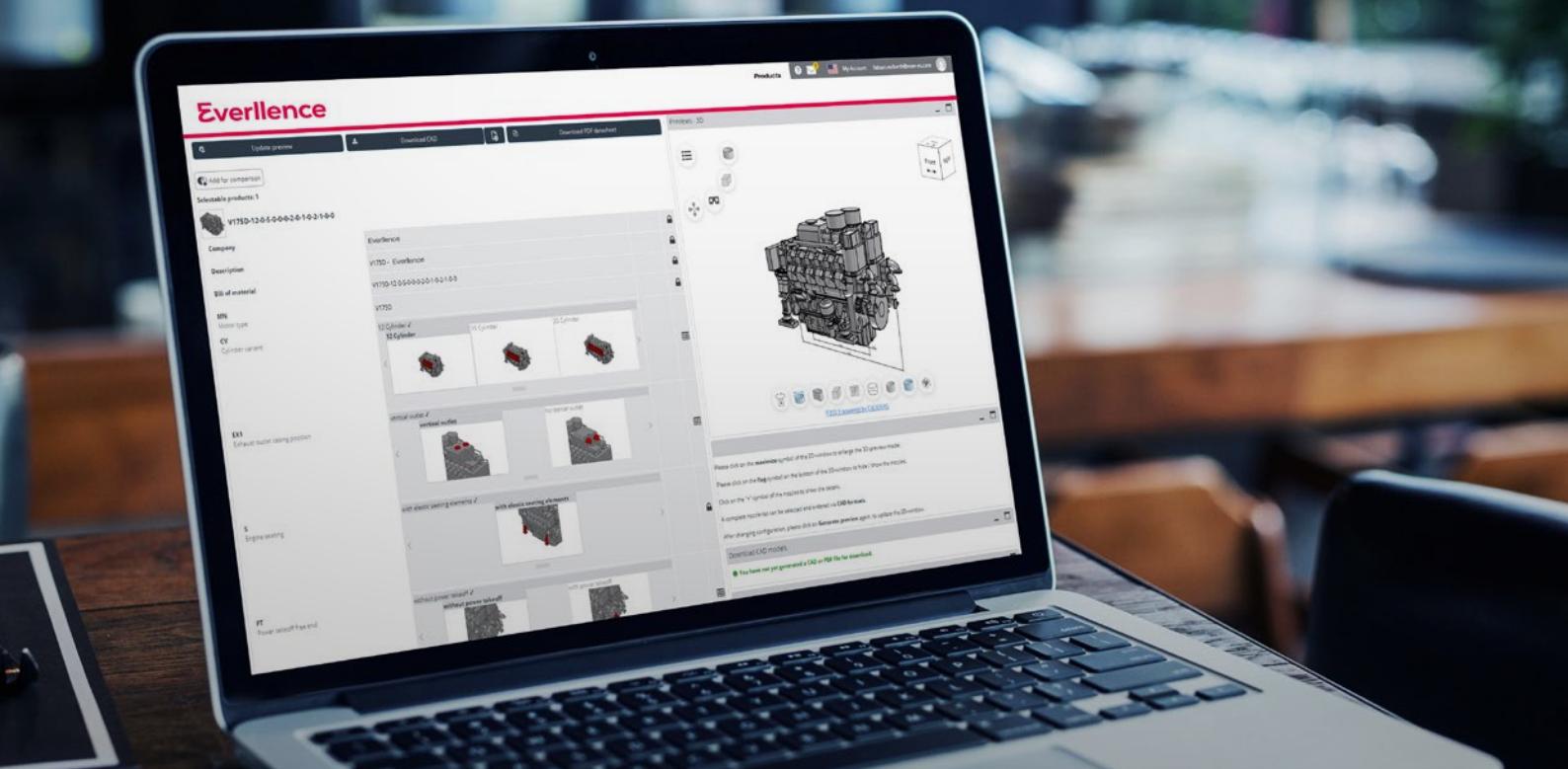


The NEXUS online planning tool

**Start the engine for your successful
planning of four-stroke applications**



Everlence

Your project deserves the best support

NEXUS from Everllence

NEXUS is the comprehensive four-stroke engineering and new solutions portal from Everllence for shipyards, designers and operators. We want your project to sail to success right from the start – almost as if you had an extra team of engineers.

This guide will introduce you to the available support and calculation tools, which give your planning crucial advantages:

- Engine and GenSet Viewer
- Clean Funnel Configurator

Exact planning, quick results

NEXUS provides you with precise planning data for all relevant components with 2D and 3D models. Take advantage of our many free services and tangibly reduce your project planning workload.

The security of reliable dimensions and numbers

Solid calculations need detailed numbers. NEXUS gives you the exact dimensions for the entire Everllence Marine Engine Programme – so you can accurately assess each project's installation space requirements.



How to register:

1. Visit our website at extranet.everllence.com
2. Click "Customer or other business partner" and then "Request access"
3. Complete the form and click "Request Access" to submit it



It may take a few days for us to process your query, but as soon as it has been processed and approved, we'll send you an email with your username and password.

You can then use your username and password to login at extranet.everllence.com, where you'll be able to access all NEXUS functions.

If you do not yet have a contact person, please refer to the contact information on the back of this publication.

The entire four-stroke Marine Engine Programme at your fingertips

Engine and GenSet Viewer

- High precision
- Entire Marine Engine Programme in 3D
- Configurable CAD data
- Downloadable configuration
- Most common 2D CAD formats

Implement your plans faster

With the Engine and GenSet Viewer, your plans will quickly take shape – highly precise shape! The required power range takes you to the virtual engine models. The configurator provides you with the entire Everllence Marine Engine Programme in the form of configurable 3D CAD data. Intelligently structured menus and speedy search functions quickly lead you to the desired data. A mouse click is all it takes to download your configuration, either as CAD data or in PDF format.

More design freedom – right from the start

Choose the most appropriate engine type, turbocharger arrangement, and the desired engine power. You can select from various parameters to find the right genset for you, such as cylinder variants, alternator, built-on pumps and more. Whatever your project needs, it only takes you a few seconds to specify your model and immediately get data tailor-made for your requirements.

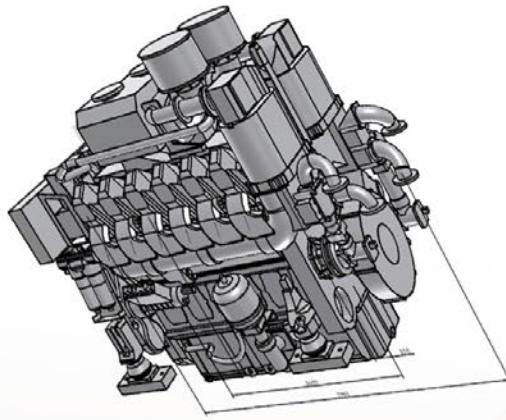
Precise data in the most appropriate format

To assure that you can work with the data smoothly and seamlessly, the Engine and GenSet Viewer supports many of the most common native 2D CAD formats like DWG, as well as neutral 3D formats like SAT or STEP. You can download the finished configuration as a PDF file.

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Preview - 3D

Products



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As individual as your requirements

Clean Funnel Configurator

- Support with arrangement studies
- Clear view of the configuration
- Facilitate the configuration and calculation
- Downloadable engineering data

Configured to your needs

Every ship has slightly different exhaust gas treatment system requirements. The Clean Funnel Configurator is the quickest way of figuring it out. Everllence is also able to support and assist you with comprehensive arrangement studies.

Complete solutions for main and auxiliary engines

Everllence delivers complete exhaust gas treatment systems, such as selective catalytic reduction (SCR) systems. Simply choose your vessel's emission criteria, fuel type, operation area, and preferred CAD model depiction in the configurator. The preview window gives you a clear picture of your desired configuration.

Configuration data that's ready to use

The Clean Funnel Configurator not only helps configure and calculate the main dimensions and weights. It also provides the complete engineering data as a download. This gives you all the data you need for technical layouts and arrangement studies. You can then directly use this data for planning your project.

Notes for PDF-document

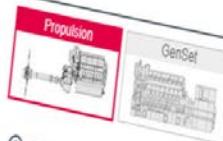
Project name

Editor

Comment

Selection parameter

Output type



Selection by

Engine type Engine power

Engine description

Number of cylinders / 100 % engine power

51/60DF High power variant

Engine type

14 cylinders / 16100 kW

Engine speed [rpm]

14V51/60DF High power variant

500 514

NOx cycle Value [g/kWh]

2.597

Exhaust gas pipe diameter

DN1400

Selection of emission criteria

Emission standards

IMO Tier III IMO Tier II

Fuel

MGO HFO LNG



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3D 2D Dimensional drawing 3D PDF data sheet

Download

Format

Direct insert (Click2CAD Toolbox required)
CAD system



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