BEC-KITS

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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, Nuremburg, Prague, S.N.C.V. (Belgium), Vestische Strassenbahn, Vienna. We recommend that the modeller obtains a photograph of the prototype to determine the exact car to be modelled. Study the drawing, 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.

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

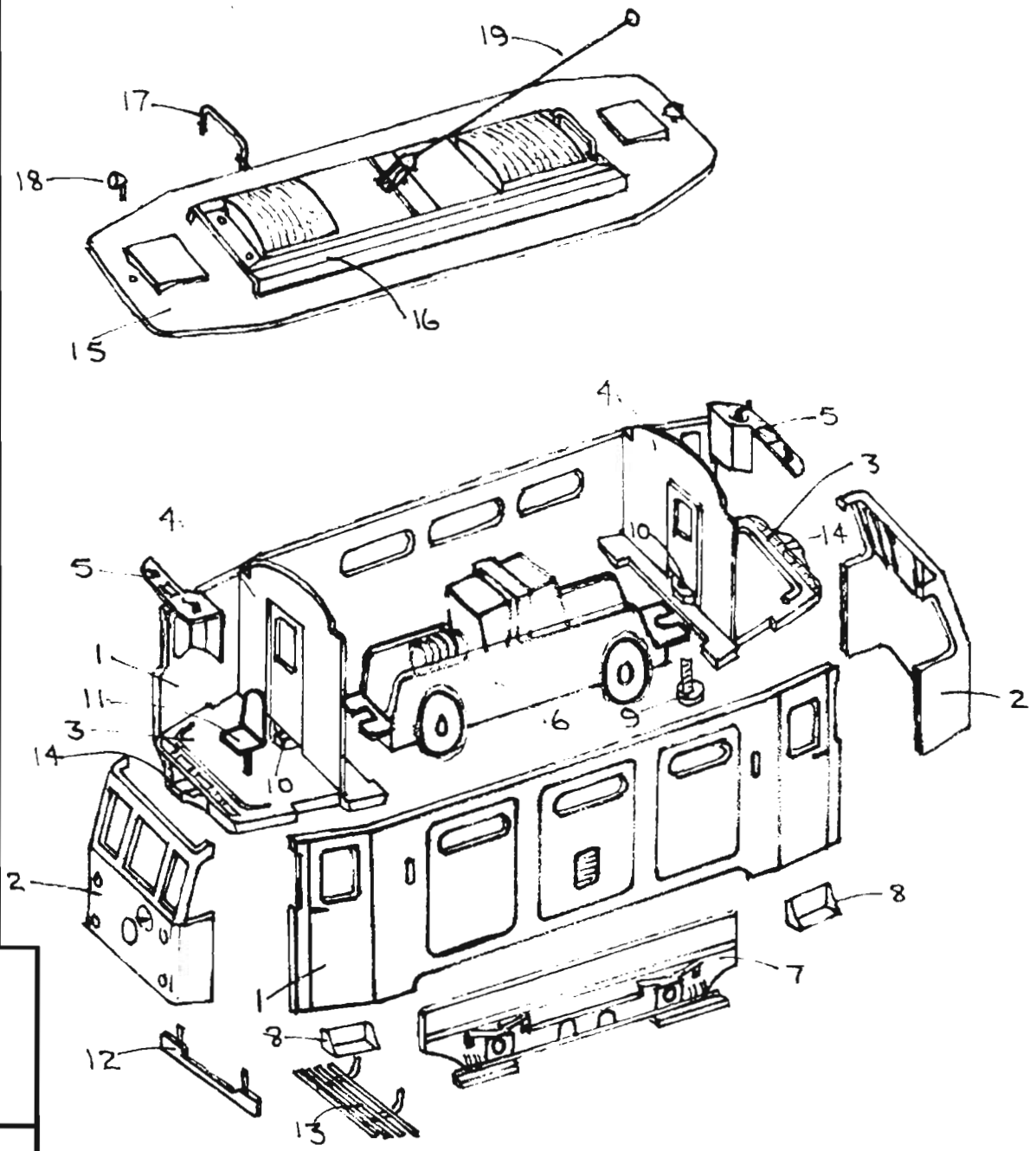
Fleet Numbers (Hamburg)

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).

Acknowledgements

We would like to express our thanks and appreciation to the Car Building Firm SCHÖRLING in Hannover and to Mr Helmut Gieramm of Hamburg, for supplying the scale drawings and photographs used in the construction of this kit.

1.	2	Car sides	Wagenkasten-Seiten
2.	2	Car ends	Stirnwände
3.	2	Platforms	Plattformen
4.	2	Bulkheads	Zwischenwände
5.	2	Control panels	Fahrschalter
6.	1	Unmotorised Truck	Unmotorisiert Fahrgestell
7.	2	Trucksides	Fahrgestellrahmen
8.	4	Steps	Trittstufen
9.	2	Screws 8 B.A.	Schrauben
10.	2	Nuts 8 B.A.	Muttern
11.	2	Driver's Seats	Fahrersitze
12.	2	Lifeguards	Fangschutz-Tastbretter
13.	2	Lifetrays	Fangschutz
14.	2	Bumpers	Puffer
15.	1	Roof	Dach
16.	1	Trolley plank	Dachaufbauten mit Widerständen
17.	2	Trolley guards	Stangenstromabnehmer-Schutz
18.	2	Roof lamps	Dachlampen
19.	1	Trolley pole	Stangenstromabnehmer
	1	Driver	Fahrer
	1	Glazing	Verglasungsmaterial
	1	Decals	Hamburg Abziehbilder



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