

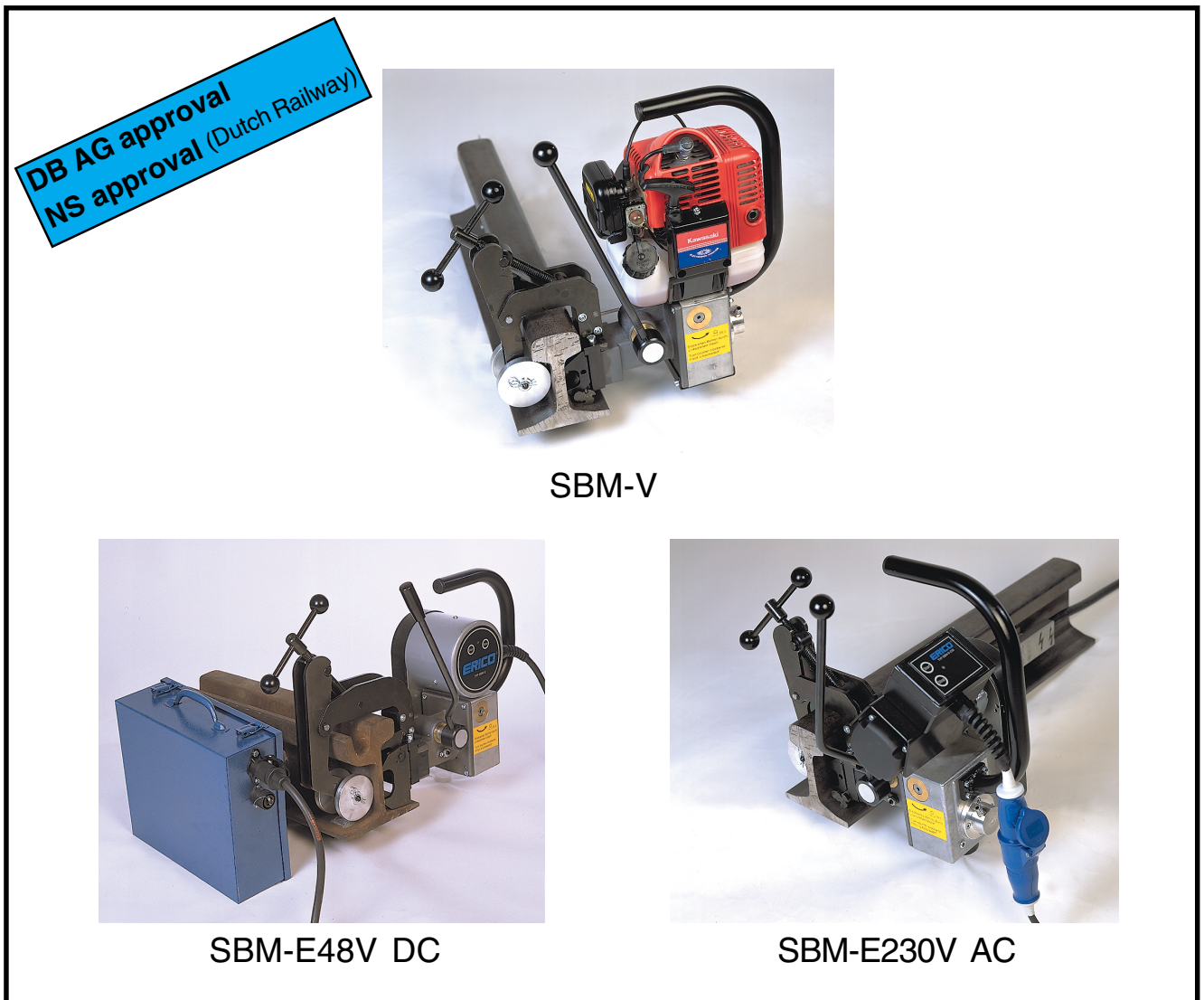
# Rail drilling machines

SBM-V

SBM-E48V DC

SBM-E230V AC

Rail drilling for one-man operation  
Our whispering machines



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**ERICO**<sup>®</sup>

# Rail drilling machines

SBM-V

## The facts

SBM-E48V DC

The requirements of Deutsche Bahn AG and the local transport companies for rail drilling technology in the overhead conductor, track laying and signal engineering fields are very different and today are covered by a large number of special drilling rigs.

SBM-E230V AC

The highest priority for ERICO was therefore to translate customers' requirements during the development of the new 2-stroke, battery-powered and 230V rail drilling machines. This resulted in light, easy-to-handle and compact universal drilling machines which can be used in overhead conductor installation, for the ERICO SK and DSK rail contact systems, as well as in control and safety engineering and track laying.

The new rail drilling technology has the following features:

- Simple attachment by rapid clamping device at the rail head or rail foot (profile-free and can be overrun)
- Universal rail section template for standard rails used by Deutsche Bahn AG
- Rail section templates can be supplied for all rail profiles
- Very low weight and therefore easily transportable
- Short achievable drilling times thanks to optimum speed adjustment

Drilling without coolant is now possible for the first time thanks to ERICO's new drill technology.

Alternatively the operator can also use conventionally-cooled hollow milling cutters (core hole cutters)

The necessary coolant reservoir is included.

All makes of rail drills with a 19mm Weldon shaft can be used.

## Rail drilling machines

### The data

	SBMV (Combustion engine)	SBM-E Electric motor 48V	SBM-E 230V
<b>Part.No.</b>	715685 (267 U/min) or 715480 (212 U/min)	715400	715406 (220rpm) oder 715404 (280 rpm)
<b>Weight:</b>	13 kg	12 kg	ca. 12 kg
<b>Ext. dimensions (L x W x H):</b>	330 x 480 x 270 mm	330 x 480 x 270 mm	330 x 450 x 250 mm
<b>Power output:</b>	1400 Watts	approx. 1000 Watts to 1800 Watts	1400 Watts
<b>Speed:</b>	267 U/min or 212 U/min	390 U/min	280 or 220 U/min
<b>Hole diameter:</b>	9.5 – 36 mm	9.5 – 36 mm	9.5 - 36 mm
<b>Drive:</b>	2-stroke engine	48 V/DC – disc-rotor motor,	Three-phase current
<b>Kit includes:</b>	Drill, coolant reservoir, carrying case, Tool kit	Drill, coolant reservoir, carrying case, tool kit, battery pack, charger	Drill, coolant reservoir, carrying case, Tool kit
<b>Other accessories:</b>	Universal template for S 49 / S 54/ UIC 60 (Part No. 715365)		
<b>Rail profile template:</b>	For insulating butt joints, axle counters, etc.		
<b>Gap gauges:</b>	-		
<b>Rail mounting:</b>	<ul style="list-style-type: none"> <li>- Mounting arm with quick release over rail head BSK1 (ERICO No. 715360) for Vignol rails</li> <li>- Mounting arm with quick release over rail head BSK2 (ERICO No. 715370) for grooved rails</li> <li>- Mounting arm on rail foot BSF1 (ERICO No. 715380) (can be overrun)</li> </ul>		

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