

JADE Power Trading
Quality Energy Equipment

PRODUCT
BROCHURE
REF.
9072021

SELF-STANDING EXHAUST GAS STACK VESMETA CORTEN STEEL - 40 M

3 × 900 mm inner flues | Insulated | Year 1999



40 m
STACK HEIGHT

3 × 900 mm
INNER FLUE PIPES

2.6 m / 3.0 m
SHELL / FLANGE
DIAMETER

100 mm
MINERAL-WOOL
INSULATION

SELF-STANDING • INSULATED • SERVICE PLATFORM, ACCESS STAIRS & AVIATION LIGHTS

EQUIPMENT OVERVIEW

Self-standing insulated Corten-steel stack with three independent exhaust-gas flues.

SELF-STANDING THREE-FLUE EXHAUST STACK

This good-condition self-standing exhaust-gas stack was manufactured by Vesmeta, Finland in 1999. The 40-metre structure comprises a painted Corten E outer shell containing three separate 900 mm internal Corten E flue pipes.

The outer shell has a diameter of approximately 2.6 m, increasing to approximately 3.0 m at the flanges. The shell wall thickness varies from 8 mm to 4 mm, while each internal flue has a 4 mm wall thickness. The stack is insulated with 100 mm mineral wool.

The structure is equipped with a top service platform, access stairs and aviation obstruction lights. It previously served a Wärtsilä 7 MW gas-engine installation whose engines had accumulated approximately 30,000 operating hours.

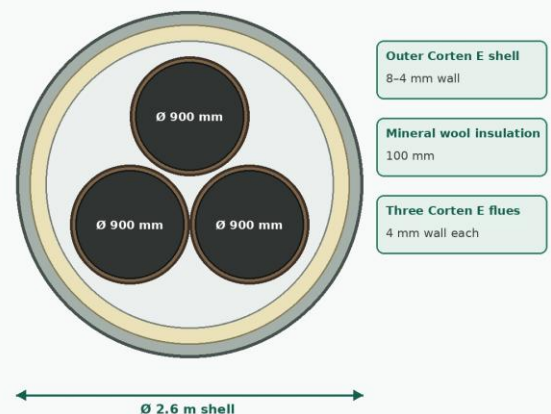
Picture 2



Three-flue internal arrangement (schematic)

THREE-FLUE INTERNAL ARRANGEMENT

Indicative cross-section - dimensions from sales listing



TECHNICAL SPECIFICATIONS

Technical data provided for preliminary sales and project evaluation.

PARAMETER	SPECIFICATION
Manufacturer	Vesmeta, Finland
Equipment type	Self-standing insulated exhaust-gas stack
Manufacturing year	1999
Application	Exhaust-gas discharge for engine power generation
Condition	Reported in good condition
Stack height	40 m
Outer shell diameter	Approx. 2.6 m
Diameter at flanges	Approx. 3.0 m
Outer shell material	Corten E weathering steel
Outer shell wall thickness	8-4 mm
Number of internal flues	3
Inner flue diameter	3 × 900 mm
Inner flue material	Corten E weathering steel
Inner flue wall thickness	4 mm
Insulation type	Mineral wool
Insulation thickness	100 mm
Access and service features	Top service platform and access stairs
Aviation warning equipment	Flight / obstruction lights
Original service history	Wärtsilä 7 MW gas-engine service; approx. 30,000 h

Engineering note: Final suitability is subject to verification of exhaust-gas flow, temperature, pressure drop, emissions requirements, foundation loads, wind and seismic design criteria, local codes and destination-site integration.

SCOPE OF SUPPLY & CONTACT

The following scope is based on the currently available sales information and remains subject to final confirmation.

INCLUDED EQUIPMENT

- ✓ Self-standing 40 m Corten E outer stack shell
- ✓ 3 × 900 mm Corten E internal flue pipes
- ✓ 100 mm mineral-wool insulation
- ✓ External protective paint system
- ✓ Top service and maintenance platform
- ✓ Access stairs / ladder system
- ✓ Aviation obstruction lights
- ✓ Associated structural flanges and supports within offered scope

DELIVERY & INSPECTION

- Current storage and assembly condition to be confirmed
- Detailed inspection available by arrangement
- Final scope, dimensions and component list subject to verification
- Foundation design and anchor arrangement are site-specific
- Dismantling, loading, transport and reinstallation may be arranged separately
- Final commercial and delivery terms subject to contract

ENGINEERING & RELOCATION

The receiving site must verify stack foundation loads, structural and wind-loading criteria, exhaust flow and temperature, pressure loss, corrosion allowance, emissions monitoring requirements, access and safety arrangements, obstruction-light requirements and compliance with local regulations. Final dismantling, preservation, transport sections, lifting points and reassembly procedures must be agreed before delivery.

REQUEST FURTHER INFORMATION

Commercial quotation, additional photographs, detailed scope clarification, dimensional information, inspection and relocation arrangements are available on request.

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**SCAN FOR ONLINE
LISTING**

All information is provided in good faith for preliminary evaluation and is subject to verification, final scope confirmation and contract.