

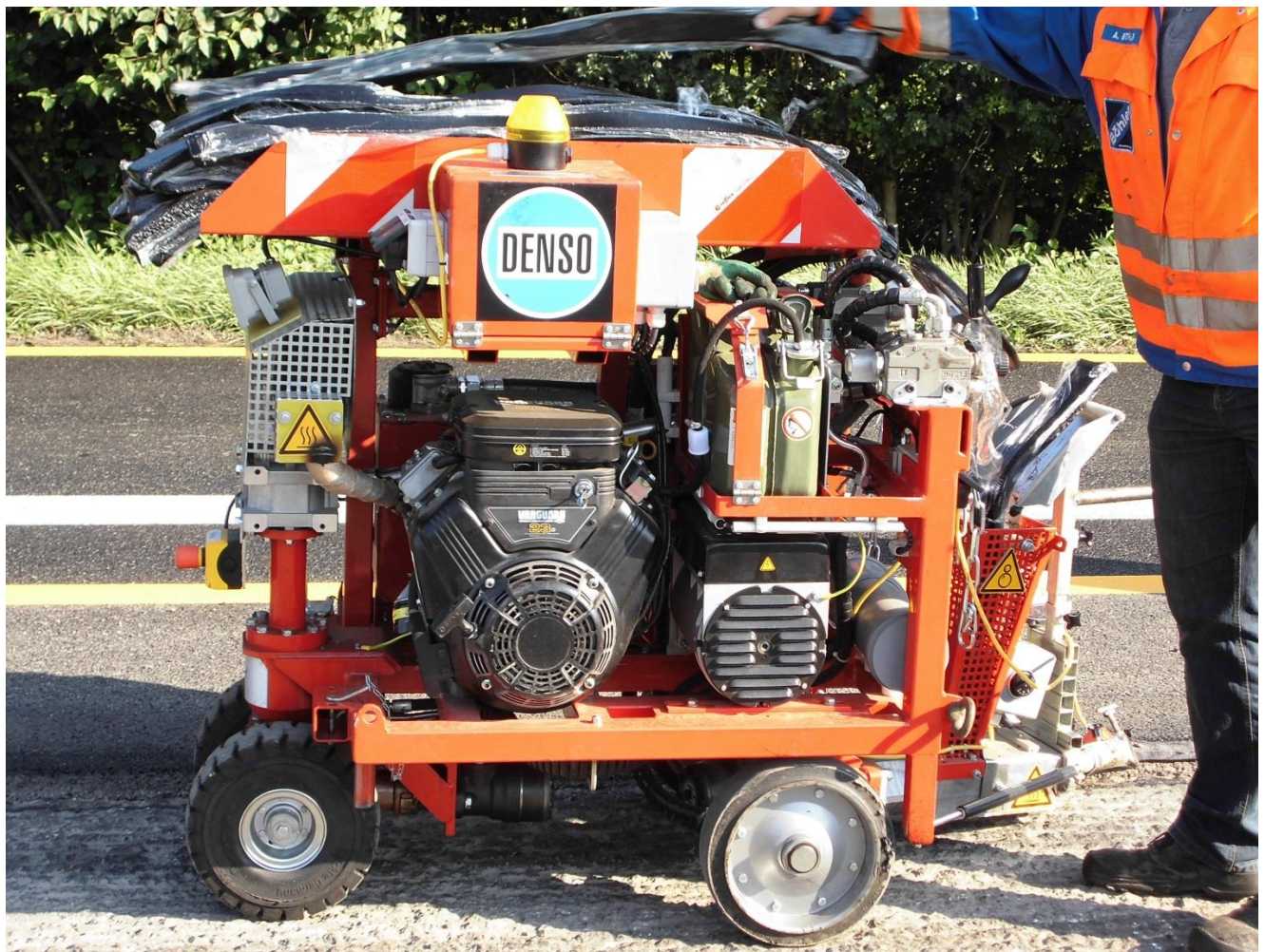
TOKOMAT®

Application Machine



Special Advantages:

- ✓ Practical and versatile.
- ✓ Quick and precise application of the bitumen joint tape.
- ✓ Average installation times of 10–15 m/minute.
- ✓ Also perfect for use in installations and concrete safety barriers, as per ZTV Asphalt-StB.



TOKOMAT® – for the formation of joints at milled and cut flanges

For a century now, DENSO Group Germany represents experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany establishes and guarantees the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Fields of Application

An increase in the loads placed on road structures – especially due to the significant upsurge in HGV traffic – necessarily leads to increased maintenance work on our trunk roads and motorways.

Renovation work on damaged traffic lanes has now become an indispensable form of modern construction work.

The connection of the new road surfaces to the existing road surfaces is to be formed as a joint, in accordance with industry regulations (ZTV Asphalt-StB). Bitumen joint tapes can be used for this purpose.

Milling off the traffic lane creates a milled edge with a predominantly rough surface structure.

Flanges of this kind are not especially suited to the typical techniques for joint creation:

- **Cutting and filling with hot-poured compound**
- **Bitumen joint tapes**

As practice shows us, this method is unsuited for properly meeting surface roughness requirements.



TOKOMAT® is a practice-oriented solution!

TOKOMAT®-System focuses in particular on such rough flanges to offer a practice-oriented solution that can really be viewed as ideal.

With this extrusion tool, proven over decades of use, the polymer-modified bituminous compound **TOK®-Riegel** is applied on site to the suitably pre-treated dry flange at the correct profile and height.

The suitability of this process has been shown by drill core analyses. The process fulfils all of the requirements of ZTV Fug-StB 01 regarding fusible bitumen joint tapes – even after over 5 years under heavy traffic.

TOK®-Riegel have been tested according to TL/TP Fug-StB 15 both as bitumen joint

tape and rail joint pouring compound, and have met all of the requirements.

The joint is applied in one work step directly to the flange at the correct location. Once asphalt construction is complete, building site work is complete and no additional dirt is created by the subsequent cutting of joint spaces, for example.

TOK®-Riegel

This joint compound is a bar form of the famous **TOK®-Band** – which has been well-known and in continuous development for decades.

This soft, warm compound easily fills out even irregular rough surfaces directly on-site on the joint flange, ensuring the creation of a secure and professional joint seal.

The motor-driven **TOKOMAT®** is equipped with a storage shelf with which the **TOK®-Riegel** can be stored and fed to the machine while working.



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