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Company



Company brochure
[Company_brochure.pdf](#)

Company principles



Anti-corruption
[ZANNI GROUP Anti-corruption commitment.pdf](#)



Business
[ZANNI GROUP Business philosophy.pdf](#)



Corporate culture
[ZANNI GROUP Corporate culture.pdf](#)



Environment
[ZANNI GROUP Environment policy.pdf](#)



Health and safety
[ZANNI GROUP Health and safety policy.pdf](#)

Products of the ZANNI GROUP

Combustion Plants



Overview and summary of documents
All plant sizes
[Example of a modern Mid-sized stationary combustion plant.pdf](#)

Flue gas emission limits



AIR EMISSION LIMIT VALUES
[Flue gas emission limits as per EN2000 76 EU directive.pdf](#)

ZANNI Combustion grate technology



ZANNI combustion grate for all types of waste
English Flyer
[GRATE-SR10S 202020000952.pdf](#)

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ZANNI-Verbrennungsrost für alle Abfallarten

Deutscher Flyer

[VERBRENNUNGSROST-SR10S_202020000952.pdf](#)



ZANNI combustion grate fact sheets

English Flyer

[ZANNI-GRATE.pdf](#)



ZANNI Verbrennungsrost Fakten

Deutscher Flyer

[ZANNI-VERBRENNUNGSROST.pdf](#)



ZANNI combustion grate for sewage sludge incineration

English brochure

[SEWAGE SLUDGE.pdf](#)



ZANNI Verbrennungsrost für Klärschlammverbrennung

Deutsche Broschüre

[KLAERSCHLAMM.pdf](#)

Prices of combustion plants and equipment (2020)

SICF-S: Sludge 200 - 1000 kg/h

SICF: Solid waste 400 - 2000 kg/h



PRICES OF SICF-S AND SICF COMBUSTION PLANTS AND SPARE AND WEAR PARTS (2020)

Capacity 200-1000 kg/h (SICF-S) and 400-2000 kg/h (SICF), EXW Germany, unpacked
[Offer SICF-S and SICF EXW Unpacked.pdf](#)

ONLINE

Technical Data Sheets and General Layout Drawings

Combustion plants suitable for sludge combustion

For General Layout Drawings for hazardous solid waste incineration see below, after these SICF-S plants.

Plant types: SICF-S

Capacity of plant: SICF-S 200 (up to 200 kg/h sludge and SICF up to 400 kg/h solid waste)



Technical data sheet of a combustion plant, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacity 200 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTable200.pdf](#)



Example of a general layout of a combustion plant with 200 kg/hour capacity for sewage sludge combustion and other hazardous waste

Drawing number: 1860-200KG-SR10S-202020000952

[1860-200KG-SR10S-202020000952.pdf](#)

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Capacity of plant: SICF-S 300 (up to 300 kg/h sludge and SICF up to 600 kg/h solid waste)



Technical data sheet of a combustion plant, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacity 300 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTable300.pdf](#)



Example of a general layout of a combustion plant with 300 kg/hour capacity for sewage sludge combustion and other hazardous waste

Drawing number: 1860-300KG-SR10S-202020000952

[1860-300KG-SR10S-202020000952.pdf](#)

Capacity of plant: SICF-S 400 (up to 400 kg/h sludge and SICF up to 800 kg/h solid waste)



Technical data sheet of a combustion plant, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacity 400 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTable400.pdf](#)



Example of a general layout of a combustion plant with 400 kg/hour capacity for sewage sludge combustion and other hazardous waste

Drawing number: 1860-400KG-SR10S-202020000952

[1860-400KG-SR10S-202020000952.pdf](#)

Capacity of plant: SICF-S 500 (up to 500 kg/h sludge and SICF up to 1000 kg/h solid waste)



Technical data sheet of a combustion plant, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacity 500 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTable500.pdf](#)



Example of a general layout of a combustion plant with 500 (600) kg/hour capacity for sewage sludge combustion and other hazardous waste

Drawing number: 1860-600KG-SR10S-202020000952

[1860-600KG-SR10S-202020000952.pdf](#)

Capacity of plant: SICF-S 600 (up to 600 kg/h sludge and SICF up to 1200 kg/h solid waste)



Technical data sheet of a combustion plant, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacity 600 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTable600.pdf](#)



Example of a general layout of a combustion plant with (500) 600 kg/hour capacity for sewage sludge combustion and other hazardous waste

Drawing number: 1860-600KG-SR10S-202020000952

[1860-600KG-SR10S-202020000952.pdf](#)

Capacity of plant: SICF-S 800 (up to 800 kg/h sludge and SICF up to 1600 kg/h solid waste)

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Technical data sheet of a combustion plant, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacity 800 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTable800.pdf](#)



Example of a general layout of a combustion plant with 800 kg/hour capacity for sewage sludge combustion and other hazardous waste

Drawing number: 1860-800KG-SR10S-202020000952

[1860-800KG-SR10S-202020000952.pdf](#)

Capacity of plant: SICF-S 1000 (up to 1000 kg/h sludge and SICF up to 2000 kg/h solid waste)



Technical data sheets of combustion plants, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacity 1000 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTable1000.pdf](#)



Example of a general layout of a combustion plant with 1000 kg/hour capacity for sewage sludge combustion and other hazardous waste

Drawing number: 1860-1000KG-SR10S-202020000952

[1860-1000KG-SR10S-202020000952.pdf](#)

Summary for the above mentioned plant examples



Summary of technical data sheets of combustion plants, suitable for mixed municipal, hospital, industrial waste and sewage sludge

Plant capacities 200 - 1000 kg/h mixed waste @ 15000 kJ/kg

[DesignDataTableAll.pdf](#)

Flow Sheet example and information of the mentioned combustion plant components



Flow Sheet example

Incomplete, as project-dependent components may be missing. Therefore subject to change without prior notice!

[1860-00-000-Z-1901-01 Flow Sheet Example.pdf](#)



1) Combustion furnaces

[1.pdf](#)



2) Emergency (hot gas) chimneys

[2.pdf](#)



3) Flue gas cooler

[3.pdf](#)



4) Cooling air (fresh air) chimneys

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5) Dry-scrubbing-solvent systems

[5.pdf](#)



6) Filter systems and flue gas cleaning

[6.pdf](#)



7) Clean gas (exhaust gas) chimneys

[7.pdf](#)



8) De-Ashing systems

[8.pdf](#)



9) Control cabinets

[9.pdf](#)



10) Continuous emission monitoring systems (CEMS)

[10.pdf](#)

General Layout Drawings

Combustion plants suitable for hazardous solid waste combustion

For General Layout Drawings for sludge incineration see above, in front of these SICF plants.

Plant types: SICF

Capacity of plant: SICF 400 (up to 400 kg/h hazardous solids)



Example of a general layout of a combustion plant with 400 kg/hour capacity for solid hazardous waste combustion

SINGLE COOLER | Drawing number: 1864-400KG-SR10S-202020000952

[1864-400KG-SR10S-202020000952-REV-00.pdf](#)

Capacity of plant: SICF 800 (up to 800 kg/h hazardous solids)



Example of a general layout of a combustion plant with 800 kg/hour capacity for solid hazardous waste combustion

DOUBLE COOLER (PARTIAL LOAD OPERATION POSSIBLE FOR MAINTENANCE WORK) | Drawing number: 1864-800KG-SR10S-202020000952

[1864-800KG-SR10S-202020000952-REV-00.pdf](#)

Capacity of plant: SICF 1200 kg/h (up to 1200 kg/h hazardous solids)

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Example of a general layout of a combustion plant with 1200 kg/hour capacity for solid hazardous waste combustion

DOUBLE COOLER SYSTEM (PARTIAL LOAD OPERATION POSSIBLE FOR MAINTENANCE WORK) | Drawing number: 1864-1200KG-SR10S-202020000952
[1864-1200KG-SR10S-202020000952.pdf](#)

Capacity of plant: SICF 1600 (up to 1600 kg/h hazardous solids)



Example of a general layout of a combustion plant with 1600 kg/hour capacity for solid hazardous waste combustion

TRIPPLE COOLER SYSTEM (PARTIAL LOAD OPERATION POSSIBLE FOR MAINTENANCE WORK) | Drawing number: 1864-1600KG-SR10S-202020000952
[1864-1600KG-SR10S-202020000952.pdf](#)

Some more



Patented flue gas cooler

[AAC-202020000033.pdf](#)



Silos for dry-scrubbing solvent and filter ash

Exclusively for our SICF/SICF-S plants

[Silos.pdf](#)

Cooling-down and heating-up instructions



COOLING-DOWN AND HEATING-UP INSTRUCTIONS

Basically, the longer the better

[Cooling-down and heating-up instructions.pdf](#)

Important add-on parts

Burners for our combustion plants (recommended supplier)



COMPANY PRESENTATION

Information on burner technology

[Information on burner technology.pdf](#)



WM 20 monarch® burners

(150–2600 kW) • compact and powerful

[Information on gas, oil, and dual-fuel-burners.pdf](#)



WM 20 monarch® burners

Installation and operating instruction

[Manual WM-L20.pdf](#)

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Continuous emission monitoring systems (recommended supplier)



COMPANY PRESENTATION

About CODEL

[CODEL Overview.pdf](#)



DATA SHEET OF CONTINUOUS EMISSION MONITORING SYSTEMS FOR SICF PLANTS

SICF 200 - SICF 1000

[Emission monitoring system for SICF 200 – SICF 1000 combustion plants.pdf](#)



EnergyTech 101/102 - Opacity Monitor

TECHNICAL DATA

[Datasheet EnergyTech 101 102 web.pdf](#)



Multi-species infrared absorption analyser

TECHNICAL DATA

[Data Sheet GCEM40 Range web.pdf](#)



Hotgas multicomponent Gasanalyser GCEM 40E

TECHNICAL DATA

[GCEM 40E.PDF](#)

Fans for our combustion plants (recommended supplier)



COMPANY PRESENTATION

About WITT & SOHN

[AboutWitt&Sohn.pdf](#)



DATA SHEET FOR CENTRIFUGAL FAN

Combustion air fans SICF 200 - SICF 1000

[Combustion air fan 30102012.pdf](#)



TECHNICAL DOCUMENTATION COMBUSTION AIR FANS SICF 200 - SICF 1000

TECHNICAL DATA, FAN CURVE, SOUND POWER / PRESSURE, STARTUP / RUNDOWN CURVE, SPEED/TORQUE CURVE

[Combustion air fans W&S.pdf](#)



DATA SHEET FOR CENTRIFUGAL FAN

Cooling air fans for Air/Air cooler SICF 200 - SICF 1000

[Fresh air fan 30102012.pdf](#)



TECHNICAL DOCUMENTATION FRESH AIR FANS SICF 200 - SICF 1000

TECHNICAL DATA, FAN CURVE, SOUND POWER / PRESSURE, STARTUP / RUNDOWN CURVE, SPEED/TORQUE CURVE

[Fresh air fans W&S.pdf](#)



DATA SHEET FOR CENTRIFUGAL FAN

Mixed air aux. fans for cooling air outlet SICF 200 - SICF 1000

[Mixed air aux fan 30102012.pdf](#)

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TECHNICAL DOCUMENTATION MIXED AIR AUX. FANS SICF 200 - SICF 1000

TECHNICAL DATA, FAN CURVE, SOUND POWER / PRESSURE, STARTUP / RUNDOWN CURVE, SPEED/TORQUE CURVE

[Mixed air aux fans W&S.pdf](#)



DATA SHEET FOR CENTRIFUGAL FAN

Induced draft fans (flue gas fans) SICF 200 - SICF 1000

[Induced draft fan 30102012.pdf](#)



TECHNICAL DOCUMENTATION INDUCED DRAFT FANS SICF 200 - SICF 1000

TECHNICAL DATA, FAN CURVE, SOUND POWER / PRESSURE, STARTUP / RUNDOWN CURVE, SPEED/TORQUE CURVE

[Induced draft fans W&S.pdf](#)

Side channel blowers (recommended supplier)



COMPANY PRESENTATION

Overview ELEKTOR

[Elektor Produktuebersicht engl.pdf](#)



Side channel blowers for SICF 200 combustion plants

COVER SHEET AND DIMENSIONAL DRAWING

[SICF200 COVER SHEET AND DIMENSIONAL DRAWING 2SD 720-5.5-9.8 kW.pdf](#)



CATALOGUE

Side channel blower for SICF 200

[SICF200 CATALOGUE 703404 1SD 2SD DE EN.pdf](#)



INSTRUCTION MANUAL

Side channel blower for SICF 200

[SICF200 INSTRUCTION MANUAL 9016355 1SD-2SD de en 08.pdf](#)



Side channel blowers for SICF 300 combustion plants

COVER SHEET AND DIMENSIONAL DRAWING

[SICF300 COVER SHEET AND DIMENSIONAL DRAWING SD 80.pdf](#)



CATALOGUE

Side channel blower for SICF 300

[SICF300 CATALOGUE 9702019 SD DE EN.pdf](#)



INSTRUCTION MANUAL

Side channel blower for SICF 300

[SICF300 INSTRUCTION MANUAL 9016312 SD de en 10.pdf](#)



Side channel blowers for SICF 400 combustion plants

COVER SHEET AND DIMENSIONAL DRAWING

[SICF400 COVER SHEET AND DIMENSIONAL DRAWING 2SD 820-8.5-9.8 kW.pdf](#)

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CATALOGUE

Side channel blower for SICF 400

[SICF400 CATALOGUE 703404 1SD 2SD DE EN.pdf](#)



INSTRUCTION MANUAL

Side channel blower for SICF 400

[SICF400 INSTRUCTION MANUAL 9016355 1SD-2SD de en 08.pdf](#)



Side channel blowers for SICF 500 combustion plants

COVER SHEET AND DIMENSIONAL DRAWING

[SICF500 COVER SHEET AND DIMENSIONAL DRAWING SD 9.pdf](#)



CATALOGUE

Side channel blower for SICF 500

[SICF500 CATALOGUE 9702019 SD DE EN.pdf](#)



INSTRUCTION MANUAL

Side channel blower for SICF 500

[SICF500 INSTRUCTION MANUAL 9016312 SD de en 10.pdf](#)



Side channel blowers for SICF 600 combustion plants

COVER SHEET AND DIMENSIONAL DRAWING

[SICF600 COVER SHEET AND DIMENSIONAL DRAWING 1SD 910 12.5-21.3kW.pdf](#)



CATALOGUE

Side channel blower for SICF 600

[SICF600 CATALOGUE 703404 1SD 2SD DE EN.pdf](#)



INSTRUCTION MANUAL

Side channel blower for SICF 600

[SICF600 INSTRUCTION MANUAL 9016355 1SD-2SD de en 08.pdf](#)



Side channel blowers for SICF 800 combustion plants

COVER SHEET AND DIMENSIONAL DRAWING

[SICF800 COVER SHEET AND DIMENSIONAL DRAWING 2SD 920 11.0-21.3kW.PDF](#)



CATALOGUE

Side channel blower for SICF 800

[SICF800 CATALOGUE 703404 1SD 2SD DE EN.pdf](#)



INSTRUCTION MANUAL

Side channel blower for SICF 800

[SICF800 INSTRUCTION MANUAL 9016355 1SD-2SD de en 08.pdf](#)



Side channel blowers for SICF 1000 combustion plants

COVER SHEET AND DIMENSIONAL DRAWING

[SICF1000 COVER SHEET AND DIMENSIONAL DRAWING 2SD 920 11.0-21.3kW.PDF](#)

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CATALOGUE

Side channel blower for SICF 1000

[SICF1000 CATALOGUE 703404 1SD 2SD DE EN.pdf](#)



INSTRUCTION MANUAL

Side channel blower for SICF 1000

[SICF1000 INSTRUCTION MANUAL 9016355 1SD-2SD de en 08.pdf](#)

Other solutions



Transportable incinerators brochure

[TIU.pdf](#)



Patented transportable solution for disease control

Transportable combustion and flue gas treatment plants as a modular system

[DCU-Unit-Part-1-2-3-4.pdf](#)

Tender assistance



A useful guide to tendering

[International tender specification template.pdf](#)

Environmental protection



Environmental protection flyer

[Environmental Protection.pdf](#)

Gas systems



Gas systems flyer

[Gas Systems.pdf](#)



Gas slag catcher flyer

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Valves



Valve catalogue

[valve_catalogue.pdf](#)

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Safety Devices for Liquid Fuels
[Safety Devices for Liquid Fuels.pdf](#)



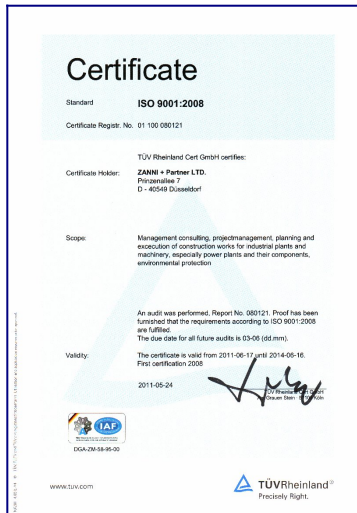
Safety Devices for Gaseous Fuels
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Safety Devices for Gas Turbines
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Certificates

ISO 9001:2008/2015



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Preise für Dienstleistungen - Gültig 2019/2021-07-01
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Data protection



Datenschutzerklärung
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Data protection declaration
[Data-Protection-Declaration-EN.pdf](#)



Datenschutz Einwilligung
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