Emissionsanforderungen sicher einzuhalten, müssen Sie optimal auf die Messtermin vor.

actuativerordoung (46. BlinSchly) im Juni 2019 Das perfekte Zusammenspiel aus einer gut vorbereiteten Abgasmessung, einem

wurden auch die Messintervalle für Abgasmessungen angepasst. Eine jährliche hochwertigen Katalysator verbunden mit einer optimalen Motoreneinsstellung sichert allen

Abgasmessung für die Emissionsparameter Stickstoffonid, Kohlenmonoxid und Formaldehyd Motorenbetreibern die sichere Einhaltung der behördlichen Anforderungen und ist ab sofort für Stationärmotoren, unabhängig welcher Gasart, verpflichtend. Dies gilt auch Biogasbetreibern die Aufrechterhöltung des Emissionsminderungsbonus.

für Motoren die nicht den Emissionsminderungsbonus gemäß EEG erhalten. Alle drei Jahre Emission Partner bletet in Zusammenarbeit mit den besten Messinstituten Deutschlands

müssen zusätzlich Schwefelooid und Staub (nur bei Zündstrahlmotoren) gemessen werden. diese Emissionsmessungen an und bereitet die Betreiber optimal auf diesen wichtigen

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maximum safety for annual emissions measurement



006393

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Manual, sample probe with integrated pump, photometer with charger, flow meter, distilled water, accessories



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hotometer





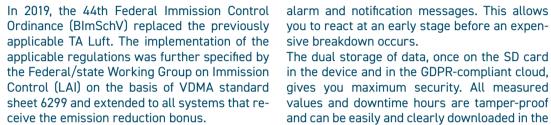






MONITORING MADE EASY - EMI-LOG

modular – compakt – reliable



EMI-LOG from Emission Partner has been avai-Table since 2019. It was launched on the market to offer you as an operator a simple, stable and functional solution. With each additional requirement, such as VDMA standard sheet 6299 and most recently the LAI enforcement notice, the system has been further developed and offers a customised product for every application. The table 'EMI-LOG variants and their advantages' provides an overview.

EMI-LOG is a self-sufficient system that is independent of the engine manufacturer. Operators with motors from several manufacturers in particular therefore have a standardised monitoring system and therefore less effort.

With all products, you always have the option of accessing your data online via the EMI-View customer portal. Encrypted and GDPR-compliant, you can view the current status and measured values of your system. You are always well informed thanks to customised warning.



alarm and notification messages. This allows sive breakdown occurs.

The dual storage of data, once on the SD card in the device and in the GDPR-compliant cloud. gives you maximum security. All measured values and downtime hours are tamper-proof and can be easily and clearly downloaded in the form of a monthly and annual report. This reduces the effort involved in the annual plausibility check and avoids additional costs.

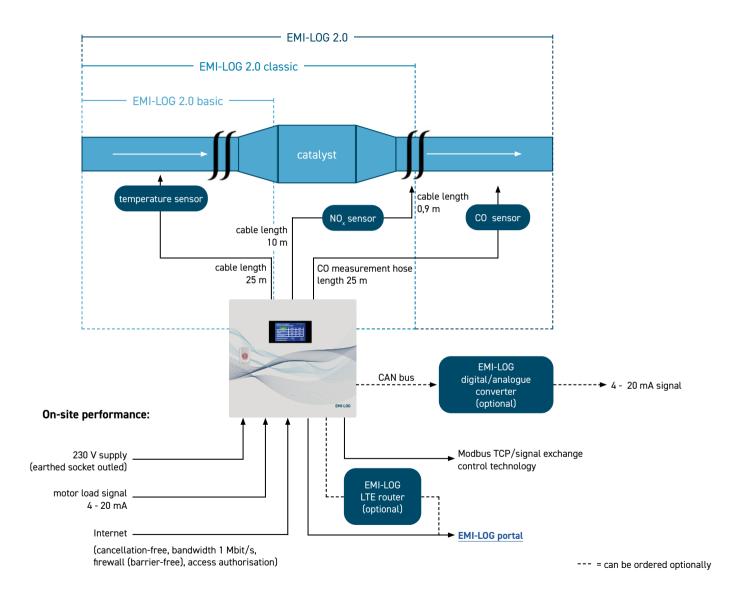
From 1 January 2023, all systems approved under building law that receive the emission reduction bonus must provide evidence of continuous recording of the catalytic converter

temperatures in accordance with the LAL The product for this application is the 'EMI-LOG basic'. Thanks to its modular design, it can be expanded with a NOx or CO sensor at any time. This means you are ideally equipped for future adaptations.

You too can rely on our experience with more than 3,000 continuous monitoring systems in operation. A well-established network of service partners is at your side for installation. operation and maintenance.

Features	EMI-LOG basic	EMI-LOG classic	EMI-LOG
NO _x sensor	optionally retrofittable	✓	✓
Temperature sensor	✓	✓	✓
CO sensor	optionally retrofittable	optionally retrofittable	✓
Professional installation / commissioning*	optional	optional	optional
Digital measurment report	optional add-on	optional add-on	optional add-on
Cloud data backup (DSGVO compliant)	✓	✓	✓

^{*} Installation and commissioning of the different EMI-LOG variants must be carried out by authorised specialist personnel



103 | CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT | 104

EMI-LOG 2.0

one product for all (application) cases



003568

EMI-LOG basic

For systems in the area of application according to building law (< 1 MW FWL)

Temperature sensor: Proof of the proper operation of your exhaust gas aftertreatment system

€2.200,-/piece

004178

EMI-LOG classic 2.0

For systems within the scope of the 44th BlmSchV (> 1 MW FWL)

Temperature sensor: Proof of the proper operation of your exhaust gas aftertreatment system

NO_x sensor: Continuous documentation of the nitrogen oxide nitrogen oxide emissions of your CHP

€2.700,-/piece

004968

EMI-LOG 2.0

Complete emission monitoring with CO monitoring

Temperature sensor: Proof of the proper operation of your exhaust gas aftertreatment system

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CO sensor: Monitoring the function of the exhaust gas aftertreatment system

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Available immediately



Fulfils the requirements of the 44th BlmSchV





ACCESSORIES

Table of contents

Activated carbon	
Flat gaskets	
Screws and bolts	
Seal sets	
Clamping rings	
Other products	



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- For safe gas treatment
- Protects the catalysts
- User-friendly BIG BAG



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Article no.	Article name	Description	Amount	Price / piece	
000542	Activated carbon 25 kg	Activated carbon in 25 kg bag	25 kg	€135,00	
000796	Activated carbon 500 kg BIG BAG	Activated carbon 500 kg in BIG BAG dispatch only on pallet	500 kg	€1.795,00	

Assembly, sales und service by Phone: +49449892326-26 or by e-mail: shop@emission-partner.de



3 Delivery time in days

FLAT GASKETS







Article no.	Article name	Description	Dimension Ø	Price / piece	
002643	Universal flat gasket DN200	Material strength: 2 mm: BC Ø: 270 mm Drill holes: 12 x Ø 12 mm	Outer diameter: 300 mm	€37,95	
002639	Universal flat gasket DN250	Material strength: 2 mm; BC Ø: 325 mm Drill holes: 12 x Ø 12 mm	Outer diameter: 355 mm	€41,95	
002640	Universal flat gasket DN300	Material strength: 2 mm; BC Ø: 375 mm Drill holes: 12 x Ø 12 mm	Outer diameter: 405 mm	€74,95	
002638	Universal flat gasket DN350	Material strength: 2 mm; BC Ø: 410 mm Drill holes: 16 x Ø 12 mm	Outer diameter: 440 mm	€99,95	
002641	Universal flat gasket DN400	Material strength: 2 mm; BC Ø: 460 mm Drill holes: 16 x Ø 12 mm	Outer diameter: 490 mm	€109,95	
002642	Universal flat gasket DN450	Material strength: 2 mm; BC Ø: 510 mm Drill holes: 20 x Ø 12 mm	Outer diameter: 540 mm	€119,95	

Note: Values shown may vary. Current prices in the online shop: www.shop.emission-partner.de

Delivery time in days

All prices plus VAT

CLAMPING RINGS



M00127

Article no.	Article name	Description	Price / piece	
M00298	EP-283-71 clamping ring WS1	Dimensions: DN283 made of slit strip 20 x 1.5 mm; \emptyset 279 mm consisting of: 2 x saddles in folded design type A5B in 1.4301; 1x quick-release fastener with counter hook in 1.4301 incl. additional holes for seals; 1x screws M8 & 60 incl. 2 mm hole; 1x rotating part \emptyset 8.5 in 1.4301; 1x rotating part M8 in 1.4301	€54,90	
M00277	EP-314-71 clamping ring WS2	Dimensions: DN314 made of slit strip 20 x 1.5 mm; \emptyset 310 mm consisting of: 2 x saddles in folded design type A5B in 1.4301; 1x quick-release fastener with counter hook in 1.4301 incl. additional holes for seals; 1x screw M8 & 60 incl. 2 mm hole; 1x rotating part \emptyset 8.5 in 1.4301; 1x rotating part M8 in 1.4301	€59,90	
M00127	EP-397-71 clamping ring WS3	Dimensions: DN397 made of slit strip 20 x 1.5 mm; Ø 390 mm consisting of: 2 x saddles in folded design type A5B in 1.4301; 1x quick-release fastener with counter hook in 1.4301 incl. additional holes for seals; 1x screw M8 & 60 incl. 2 mm hole; 1x rotating part Ø 8.5 in 1.4301; 1x rotating part m8 in 1.4301	€64,90	

Note: Values shown may vary. Current prices in the online shop: www.shop.emission-partner.de



3 Delivery time in days

All prices plus VAT

Accessories

SEAL SETS





Article no.	Article name	Description	Price / piece	
001747	Seal set exchange system	2x wire rope seal 1.5 mm x 300 mm rope length	€9,95	
001745	Seal set M8 / M10	2x M8 and M10 split-pin bolts, each 50 mm long, incl. 2 nuts $&$ 2 spring washers, wire seal 1.5 mm x 300 mm cable length, handout	€14,95	
001746	Seal set M12/M16/M20	2 x M12 split-pin bolts 50 mm long, M16 and M20 60 mm long Length incl. 2 spring washers & 2 nuts each, wire rope seal 1.5 mm x 300 mm rope length, handout	€19,95	

Note: Values shown may vary. Current prices in the online shop: www.shop.emission-partner.de Seals on catalytic converters may only be carried out by certified specialist companies. Information at www.verplombe.de

001745

SCREWS

Accessories



002835

Article no.	Article name	Description	Price / piece	
002833	M10 x 45 bolt package heat-resistant AWT DN200 / DN250 / DN300	12 x hexagon head screw M10 x 45 heat-resistant to DIN 933 in 1.7709 12 x matching spring washer M10 DIN 127 8.8 galvanised 12 x hexagon nut M10 ISO 4032 heat-resistant to DIN 934 in 1.7709	€109,95	
002835	M10 x 45 bolt package heat-resistant AWT DN350 / DN400	16 x hexagon head screw M10 x 45 heat-resistant to DIN 933 in 1.7709 16 x matching spring washer M10 DIN 127 8.8 galvanised 16 x hexagon nut M10 ISO 4032 heat-resistant to DIN 934 in 1.7709	€139,95	
002836	M10 x 45 bolt package heat-resistant AWT DN450	20 x hexagon head screw M10 x 45 heat-resistant to DIN 933 in 1.7709 20 x matching spring washer M19 DIN 127 8.8 galvanised 20 x hexagon nut M10 ISO 4032 heat-resistant to DIN 934 in 1.7709	€179,95	
002837	M12 x 50 bolt package heat-resistant AWT JB312	20 x hexagon head screw M12 x 50 heat-resistant to DIN 933 in 1.7709 20 x matching spring washer M12 DIN 127 20 x hexagon nut M12 heat-resistant to DIN 934 in 1.7709	€149,00	

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3 Delivery time in days

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OTHER PRODUCTS

Further products in our online shop: shop.emission-partner.de

000285

Article no.	Article name	Description	Price / piece	
000817	Ceramic paste HT1100	Tube with 500 g Resistant up to 1100°C	€15,00	
000322	Keraband 14x4 mm	For sealing catalysts and catalyst housings Resistant up to max. 1200 °C	€4,50	
M00906	HT glass tape 2000 x 30 x 1,5 mm	For sealing catalyst chambers, self-adhesive on one side	€12,95	
M00331	HT glass tape 6000 x 30 x 1,5 mm	For sealing catalyst chambers, self-adhesive on one side	€24,50	

Article no.	Article name	Description	Price / piece	
000462	Sealing cord Ø 12 mm	Lateral sealing of the catalyst in the housing	€14,95	
002792	Mounting kit	consisting of hand brush with steel wire, nylon assembly gloves (size 10), copper paste 100 g	€14,95	
000285	EP-IS for universal catalyst small	suitable for EP-AL 254-90-2-DN100-300	€480,00	
000584	EP-IS for universal catalyst big	suitable fr EP-AL 304-120-2-DN150-400	€630,00	

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Delivery time in days

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115 | CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT

CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT | 116

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117 | CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT CATALYSTS AND ACCESSORIES FOR YOUR CHP UNIT | 118

INDEX

А		
Act	ivated carbon 25 kg	109
Act	ivated carbon 500 kg BIG BAG	109
C		
	alyst chamber EP-KK1 evo BL660-DN250LF-FF	
Cat	alyst EP-AL 199-90-2-2.0-AWT	67
	alyst EP-AL 216-90-2-2.1-DQL10	
	alyst EP-AL 254-90-2-2.0-AWT	
	alyst EP-AL 254-90-2-2.1-BL300-DN100LF-Uni	
	alyst EP-AL 254-90-2-2.1-DQL12	
Cat	alyst EP-AL 254-120-2-2.1-AWT	67
Cat	alyst EP-AL 254-120-2-GB	71
Cat	alyst EP-AL 254-120-3-2.1-AWT	67
Cat	alyst EP-AL 273-90-2-2.0-WS1	55
Cat	alyst EP-AL 288-90-2-2.1-DQL14	75
Cat	alyst EP-AL 304-90-2-2.1-AWT	61
	alyst EP-AL 304-120-2-2.1-AWT	
	alyst EP-AL 304-120-2-2.1-BL400-DN150LF-Uni	
Cat	alyst EP-AL 304-120-2-2.1-FL440-MDE3066	53
Cat	alyst EP-AL 304-120-2-2.1-WS2	55
Cat	alyst EP-AL 311 x 311-90-2	91
Cat	alyst EP-AL 320-90-2-2.1-DQL15	75
Cat	alyst EP-AL 333-90-2-2.1-AWT	41, 61
Cat	alyst EP-AL 362-90-2-2.1-DQL16	75
Cat	alyst EP-AL 384-90-2-2.1-AWT	41
Cat	alyst EP-AL 384-120-2-2.1-FL480-MDE3042	53
Cat	alyst EP-AL 384-150-2-2.1-WS3	55
Cat	alyst EP-AL 362-90-2-2.1-DQL16	75
Cat	alyst EP-AL 402-120-2-3.0-ME176-KP444x464-S	79
Cat	alyst EP-AL 402-120-2-3.0-BL180-DLF477-GB	73

Catalyst EP-AL 432-90-2-2.1-AWT	41
Catalyst EP-AL 432-90-2-2.1-FL510	. 43
Catalyst EP-AL 432-90-2-2.1-KP505	. 63
Catalyst EP-AL 448-90-2-2.1-DQL18	. 75
Catalyst EP-AL 486-90-2-2.1-KP555	. 63
Catalyst EP-AL 496-120-3-2.1-ME387-FL519-S	. 35
Catalyst EP-AL 498-90-2-2.1-FL560	. 43
Catalyst EP-AL 514-75-2-2.1-AWT	. 33
Catalyst EP-AL 514-90-2-2.1	. 45
Catalyst EP-AL 514-90-2-2.1-DFL580-GB	. 73
Catalyst EP-AL 514-90-2-2.1-KP575	
Catalyst EP-AL 514-120-2-2.1	
Catalyst EP-AL 514-120-2-2.1-FL680	
Catalyst EP-AL 544-90-2-2.1-FL680	. 37
Catalyst EP-AL 544-90-2-2.1-KP625	
Catalyst EP-AL 544-120-2-2.1-FL680	
Catalyst EP-AL 544-150-3-2.1-KP625	
Catalyst EP-AL 604-90-2-2.1-FL680	
Catalyst EP-AL 604-120-2-2.1-FL680	. 37
Catalyst EP-ALHS 304-240-2-2.1-FL440-MDE3066	. 53
Catalyst EP-ALHS 384-240-2-FL480-MDE3042	
Catalyst EP-ALS 311 x 311-90-2	
Catalyst EP-ASC 2x2 150x 150-300 / 50x 50-KK-100	
Catalyst EP-SCR 2x2 150x 150-300 / 50x 50-KK	
Catalyst EP-SCR 311 x 311-90-2	91
Ceramic paste HT1100	
Clamping ring EP-283-71 Clamping ring WS1	
Clamping ring EP-314-71 Clamping ring WS2	
Clamping ring EP-397-71 Clamping ring WS3	111

E	
EMI-LOG 2.0	104
EMI-LOG basic	104
EMI-LOG classic 2.0	104
EP-IS for universal catalyst large	115
EP-IS for universal catalyst small	
Exhaust gas measurement 1st engine EEG	
Exhaust gas measurement of neighbouring engine EEG	
Exhaust gas measurement Satellite EEG	98
F	
·	100
Formaldehyde Schnelltester 2.0	100
Н	
HT glass tape 2000x30x1,5 mm	11./.
HT glass tape 2000x30x1,5 mm	
TTT glass tape 0000x30x1,5 mm	114
Insulation EP-IS SCHNELL	83
K	
Keraband 14x4mm	114
M	
Mattress insulation for EP-KK1 evo BL660-DN250LF-FF	47
Mounting kit	115
6	
S	
Screw set M10x45 heat-resistant AWT DN200/DN250/DN300.	
Screw set M10x45 heat-resistant AWT DN350/DN400	
Screw set M10x45 heat-resistant AWT DN450	113

rew set M12x50 heat-resistant AWT JB312	113
al set exchange system	112
al set M12/M16/M20	112
al set M8/M10	112
aling cord Ø 12 mm	115
niversal flat gasket DN200	110
niversal flat gasket DN250	110
niversal flat gasket DN300	110
niversal flat gasket DN350	110
niversal flat gasket DN400	110
niversal flat gasket DN450	110

Used catalyst recycling...





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