

The manufacturer

Metallwarenfabrik Gemmingen GmbH produces generators, generator systems and components for the electrical engineering industry in three separate plants. Founded in 1961, the company began producing blanks and die-cast parts for the electrical industry in the same year. Shortly afterwards, it launched the production of the entire IEC engine series together with the development of integral solutions for the electromotor industry.



In 1982 a new production branch had been developed: the manufacture of **GEKO** Powergenerating sets driven by Petrol or Diesel engines.



The company was quick to respond to the political and economic changes and the opening up of the Eastern European markets in the early 90s and set up a new branch in Hungary for the production of die-cast parts.



In 1998, it took over the generator business of Robert Bosch GmbH, whereupon the product line reverted to its original brand name "EISEMANN".

From planning to production, a workforce of almost 350 has won world-wide recognition for its record achievements. All components are sourced in-house, with state-of-the-art production, storage and communication technology ensuring instant part availability. All the company's activities are devoted to power generation - a field in which it has specialised for many years, giving it ample experience to draw on in the design of new products.

Know-how

Thanks to this experience, the advice of our generator design specialists is internationally sought after, whether for tricky customisations or complex military applications. The high standards set and the versatile solutions devised by our engineers and technicians have a long-term impact on our series production. Experience and know-how, constructive ideas and practical research are reflected in a product range which meets top standards and guarantees reliable everyday service.

Quality

At Metallwarenfabrik Gemmingen, the high standard internationally associated with goods "made in Germany" has always spurred us on to ever greater achievements. That's why quality assurance plays such an important role for us. **GEKO** and **EISEMANN** generators undergo several quality checks during the production process. Our components have to pass the most stringent functional tests on modern test benches, using a quality assurance system based on the ISO 9002 standard.

Guarantee

All of our generators are subject to a 1-year works guarantee. Only a manufacturer who offers a truly reliable product range based on careful workmanship and comprehensive quality control can offer such an assurance. Should a defect nevertheless be discovered, even after the guarantee has expired, we make every effort to solve the problem quickly through our authorised service centre network.

Service

GEKO and **EISEMANN** generators are only available through qualified dealers. Your dealer is your competent partner for sales and service. As you will see, there are few manufacturers who take so much trouble to provide you with background information and practical demonstrations of the advantages of **EISEMANN** systems for individual applications. In this way, we aim to spare you the headache of bad investments and make sure you get the ideal generator for your application. Your dealer is also there for you in case of guarantee claims, maintenance or trouble-shooting. He will ensure quick, straightforward repairs so that your appliance is ready for use again in next to no time.



*Superior in
generator systems
for military purposes*

Metallwarenfabrik Gemmingen GmbH

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Generator systems for military applications

| Year | Generator system | Country |
|------|--------------------------|-------------|
| 1986 | SEA 1,9 kW | Germany |
| 1986 | SEA 2,2 kW | Germany |
| 1987 | SEA 12 kW | Germany |
| 1988 | MS-41-0 | Austria |
| 1989 | MS-45-0 | Austria |
| 1991 | 4000 E-A/HHBA/NLM | Netherlands |
| 1993 | 18000 ED-S/HEDA/F | Netherlands |
| 1994 | 30000 ED-S/HEDA | Netherlands |
| 1994 | MS-75 kVA | Austria |
| 1995 | MS-45A-0 | Austria |
| 1999 | 6500 ED-A/HHBA | Latvia |
| 1999 | 3000 E-A/HHBA | Latvia |
| 2000 | MS-51-0 | Austria |
| 2000 | 3300 E-AA/ZED/NLM | Netherlands |
| 2000 | 50000 ED-S/DEDA | Switzerland |
| 2001 | 13002 ED-S/SEBA | Russia |
| 2002 | 9001 ED-AA/ZEDA | Poland |
| 2004 | 6001 ED-AA/ZED | Czechia |
| 2005 | 6401 ED-AA/ZED | Russia |
| 2005 | 50000 ED-S/DEDA | Switzerland |
| 2006 | 6401 ED-AA/ZED | Germany |
| 2006 | 30000 ED-S/DEDA | Germany |
| 2008 | 6000 ED-A/LEDA-II | Switzerland |
| 2010 | SEA 2kW 230V WS / 28V GS | Germany |
| 2010 | 2500 E-A/HHBA SS | Switzerland |

SEA 5kW 400V WS/28V GS tragbar

| | |
|-------------------|-------------------------------|
| Typ | 6115-12-383-0910 |
| NSN | Hatz 1B50 |
| Engine type | 2400 - 3150 min ⁻¹ |
| speed | 400/230V |
| voltage 3~/1~ | 6,3 kVA |
| Electric output | 50 Hz |
| frequency | 720 mm |
| Length | 550 mm |
| Width | 615 mm |
| Height | bis 15° |
| max. angle | -25°C /+40°C |
| Temp. range | 120 kg |
| Weight | 95 dB |
| Sound power level | |



| | |
|-------------------|------------------------|
| Typ | 50000 ED-S/DEDA |
| ALN | 762-4836 |
| Engine Type | Deutz BF4M1013E |
| speed | 1500 min ⁻¹ |
| voltage 3~/1~ | 400/230V |
| Electric output | 50 kVA/cos φ 0,8 |
| frequency | 50 Hz |
| Length | 2650 mm |
| Width | 1020 mm |
| Height | 1470 mm |
| max. angle | bis 7,5° |
| Temp. range | -30°C /+50°C |
| Weight | 2000 kg |
| Sound power level | 95 dB |

13002 ED-S/SEBA

| | |
|-------------------|-------------------------------|
| Typ | B&S 380447 |
| Engine type | 1500 - 3150 min ⁻¹ |
| speed | 400/230V |
| voltage 3~/1~ | 13 kVA |
| Electric output | 50 Hz |
| frequency | 820 mm |
| Length | 440 mm |
| Width | 580mm |
| Height | bis 15° |
| max. angle | -25°C /+40°C |
| Temp. range | 150 kg |
| Weight | 84 / 91 dB |
| Sound power level | |



6000 ED-A/LEDA-II

| | |
|-------------------|------------------------|
| Typ | Lombardini 15LD440 |
| Engine typ | 3000 min ⁻¹ |
| speed | 400/230V |
| voltage 3~/1~ | 6,0 kVA |
| Electric output | 50 Hz |
| frequency | 1010 mm |
| Length | 640 mm |
| Width | 800 mm |
| Height | bis 15° |
| max. angle | -20°C /+40°C |
| Temp. range | 235 kg |
| Weight | 93 dB |
| Sound power level | |



| | |
|-------------------|------------------------|
| Typ | MS-45A-0 |
| NSN | 6115-0-050-0162 |
| Engine typ | Honda GX160 |
| speed | 3000 min ⁻¹ |
| voltage 1~ | 230V |
| Electric output | 2,5 kVA |
| frequency | 50 Hz |
| Length | 515 mm |
| Width | 380 mm |
| Height | 425 mm |
| max. angle | bis 15° |
| Temp. range | -25°C /+50°C |
| Weight | 54 kg |
| Sound power level | 96 dB |

3300 E-AA/ZED

| | |
|-------------------|------------------------|
| Typ | Hatz 1B30 |
| Engine typ | 3000 min ⁻¹ |
| speed | 230V |
| voltage 1~ | 3,3 kVA |
| Electric output | 50 Hz |
| frequency | 625 mm |
| Length | 380 mm |
| Width | 520 mm |
| Height | bis 25° |
| max. angle | -25°C /+40°C |
| Temp. range | 84 kg |
| Weight | 100 dB |
| Sound power level | |



| | |
|-------------------|------------------------|
| Typ | 18000 ED-S/HEDA |
| NSN | 6115-80-000-3460 |
| Engine typ | Hatz 4L40C |
| speed | 1500 min ⁻¹ |
| voltage 3~/1~ | 400/230V |
| Electric output | 18 kVA |
| frequency | 50 Hz |
| Length | 2200 mm |
| Width | 1000 mm |
| Height | 1310 mm |
| max. angle | bis 15° |
| Temp. range | -25°C /+40°C |
| Weight | 1700 kg |
| Sound power level | 95 dB |

2500 E-A/HHBA SS

| | |
|-------------------|------------------------|
| Typ | Honda GX 200 Low Noise |
| Engine typ | 3000 min ⁻¹ |
| speed | 230V |
| voltage 3~/1~ | 2,5 kVA |
| Electric output | 50 Hz |
| frequency | 590 mm |
| Length | 430 mm |
| Width | 470 mm |
| Height | bis 7,5° |
| max. angle | -20°C /+40°C |
| Temp. range | 60 kg |
| Weight | 95 dB |
| Sound power level | |



SEA 2kW 230V WS / 28V GS

| | |
|-------------------|------------------------|
| Typ | 6115-12-381-7313 |
| NSN | Hatz 1B27 |
| Engine typ | 3000 min ⁻¹ |
| speed | 230V |
| voltage 1~ | 2,5 kVA |
| Electric output | 50 Hz |
| frequency | 570 mm |
| Length | 481 mm |
| Width | 425 mm |
| Height | bis 15° |
| max. angle | -32°C /+49°C |
| Temp. range | M1=70 kg / M2=21 kg |
| Weight | 93 dB |
| Sound power level | |

Portable search light

Explosion-proof according to EN 50014/VDE 0171 EEx e ib II C T4. PTB-approval-no Ex-94.C.2049. Construction in accordance with DIN 14 642. Built-in EMV-tested electronics for lamps and charging control with the functions total discharge protection, wire breaking control, economy lamp test, capacity measurement, capacity display with 5 LEDs. Flashing light with the main lamp. IOI charging characteristics. Charging only of used energy. Automatic switch-over to impulse conservation charge. The plastic casting withstands the strongest loads. It is non-abrasive, shock and drop proof even at minus temperatures, impact resistant and anti-static. With non-wearing charging contacts for Eiseemann charging unit. Simple removal from charging unit without locking. Continuously adjustable focusing results in optimal range of lighting. With transparent prism C-Washer for even working area illumination. Light head can be tilted 20° forwards and 90° backwards.



Cable drum, with 50m H07RN-F3G2,5
Width of winding 220mm
Dimensions (wxhxd) 310 x 374 x 375 mm
Weight approx. 19 kg



Cable drum, with 100m H07RN-F5G1,5
Width of winding 440mm
Dimensions (wxhxd) 310 x 377 x 573 mm
Weight approx. 58 kg

Fittings
Wound with 50m heavy rubber sheath cable H07 RN-F3G2,5, of which 5m on auxiliary drum. Plug connection according to DIN 49442/49443 (16A, 2P + PE, impermeable to presswater); suitable for generator

Fittings
Wound with 100m heavy rubber sheath cable H07 RN-F5G1,5, with explosion-proof connectors, 5P. suitable for generator

Telescopic tripod for positioning search lights or flood lights

extendable height 4,5 m
collapsed height 1,07 m
Weight approx. 15 kg

Fittings
High stability. Extendable in 4 steps, lockable at each height. Attachment according to DIN 14640, 30mm diameter. With strapping device consisting of 3 tension ropes of 7m length each and 3 pegs.

