

NS Series 2400 (1950-1970) for TS Classic



MANUAL

Version 2.2.1 build 20260915

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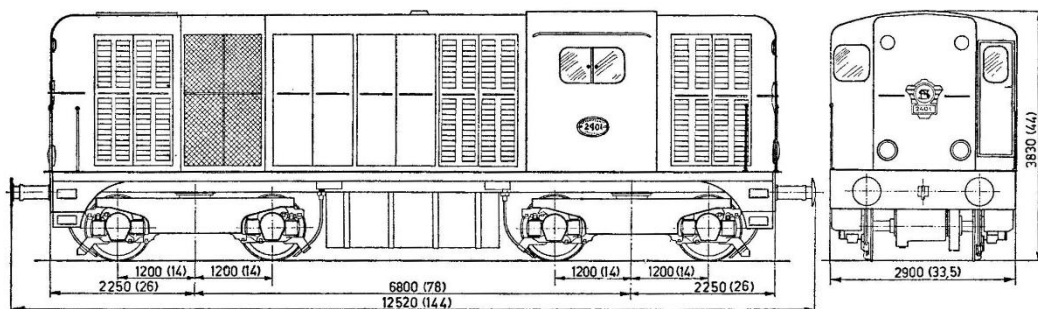
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Background

NS series 2400-2500

In the same period in time when the 2200/2300 series were built by Alsthom, this manufacturer also ran an assembly line for a universal light to medium goods diesel-electric locomotive, intended for service with the railways in the Franco-African territories. In order to speed up the transition from steam traction the Dutch Railways (NS) placed an order for 130 units of this model in 1954. Constructed on a fully welded frame, the engine layout consists of five compartments, which successively house the air equipment, the fans, the diesel engine with generator, the cab and the batteries. Another French factory, the SACM, supplied the 8-cylinder engines. The machines could be run in multiple-unit mode, i.e. two or more coupled locomotives could pull a train operated by one driver. The locomotives served NS until the 80s. Seven locomotives were sold to Volker Stevin for the construction of a port in Saudi Arabia and a larger part of the series returned to France to be used in work trains for the construction of TGV routes. Of this group, the 2561, 2407 and the 2454 were repatriated. They have been completely restored into working condition and pressed into service within the Dutch preservation scene, like VSM, STAR and 2454 CREW.



What's new in this version 2.2:

- Headlight configuration corrected ('reversed L-signal')
- Shunting signals are automatically displayed when no train signals are selected
- Control of panel and cab lighting is now compliant with ChrisTrains cabs (Panel: CTRL + F9/F10, Cab CTRL + F11/F12)
- Manual adapted to new steering position functionality

Installation tips

General

The NS series 2400 from Wilbur Graphics is supplied as a .zip file and includes the following items in addition to a Readme_EN.txt:

- Folder Manuals\Wilbur Graphics with English, German and Dutch manuals:

WG_NS_2400_tp3_Handbuch_V2_2.pdf
WG_NS_2400_tp3_Manual_V2_2.pdf
WG_NS_2400_tp3_Handleiding_V2_2.pdf

- installer WG_NS_2400_tp3_V22_build_20260915.exe

After launching the installer, you will be prompted to

- Select a language for the installer (Dutch/English/French/German)
- Accept the License Terms (EULA)

See the `release notes.txt` for the latest changes and improvements.

Other tips

- The .zip file must be fully unpacked before you can begin the installation.
- If the installation software cannot find the Railworks folder on your system, the reference to this folder in the Windows registry may no longer be valid. This situation occurs if you have moved the Steam environment to another computer or disk drive. You solve this by repeating the installation of Steam.



Rolling stock

TS Object Browser Index

Scenario Editor	Folder	Object ID
WG NS 2447 tp3	Rollmat_NS	WG_NS_2447_tp3
WG NS 2471 tp3	Rollmat_NS	WG_NS_2471_tp3
WG NS 2517 tp3	Rollmat_NS	WG_NS_2517_tp3

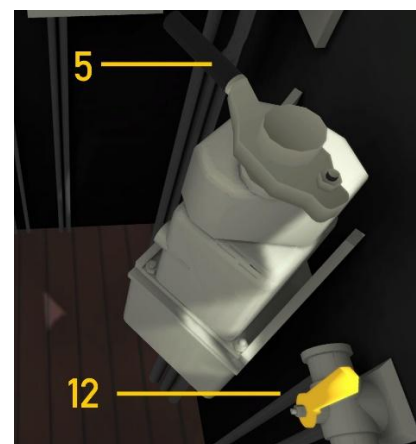
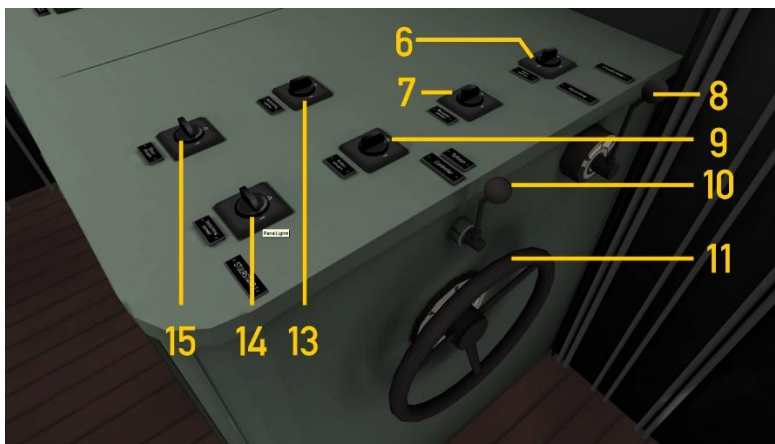
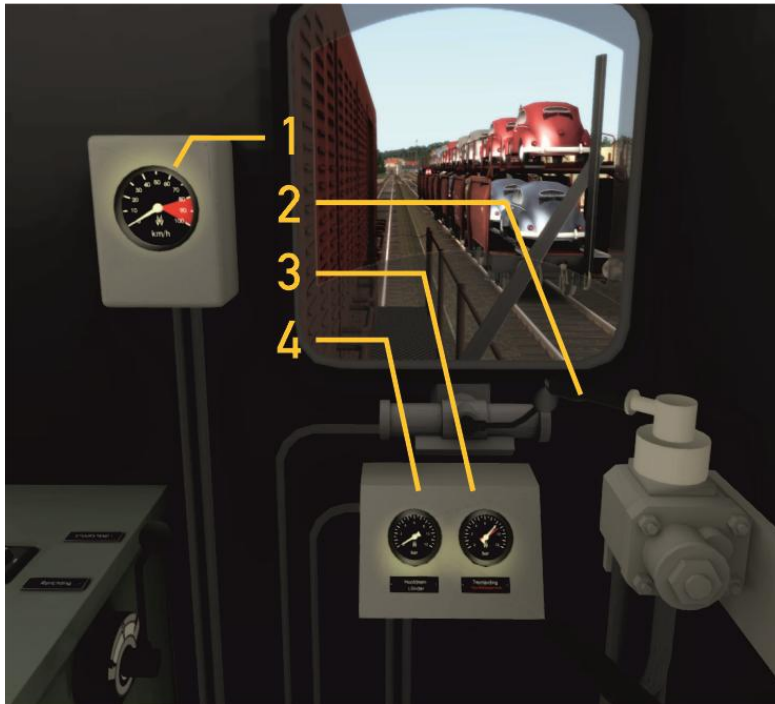


Preloads

WG NS 2447 tp3 (light engine)
 WG NS 2447 tp3 with 2-axle goods
 WG NS 2471 tp3 (light engine)
 WG NS 2471 tp3 with coal train
 WG NS 2517 tp3 (light engine)
 WG NS 2517 tp3 with tubes

All rolling stock in these preload consists are part of the add-on and will be installed with the engine objects.

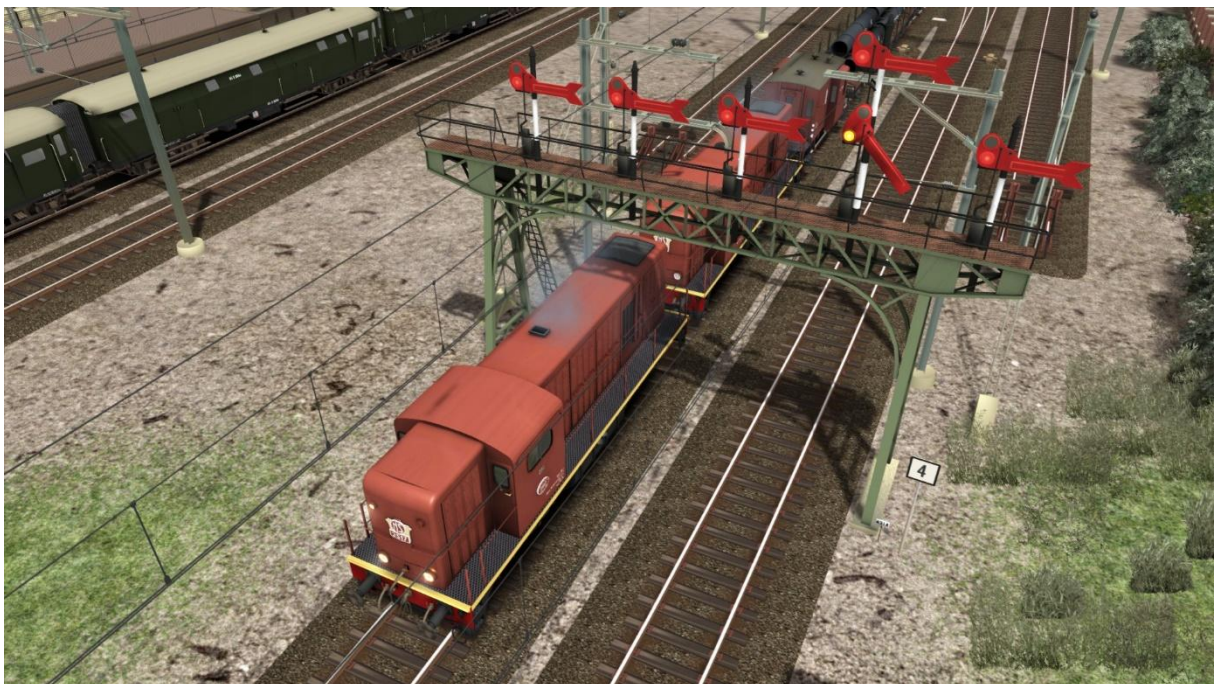
Operation



1	Speedo		9	Horn	SPACE
2	Engine brakes	[&]		Horn (short)	N
3	Trainbrake pipe/main res. pressure		10	Wipers	V
4	Brakecylinder pressure		11	Controller	A & D
5	Train brake control	; & '	12	Sander	X
6	Head/tail lights	H/SHIFT+H	13	Panel lighting	CTRL+F9/F10
7	Shunting lights*	W & S	14	Cab lighting	CTRL+F11/F12
8	Reverser		15	Control current on/off	CTRL+0

*) Switch will be operated by TS Classic

Operating the engine does not deviate from the TS standard, but when reversing it is difficult to move the controls with the mouse because steering position 2 is mirrored with steering position 1, just like in reality. The engine and train brake controls have ended up in the right place, also in line with the real world.



Colophon/Credits

Development and production:

© Wilbur Graphics, Henk van Willigenburg (www.wilburgraphics.com)

Tips and advice:

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