

Manufacturer and authorised to
compile the relevant technical
documentation:

Simatek A/S
Energies Hus
Energivej 3
DK-4180 Soroe
Denmark

The declaration covers partly completed machinery:

Our order No.: S24337-010
Type of machine: JM 52/35 – 12 4T3-R
Machine No.: 9722



ATEX marking on the SimPact® filter: II 3D

The following “essential health and safety requirements” of Directive 2006/42/EC, Annex I,
mentioned below are applied and fulfilled:

- 1.3.2. Risk of break-up during operation
- 1.4.2.1. Fixed guards
- 1.5.7. Explosion
- 1.5.14. Risk of being trapped in a machine
- 1.6.3. Isolation of energy sources
- 1.7.1. Information and warnings on the machinery (partly completed machinery only)
- 1.7.2. Warning of residual risks
- 1.7.3. Marking of machinery (partly completed machinery only)
- 1.7.4.2. Contents of instructions (Assembly instruction for partly completed machinery)

Relevant technical documentation has been compiled in accordance with Directive 2006/42/EC,
Annex VII, part B.

The partly completed machinery is in conformity with the other relevant Directives mentioned
below:

- 2014/34/EU (ATEX) (applies to the control unit and the solenoid valves)
- 2014/35/EU (Low Voltage Directive) (applies to the control unit and the solenoid valves)
- 2014/30/EU (Electromagnetic compatibility (EMC)) (applies to the control unit and the solenoid valves)
- PED/2014/68/EU/CAT III/H (Pressure Equipment Directive) Cleaning air receiver with individual declaration of Conformity.

The harmonised standards mentioned below are applied:

- EN 60204-1:2018 (Safety of machinery - Electrical equipment of machinery)
- DS/EN IEC 61000-6-4:2019 (Electromagnetic compatibility (EMC) - Part 6-4)
- EN 61000-6-2:2019 (Electromagnetic compatibility (EMC) - Part 6-2)
- DS/EN 14460:2018 (Explosion resistant equipment)
- EN 60079-0:2018 (Explosive atmospheres – Part 0: Equipment – General requirements)
- EN 60079-31:2014 (Explosive atmospheres – Part 31: Equipment – dust ignition protection by enclosure “t”)
- EN ISO 80079-36:2016 (Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements)
- EN 1127-1:2019 (Explosive atmospheres – Explosion prevention and protection – Part 1: Basic concepts and methodology)

ATEX information:

Zone classification:

Designed for Zone 22.

In response to a reasoned request by the national authorities, relevant information on the partly completed machinery will be transmitted.

The partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of Directive 2006/42/EC and other relevant Directives.

Our assembly instructions for the partly completed machinery is intended as a contribution to the final operating manual to be drawn up, and Simatek A/S cannot be held responsible whether the planned application is in conformity with the directions specified in our documentation.

Place: DK-4180 Soroe, Denmark

Date: 2025.01.24



Gitte K. Sørensen

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