

BEC-KITS Nr. 33 Schörling Railgrinder

This type of railgrinder was delivered to (amongst others): Amsterdam, Augsburg, Cologne, Düsseldorf, Essen, Frankfurt/Main, Hamburg, Karlsruhe, Munich, Nuremberg, Prague, S.N.C.V. (Belgium), Vestische Strassenbahn, Vienna.

We recommend that the modeller obtains a colour photograph of the prototype to determine the exact car to be modelled. Study the drawing carefully, read the instructions and have a dry run to familiarise yourself with the various parts. Assemble the kit with a modern, quick-drying epoxy resin glue or a Cyanoacrylate superglue. This kit can be soldered together, **BUT** this is not recommended unless you are **VERY** experienced with a temperature-controlled soldering iron.

Paint as many of the parts as you can before assembly. Be careful not to paint any edges/surfaces where glue is to be applied. Cut the glazing strip to cover the inside of all the window areas and fit inside before assembly, being careful not to foul the bonding surfaces of the parts to be glued together.

If a working trolley pole (not supplied) is to be used for electrical pickup, determine the method of fitting and wiring, whether the 2-rail pickup truck (**ME24S09** motorised truck available separately) needs rewiring and whether the trolley pole needs to be insulated from the body and wired to the motor.

Assembly Instructions

- 1 Carefully glue the nuts (10) into the locators on the platforms (3).
- 2 Glue the car ends (2) onto the platforms (3). When set, add the control panels (5).
- 3 Glue the car sides (1) onto the top of the platforms (3) and to the car ends (2), making sure that the whole assembly is square.
- 4 Glue the trucksides (7) to the insides of the car sides (1). When set, slip the traction unit (6) into position and secure with the screws (9) into the platforms (3).
- 5 Glue the bulkheads (4) in place between the car sides (1).
- 6 Glue the steps (8) to the underside of the door panels.
- 7 Glue the lifeguards (12) and the lifetrays (13) to the underside of the platforms (3).
- 8 Glue the bumpers (14) in place on the fronts of the platforms (3) and add driver's seats (11).
- 9 Glue the trolley plank (16) onto the roof (15). When set, add the roof lamps (18), trolley guards (17) and the trolley pole (19).
- 10 Paint the inside of the car and carefully glue strips of glazing material in place.
- 11 Finally, add the roof assembly to the car body.

Every care has been taken in checking and packing this kit. Should any part be defective, please return the incorrect part only for free replacement.

Painting (Hamburg Livery)

Medium grey:	Car body (1951 - 1956)
Orange (RAL 2000):	Car body (1957 - 1978)
Light grey:	Roof, trolley plank and all roof fittings
Black:	Rainstrip, lining, collision fenders, bumpers, trucksides, lifeguards, lifetrays, steps and trolley pole.
Grey:	Floor
Grey-green:	Interior

Fleet Numbers (Hamburg)

Railgrinder 1704, built 1952 (3 end windows); in 1954 renumbered **2039**; in Jan. 1959 renumbered **2145** (1 large end window); in Dec. 1968 renumbered **3982**; scrapped in 1974.

Railgrinder 1705, built 1951 from Schörling (with 4 side and 3 end windows); in Dec. 1954

renumbered **2040**; in March 1960 bought by Frankfurt/Main, later by Karlsruhe.

Railgrinder 1706, built 1952 (3 end windows); in Dec. 1954 renumbered **2041**; in Dec. 1960 renumbered **2141**; scrapped in Feb. 1962.

Railgrinder 2144, built 1957 from Schörling (with 1 large end window); in Dec. 1968 renumbered **3983**. This car continue in service until the end of the Hamburg tramway system in 1978. It is now preserved in the German Tramway Museum near Hannover (open air).

Bibliography:

Höltge, Dieter und Kochems, Michael. 2008. Strassen- und Stadtbahnen in Deutschland. Band 11: Hamburg. (2161 colour photograph) EK-Verlag GmbH. ISBN 978 3 88255 392 5.

Hoyer, H. 1994. Die Hamburger Strassenbahn. Wagenpark Teil 3: 1945 bis 1978. Verein Verkehrsamateure und Museumsbahn e. V., Hamburg (VVM). (pages 117-118, 128-129)

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