



SIEMENS

Ingenuity for life



Service Contracts

Product Description

[siemens.cz/semc](https://www.siemens.cz/semc)

Service contracts are aimed at strengthening the close, longstanding relationship between the supplier (Siemens) and the customer.

The main goal is to ensure the long-term availability of the machine. This contract is always tailored to the customer's needs, based on the operating requirements of the particular piece of machinery. Machine availability is ensured by preventive maintenance, minor and more major repairs, supplying spare parts as well as monitoring and regularly assessing the machine's condition, including the option of remote on-line monitoring. Service contracts define inspection intervals, the response time for the arrival of specialized staff, and they set out priorities for handling urgent matters.

Benefits

- Machine is always in good condition
- Longer machine service-life
- Reduced repair costs and losses from downtimes eliminated
- Improved operating conditions
- Transparent costs

Risks

- Unprofessional maintenance can lead to loss of warranty
- Unprofessional maintenance can mean extra costs for more frequent maintenance and shorter operating life
- Usage of non-original parts leads to loss of warranty or machine damage
- Usage of non-original parts can also cause subsequent knock-on damage to other parts
- Risk of downtime during failure (causing further financial losses due to stoppage of production)

Siemens service contracts include

- Maintenance plan
- Maintenance performance
- Supply of spare parts
- Repairs, including general repairs
- Training local operators
- Fault diagnostics



Basic data

Machine type:	Synchronous generator 0,5 up to 25 MVA Synchronous and asynchronous motors 0,5 up to 20 MW
Frame sizes:	400 mm – 1340 mm
Speed:	500 r.p.m. – 1 800 r.p.m.
Frequency:	50 Hz – 60 Hz
Voltage:	380 V – 13,8 kV
Type of cooling system:	IC01, IC31, IC81W and others
Mounting form:	Horizontal feet mounted, Flanged bearing shield or shaft end, Vertical flange mounted
Degree of protection:	IP 23, IP 44, IP 54 and others
Standards:	IEC, EN, DIN, VDE and others Marine certification (DNV-GL, ABS, BV, LRS, CSS, RINA, RMRS and others)
Explosion protection:	Ex p/Ex n
Machine weight:	5 through 40 tons

Contact

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Other Customer Service products

- Spare part management
- Generator and motor retrofits
- Preventive maintenance and field service
- Repairs at the production plant or at a network of SIEMENS repair shops
- Vibration diagnostics and machine diagnostics (with possible online monitoring)
- Commissioning
- Trainings