Train Line Gartenbahnen – Made in Germany

Manual HSB Dampflok 99 6101 „Pfiffi“

HSB Dampflok 99 6101

Analog (Artikel-No. 2012001)

Digital/Sound (Artikel 2012012)

(Artikel-No. 2012001)

The model

The HSB Steamlocomotive 99 6101

In 1915, two small locomotives were tested on a branch feeder, which was specially designed for three-annen-gues. The runner-up of this test was the military fieldbus. These were today's 99 6101 and 99 6102 - also known as "Pfiffis". The locomotive with the Henschel factory number 12879 bought the NWE of the army field railway. Today's 99 6101 is a hot steam version. The wet steam version with the factory number 12880 first provided your service on the Nassauischen Kleinbahn and came 1920 to the NWE. Both machines were primarily used for maneuvering and touring.

After the Second World War they also served in the meantime on the Selketalbahn. When the new machines were switched to oil main firing with the beginning of the eighties, the 6102 had to serve as a heating locomotive for the neubauloks. The other "Fiffi" was equipped with a railway station wagon as a tow bar and was "abused" to heat the workshop in Wernigerode Western gate.

In the middle of the eighties there were numerous derailments with the "Pfiffis" in the Selketal. The Reichsbahn Directorate Magdeburg then prohibited the train service with these machines. The "Pfiffis" were still to be used only for the roll barge traffic to Hasserode. Nevertheless, these machines were equipped with a braking system for brakes of braked brakes. Both machines had already been equipped with an air pump. However, the time at which the air pumps are installed can not be precisely determined today. We would be very grateful if someone could provide us with documents on this subject. Originally the "Pfiffis" had no air pump at all! Since the equipment has been equipped with a compressed air brake, the locomotives carry the main air tank at the back of the cab.

The reason for the mentioned derailments, however, was not so much in the case of machines, but in the then desolate state of the tracks in the Selketal. In addition, a larger coal deposit had to be carried on the driver's cab, which contributed to the relief of the first dome axle. Another reason was a rough driving of some locomotive drivers.

The two locomotives were parked for several years. In the meantime, both machines were processed by HSB. However, the 6102 is currently not operable and the 6101 is currently undergoing extensive improvements.

(Quelle www.hsb-wr.de)

The model

through the use of special plastics, the model of Train Line is robust and weatherproof and therefore suitable for indoor and outdoor use.

This detailed model has the following features:
-A powerful Bühlermotor
-Stainless steel wheels
-Current consumption on six contacts
-Adhesive tape on the rear axle
-Two driven axles
-Radial contacts for the pulsed smoke generator and sound
-Poti for the volume control in the Sanddom
-Prepared boiler fire for the digital operation
-Multi-position switch 0-1-2
-Pulsed smoke generator
-2.65kg total weight for a high traction
-High quality plastic, dyed, primed and varnished
-Many details and attachments
-Robust and robust design for all-year operation on the garden rail system
-Automatically changing direction of travel
-Real coal for the coal box
-Pipette for easy filling of the smoke generator
-Another tow hook

More Information

removal of the model
Carefully remove the model from the styrofoam packaging so that the components such as pressure pipes, handrails, compressed air lines, etc. are not damaged.

power supply
The model has a Bühler engine, seven lamps and a pulsed smoke generator. Please use a transformer with at least 2A power, 0-22V voltage.

multipart switch
The multi - position switch (positions 0 - 1 - 2) in the back of the boiler in the cab allows the locomotive to be parked despite driving.
Position 0: locomotive off
Position 1: Light on, motor on
Position 2: light on, smoke generator on, motor on

lighting
In the cab is a lighting that lights in both driving directions. The driving light is connected in the direction of travel.

engine
The built-in baler motor drives the front and rear axles. The central axle is carried along by the linkages. The gears are made of highly durable plastic.

pulsed smoke generator
The pulsed smoke generator is built as standard under the chimney and is effective from a low operating voltage. For this, the chimney with the supplied pipette is filled with up to 3 ml of commercial steam oil (for example, article 3064500).
The pulsed smoke generator can be operated "dry" without steam, without damage, but a longer operation without steam must be avoided!
Inside is adequate ventilation to worry!

radius
Due to the movably installed central axis the model also runs through the narrowest radius of 60cm.

preparation for the boiler fire
The boiler fire is already prepared in the analogue model so that the function is present in a later equipment with a DCC decoder here without further cabling and installation work.

Power consumption over wheel sets

The locomotive has four grinding carbons on the outer axles and two grinding pads in the center. If the current consumption is not sufficient, two additional grinding coals can optionally be installed on the central axis. The mounting for this and the parts are included.

IMPORTANT SAFETY INSTRUCTIONS:

No toy

This model is not suitable for children under 14 years

The abrasions on the mechanical parts which are possible due to the driving operation can leave impurities on the substrate. In the case of damage Train Line Gartenbahnen GmbH assumes no liability whatsoever.

As a service, we provide spare parts for our models. If a component is defective in operation, you can order it from us.

We wish you much pleasure with the steam locomotive and always enough steam in the boiler!

Your Train Line Gartenbahnen GmbH Team

Digital the following functions can be switched:

Funktion	Soundslot	Funktionsdescription
F0	12	Front light
F1	12	cabin light
F2	15	whistle long
F3	14	whistle short(1)
F4	1	bell
F5	21	conductor's whistle
F6		Shunting position
F7		smoke generator
F8		sound on/off
F9	4	air pump fast
F10	19	Coal shovels
F11	18	auxiliary blower
F12	16	Decoupling noise + waltz
F13	10	brakes noise
F14	2	Safety valve long
F15	7	Injekteur
F16	6	whistle short(2)
F17	3	Bow squeaking
F18	5	air pump slow
F19	17	Coupling and start air pump
F20	13	buffer kiss
F21	9	drain
F22	20	sludge
F23	8	safety valve 2x short
F24	11	Steam flows

Zimo decoder manual http://www.zimo.at/web2010/documents/MX-GrosseDecoder_E.pdf