



The NEXUS online planning tool

MAN Energy Solutions
Future in the making

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



How to register:

1. Visit our website at <https://extranet.man-es.com/>
2. Click "Customer or other business partner" and then "Request access".
3. Complete the form and click "Request Access" to submit it.

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



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 <https://extranet.man-es.com/>, where you'll be able to access all NEXUS functions.



Your project deserves the best support

NEXUS from MAN Energy Solutions

NEXUS is the comprehensive four-stroke engineering and new solutions portal from MAN Energy Solutions 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 MAN Energy Solutions Marine Engine Programme – so you can accurately assess each project's installation space requirements.



The entire four-stroke Marine Engine Programme at your fingertips

Engine and GenSet Viewer

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 MAN Energy Solutions 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.

As individual as your requirements

Clean Funnel Configurator

Clean Funnel Configurator

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

Configured to your needs

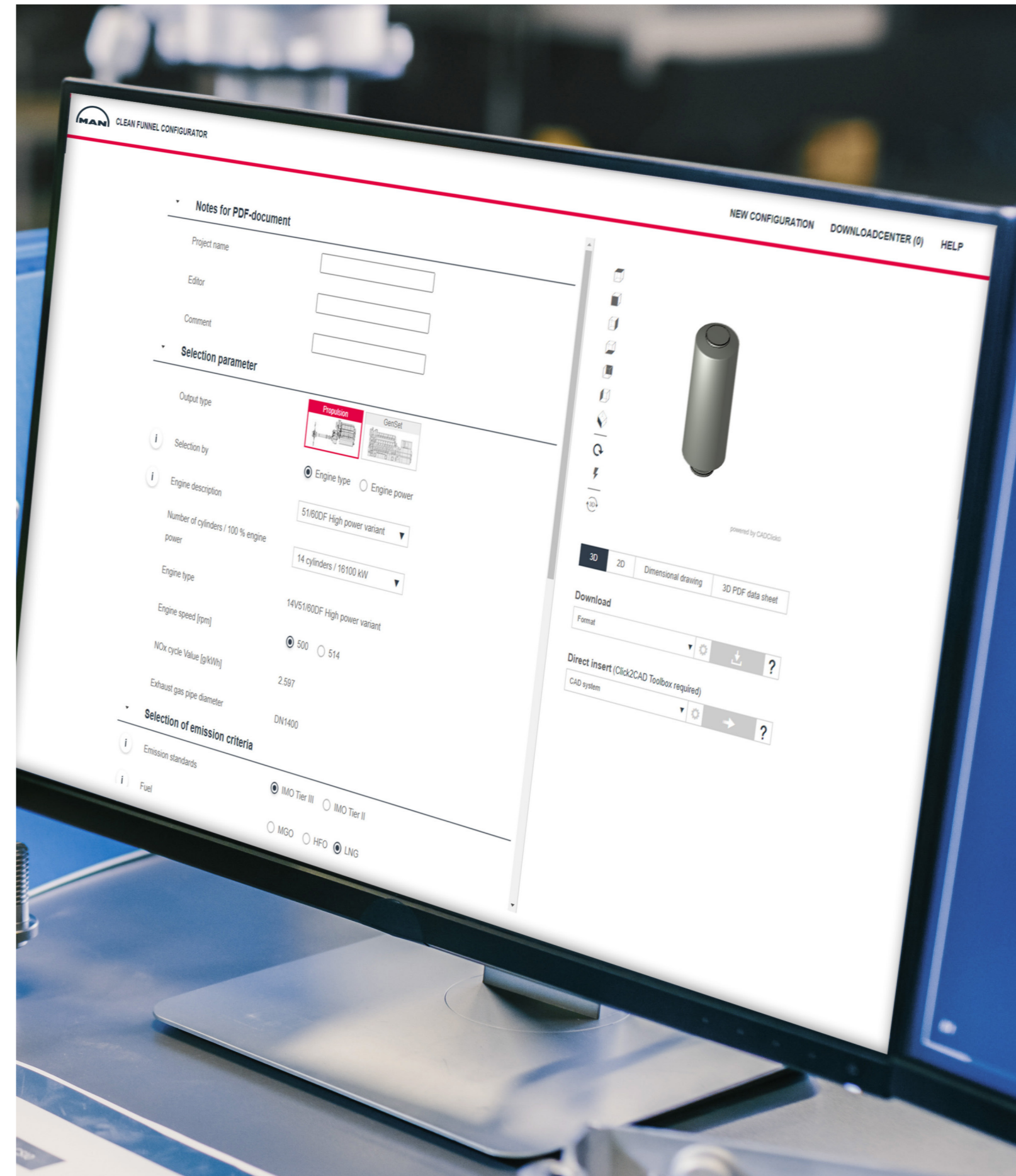
Every ship has slightly different exhaust gas treatment system requirements. The Clean Funnel Configurator is the quickest way of figuring it out. MAN Energy Solutions is also able to support and assist you with comprehensive arrangement studies.

Complete solutions for main and auxiliary engines

MAN Energy Solutions 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.



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