



NS 200-300 (modernized) Locomotor for TS Classic



Version 2.0



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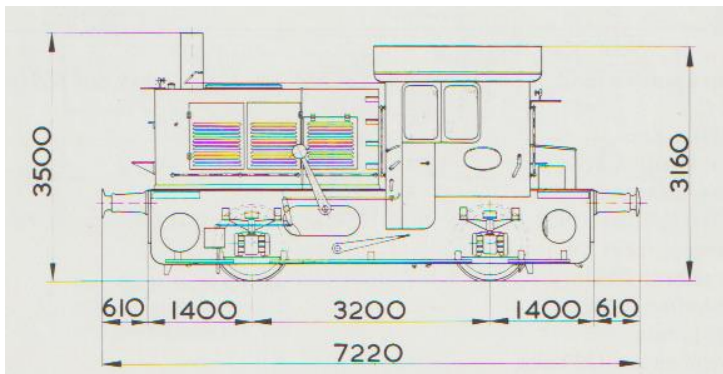
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Background

Officially these machines were referred to as 'locomotors' (lmt) because yard workers could operate them instead of engineers. Dating back to the steam era, these LMTs were designed for light shunting work at smaller stations and shunting yards. In total, 169 of these shunting 'goats' were delivered by Werkspoor between 1934 and 1951, and were assigned the NS numbers 201-369. Until the 1980s, the 'goat' could still be found everywhere in the Netherlands. Due to various causes, such as the decline in freight transport and modern health and safety legislation, the series was finally taken out of service by NS. Many locos have ended up with various preservation societies, after often having spent their last working years on private railway yards.

(Reference: 'Spoor- en Trammaterieel in Nederland', De Alk, 1982)



Technical data

Wheel arrangement:	0-4-0
Power:	64 kW (84 hp)
V max:	30 km/u
L.o.a.:	7,22 m
Wheel base:	3,2 m
Driving wheel diameter:	1.000 mm
Mass:	21 t

Installation

General

The NS 2-300 tp4 by Wilbur Graphics is supplied as a .zip file and contains the following objects in addition to a Readme_EN.txt:

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

```
WG_NS_2_300_tp4_Handbuch_V2_0.pdf
WG_NS_2_300_tp4_Manual_V2_0.pdf
WG_NS_2_300_tp4_Handleiding_V2_0.pdf
```

- Installer WG_NS_2_300_tp4_V20_build_20231001.exe

After the installation .exe has been activated, a few choices and input options follow:

- Language selection (Dutch/English/French/German)
- Acceptation of the License Terms (EULA)

Read the **release notes.txt** for recent changes, etc.

Notes on installation

- You need to first unpack the zipped files before commencing installation
- If the installer can't find the Railworks folder please make sure that the Windows Registry correctly points to the Railworks folder. This situation normally only happens when you have manually moved your Steam environment to another PC or Harddrive. You should always install Steam to the new location to fix the registry.

Note: for some animations to work correctly (smoke plume and crew), the standard DTG Assets from the ELAP addon must be linked to the route on which you want the locomotive to run. If desired, you can set this up either in the scenario editor, or in the route editor. The screenshot below is from the former, but both editors work the same in this regard. First, select the small blue cube with the orange triangle on the left side of the screen. A right hand menu will then appear, in which you tick off DTG. You can then make the connection with DTG by placing the relevant checkmarks next to the line 'Academy':



Rolling Stock

Object Browser Index

Folder	Display name (NL/EN)	Display Name (DE)
NS_2_300_tp4	WG NS 325 tp4	WG NS 325 tp4
NS_2_300_tp4	WG NS 345 tp4	WG NS 345 tp4
NS_Gs	WG NS Gs	WG NS Gs
NS_SSImas53	WG NS Rs rails/track	WG NS Rs Gleis
NS_30m3_ketelw	WG NS 30M3 Zecs BON	WG NS 30M3 Zecs

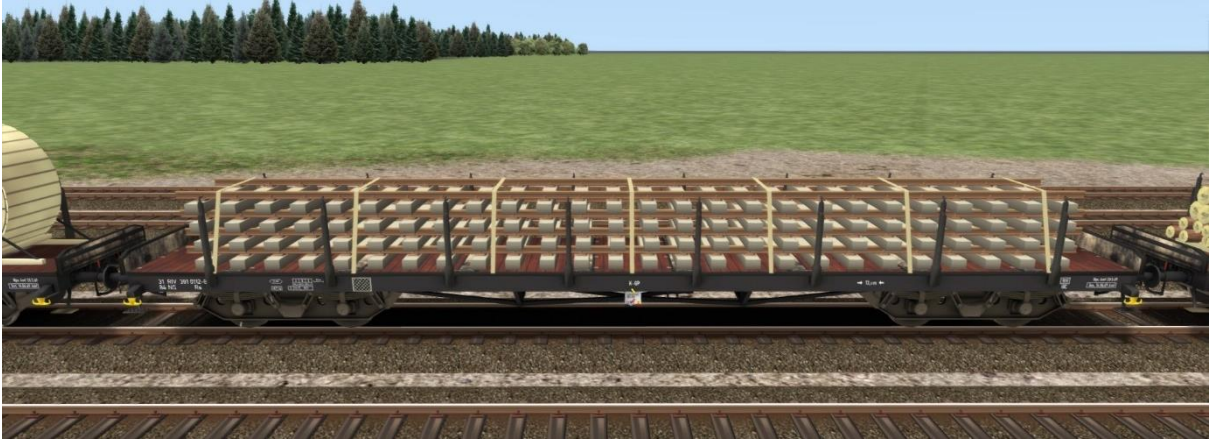
NS 325



NS 345



All locos have been equipped with front and rear signals and will henceforth be available for line duties outside station yards, for example in milk run scenarios.



WG NS Rs rails/track

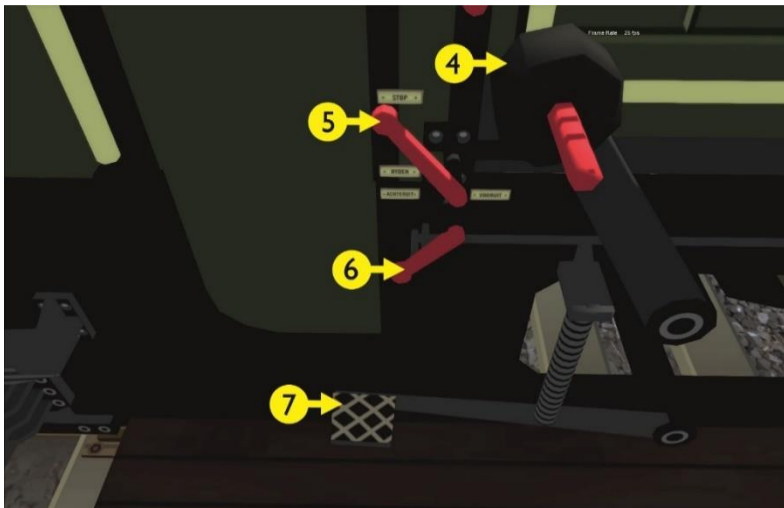
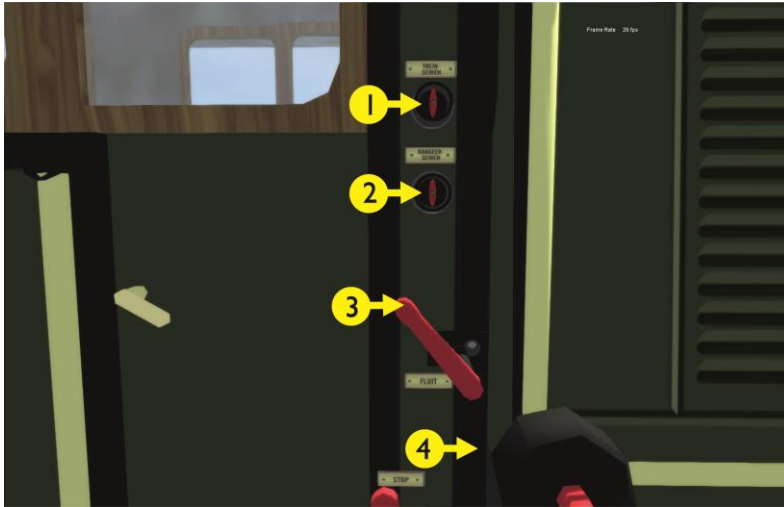


WG NS 30M3 Zecs PAM



WG NS Gs

Operation



1	Front/rear signals	Headlights	7	Engine brake	[&]
2	Shunting signals	CTRL+F9		Sander	X
3	Whistle	SPATIEBALK			
4	Train brakes	; & '			
5	Controller	A & D			
6	Reverser	W & S			

As in the real world, this TS Classic shunter is operated from the running board, where you will find levers and handles for the whistle, the direction of travel and the speed controller, with a switch for the shunting signals. The foot brake is designated as engine brake. The large counterweight handle acts as a train brake.

Note: the engine script of the NS 2-300 distinguishes between deployment as *a player engine* and as AI traffic when setting train signals. The player indicates once with CTRL+0 that he actually is the driver.

Colofon/Credits

Design and development:

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