



**BREINING**  
FAYAT GROUP

# JOINT SEALER

EQUIPMENT USED TO REPAIR CRACKS AND TREAT JOINTS



# Crack repair

*Crack repair is an essential operation in the maintenance of flexible road surfaces.*

In order to comply with trade standards, the repair must imperatively follow three steps:

- The crack must be cleaned using a thermal lance (Hot Dog),
- The crack must be filled,
- The completed repair must be gritted.

The purpose of the JOINT SEALER is to heat the product to its application temperature (about 180°C). It is also used to pour it into the crack using a lance and a bridging shoe. The JOINT SEALER is fitted with a pump to pour the product. A pre-melting grate can be used to store solid blocks of bitumen mastic before use.

The thermal lance is used to clean the crack using hot, compressed air.



Crack repair using a Hot Dog



Crack repair

Crack repair



Protective gritting





MONO AFU K

MONO 500 FU



MONO 500 AFU

MONO 500 AFU TK



## JOINT SEALER models

*The joint sealer specifications must be chosen depending on the organisation set up on the work site and the type of the work site.*

*There are two models of JOINT SEALER. A trailer-mounted model and another on a skid to be placed on a truck bed. In both cases, the JOINT SEALER can be combined with a compressor to supply the thermal lance needed to clean the crack, and with a gritting unit.*

### **AFU trailer-mounted JOINT SEALER**

The MONO 500 AFU JOINT SEALER has a 500 litre melting tank. It is fitted with a mixer and oil-bath heating to raise the product to its application temperature.

The trailer can optionally be fitted with a drive wheel to move the trailer on the work site autonomously.

The standard version of the joint sealer is fitted on a single axle trailer, and on a two axle trailer when the compressor option is chosen. (MONO AFU TK version).

### **FU skid mounted JOINT SEALER**

The MONO 500 FU JOINT SEALER has the same base specifications as the trailer - mounted version.

The skid-mounted version can be fitted on various trucks. It is completely stand-alone from an energy point of view thanks to its own combustion engine.

# Additional applications: joint and seal filling

*JOINT SEALERS can be used for other types of work, including joint filling. Concrete slab joints in airports, tram line rail joints, paving joints or bridge joints are common uses of JOINT SEALERS.*

*JOINT SEALERS can also be used to melt sealing products. This is the case for lengthways joints or side joints on bitumen coating products. In this case the product is spread using a bar heated by a thermal fluid.*



Joint at an airport



Rail joint

Hot bitumen slurry



Hot bitumen slurry sealing

