

NS Series 2000 Diesel-electric locomotive

Version 1.2



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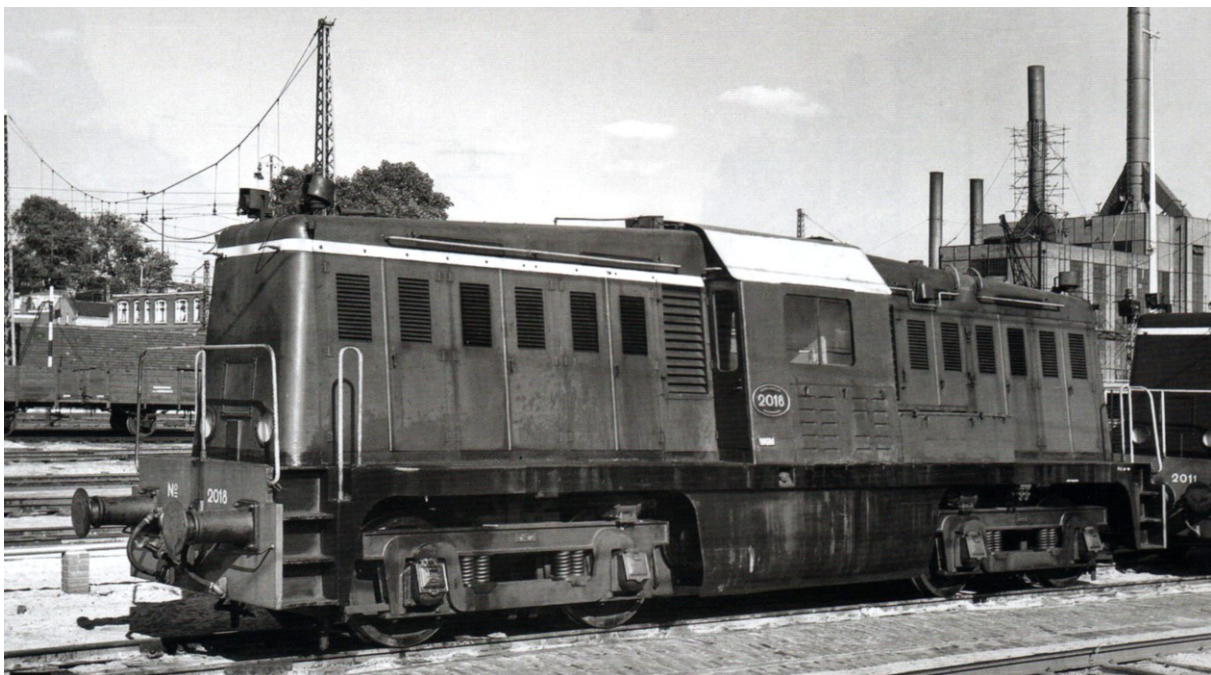


1 Background

1.1 NS series 2000

The Dutch State Railways (NS, Nederlandse Spoorwegen) locomotives series 2000 resulted from a large range of diesel-electric road switchers that during the years 1943 and 1944 were constructed by the Whitcomb Locomotive Corporation under an US Army Transportation Corps (USATC) contract. The design reflected the somewhat limited British railway clearances, compared to US practice. This feature enabled the storage of these engines on English tracks while awaiting the liberation of Europe. From 1943 on many representatives of the type could be found in Italy in support of the Allied campaign that was staged there. When hostilities ended in 1945 many Whitcombs that were not returned to the US ended up as surplus to requirements in an army dump in Northern France. NS purchased 20 of them and had 19 engines overhauled by their Tilburg Central Maintenance Facility, cannibalizing the 20th unit in the process. After that, they were pressed into service as series 601-619.

Soon after that persistent problems came to light with the cylinder heads of the original Buda engines. Because of that it was decided in 1953 to replace alle Buda engines by locally manufactured engines. At the same time all units were renumbered from 2001-2018 (number 603 had developed frame problems and had to be scrapped). The locomotives were mainly driving local goods trains, e.g. transporting crude oil in the North of the Netherlands, but could also be seen in front of local passenger services. When the series 2200 and 2400 made inroads in the NS locomotive roster the Whitcombs were gradually redrawn and had all been scrapped by 1960.



NS engine no. 2018 photographed at Utrecht CS on July 26, 1956 (Collection NVBS-Railverzamelingen/J.A. Bonthuis).

2 Rolling stock

2.1 WG NS 2016 ex-USATC 8478 and WG NS 2017 ex-USATC 8479



This release contains two versions of the Dutch Whitcombs. First, two locomotives are modelled after their final version that could be spotted in the Netherlands during the fifties, representing numbers 2016 and 2017, respectively.

2.2 WG USATC 8478 and WG USATC 8479



These Whitcombs have been reproduced in their wartime livery, bearing their US Army numbers USA 8478 and 8479. The USATC-version will do fine in combination with WW II rolling stock addons that has been released for TS 20xx by Victory Works.

3 Driving the Whitcomb Road Switcher

3.1 Cabin Layout



1	Train brake pipe/brake cyl. pressure gauge		12	Speedometer	
2	Main reservoir gauge		13	Traction current truck II	
3	Traction current truck I		14	RPM engine II gauge	A D
4	RPM engine I gauge		15	Overload current status	
5	Train lights status		16	Train lights switch	Headlights
6	Shunting lights status		17	Cabin light switch	
7	Shunting lights switch		18	Panel lights switch	
8	Wipers switch	Wipers	19	Bell (USATC only)	Bell
9	Sander switch	X	20	Loco brake handle	[]
10	Horn	SPACE BAR	21	Train brake lever	; ';
11	Reverser	W S	22	Throttle	

3.3 Putting the NS 2000 into action

In TS the fuel storage capacity can be used to enliven scenarios. Every scenrio developer can adjust the initial fuel volume with the scenario editor (SE). After having placed an engine on the tracks it can be selected with a double left mouse click. In the upper right hand of the editor screen a parameter window will be shown:



The orange square can be shifted by clicking at the desired storage level.

4 Installation

The Wilbur Graphics NS 2000 will be available as a .rwp-file and must be installed using the TS Utilities program:

C:\Program Files (x86)\Steam\SteamApps\common\RailWorks\Utilities.exe

In the window that will be shown at the start, select the tab `Package Manager` and click on `Refresh`. Next, click on `Install` and select the file:

WG_NS2000_V1_2.rwp

Please see the *release notes.txt* for the latest changes and improvements.

Important: To ensure a correct functioning of some animations (sounds and loco personnel) standard DTG Assets must be linked to the route that you will drive your loco on. This can be done in either the scenario editor or the route editor. The screen print below has been made from the SE, but both editors operate in the same mode as far as the linking of providers is concerned. Make sure to select the little blue cube with an orange triangle at the left of the editor window. At the right side a menu window will be shown in which you select DTG as provider. Next, a connection can be made by checking the tick boxes on the 'Academy' line:



5 Copyright

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