

# What's that again?

I asked myself this question three years ago when I was introduced to the Sponge-Jet system. It is a new type of blasting system that we primarily use to clean the undercarriage.

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**T**he Sponge-Jet company is the world's leading manufacturer of dry, low-dust, recyclable abrasives and associated high-performance equipment. The method is used in over fourteen industries and recognized for surface preparation and maintenance.

## What is so special about this process?

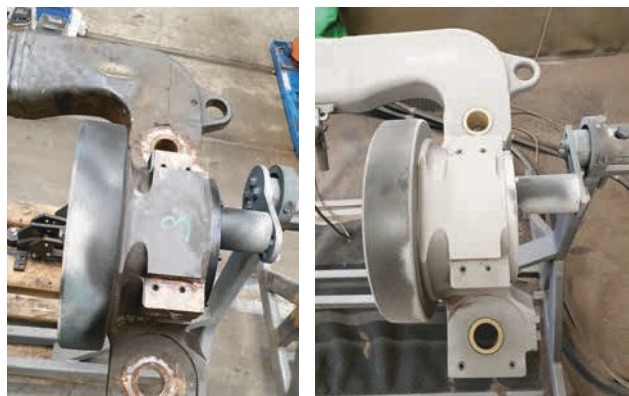
The media used for blasting: these are small sponges, hence the name Sponge-Jet. Sponge in English means "sponge". It should not be confused with the cartoon character Spongebob. Thanks to the large selection of abrasives, the media can blast both abrasively and non-abrasively. It is possible to achieve any roughness in exactly the same way as with other blasting methods. In fact, there are more than 20 Sponge Media abrasives available. These are divided into four categories: Non Aggressive, Moderately, Lightly and Highly Aggressive. Another advantage, apart from the variety of the abrasive products, is its reusability. Depending on the application, up to 95% of the abrasive can be recycled and reused with a special recycler.

## Why did BERNMOBIL buy a Sponge Jet system?

The main tram workshop is currently running 8-year or 16-year revisions on the Combino Trolleys. In a revision, not only parts are replaced. A large part includes cleaning and checking various components. The Sponge-Jet system helps us enormously. The individual components of the undercarriages are cleaned faster and more thoroughly and the chlorides on the surfaces are removed. ■



At BERNMOBIL we currently use Silver 30 Sponge Media and Silver 60 Sponge Media. Both are abrasive.



**TOP:** When blasting with Sponge-Jet, the dirt is bound and does not swirl through the air, as is the case with ordinary sandblasting system. Working is therefore much more pleasant, and chlorides do not adhere to the surface.

**BOTTOM:** Landing gear before cleaning with the Sponge-Jet system on the LEFT, and then you can clearly see the more thorough cleaning effect on the RIGHT.