

GROUTING TECHNOLOGY *from A to Z*

EVERYTHING YOU NEED FOR PERFECT JOINTS & CRACK REPAIRS



TRAINING COURSES
ON SITE



BEST
DELIVERY



OPTIMAL
STORAGE



PERSONAL
CONTACT PERSON

EXPORT
INTERNATIONAL

ENGLISH



The whole range of JOINT GROUTING TECHNOLOGY

FROM A TO Z...

...WITH EVERYTHING YOU NEED.

We are a full-range supplier covering everything from A to Z with innovative grouting technology such as combi-kettles, hot-air lances, joint & crack routers from Richard Rupprecht GmbH, large kettles from Linnhoff & Henne GmbH & Co. KG, and our own high-quality Nadler grouting compounds.

Draw on more than 50 years of experience and let us put together the perfect solution for your needs. At Nadler, you can also rent equipment and request demos.

We also train your employees and making you specialists in joint technology.



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Specialist user training for JOINT AND CRACK GROUTING

We train you to close cracks and joints effectively to reduce further damage and warranty defects in the future.

>> Go to page 15 for more information.

AKADEMIE.STRASSENTECHNIK.DE



GOODS INCOMING

Once the goods have been produced, they go to our distribution warehouses in **Schweitenkirchen (Bavaria)** and **Barleben (Saxony-Anhalt)**.

The warehouses guarantee fast delivery of our goods throughout Germany and Europe.



GOODS SAFE STORAGE

Once at the warehouse, goods are kept frost-free and ready for you in our heated warehouse buildings.

VOLLER EINSATZ

You order potting compound by 4 p.m. and, depending on the shipping method, receive fresh goods the very next day.

All thanks to our committed backoffice team, giving it their all every day. The lorry does not leave until your goods have been loaded.



GOODS OUTGOING

At goods outgoing, your goods are packed so that you can work with them immediately, starting from just a single bucket.

The goods then arrive at your door in 24 hours.

Goods ordered



Goods reach you

MADE IN GERMANY

All our equipment for crack & joint repair are made in Germany. 99% of our grounding compounds are also produced in Germany.

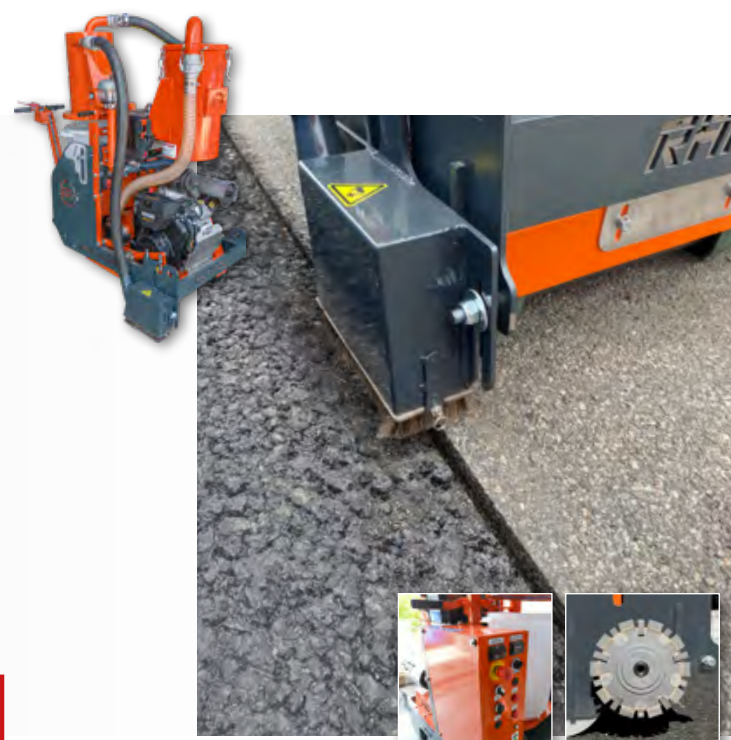
You can rely on our great quality for maximum performance on your construction sites.





JOINT PRODUCTION & PREPARING CRACKS

Self-propelled crack and joint routers with and without extraction for all standard applications.



CRACK AND JOINT ROUTER with extraction

Whether repairing crack damage or installing connection joints, the R-A-F 2023 is a great choice thanks to its practical features and ease of use.

The electro-mechanical drive, one-hand operation and the manoeuvrable chassis mean that even complex cracks can be prepared precisely for grouting.



up to **5.000** rpm



NO DUST
thanks to extraction

HYDRAULIC CRACK ROUTER HRF-L Slow-turning crack router with drive

Tungsten carbide crack router for repairing crack damage, installing connection joints and repairing joints.

In contrast to fast-rotating cutting tools, the HRF-L produces a rough joint edge, which ensures an excellent connection between the grout and the existing asphalt surface.



0 to 400 rpm

F-REX

Fully hydraulic joint cutter with extraction

The fully hydraulic system delivers consistent cutting results from start to finish. There is no belt drive or wear on driving elements – meaning minimal maintenance and operating costs.

Whether adjusting the speed of the grouting blade, the dynamics of the steering or the speed of the machine - everything can be controlled hydraulically.

The new extraction system automatically adjusts to the cutting depth.



**Virtually
maintenance free**



NO DUST
thanks to extraction

JOINT IMPRESSION WHEEL

The joint impression wheel is used to create a consistent joint gap quickly and efficiently using an existing roller.

Easy attachment to the roller saves a lot of time and money.

The joint impression wheel creates a constant joint width during compaction, providing the perfect conditions for hot grouting in the transition from new to old.



**SUPER-FAST
joint production**

JOINT SPACING STRIP

The Nadler joint spacing strip revolutionises the positioning of joints in rolled asphalt surfaces.

The spacing strip can be pulled out after the asphalt has been laid. What remains is a clean joint for grouting.

The innovative Nadler joint spacing strip is available in sizes of 40x15 mm and 50x20 mm. A self-adhesive version of the 40x15 mm size is also available.





JOINT & CRACK PREPARATION

Hot-air lances and joint drying equipment for cleaning and preparing cracks and joints

HOT-AIR LANCES FROM THE KOMP-SERIES KOMP EVO & KOMP SL

The devices in the Komp series combine a hot air lance and compressor in one device. They are suitable as a universal tool for drying, cleaning and preparing joints and cracks for subsequent hot grouting.

The combination of powerful air compressors with the elaborately designed RR hot air lance makes the use of a bulky construction site compressor superfluous - without compromising on quality.

Thanks to the improved air dynamics and increased performance, the joint is blown out with hot air at up to 700 °C. This releases the bitumen from the asphalt surface without burning the asphalt.

KOMP EVO

EVO stands for Evolution. Lightweight variant of the KOMP series.

KOMP SL

The Komp SL also stands out with its doubled air volume of 1200 l/min. This means that even cracks that have not been prepared by milling or cutting can be optimally cleaned of dirt and widened.

	KOMP EVO	KOMP SL
Engine	4,8 kW (6,5 PS) petrol	9,7 kW (13 PS) petrol
Stroke volume	approx. 600 l/min	approx. 1200 l/min
Heißlufttemperatur	0-600 °C smooth adjustment	
Befuerung	11 kg propane gas cylinder	
Gasverbrauch	1,5 - 2 kg/h	
Gewicht (ohne Gasflasche)	approx. 80 kg	approx. 165 kg
Maße (LxWxH)	115 x 70 x 108 cm	130 x 83 x 120 cm



Compressor +
Hot-air lance



Optionally with
driving assistance

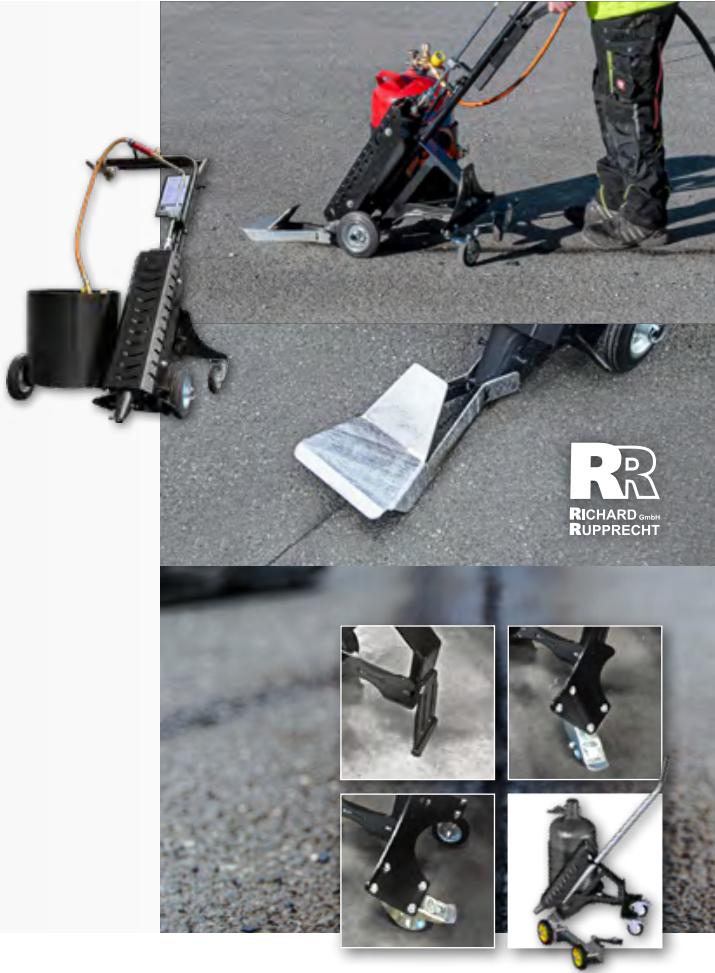
RISSEBOY HOT-AIR LANCE

All-purpose tool for drying, cleaning and preparing joints and cracks for subsequent hot grouting.

The sophisticated design of the heating unit from Richard Rupprecht with separate air ducts guarantees perfect temperature stability and therefore optimum blow-out results.

The robust lightweight design with integrated gas canister holder means you can work comfortably and with minimal effort on every construction site.

An additional module to offset the nozzle is available for working along walls and sides.



0 bis 600 °C



One Hot-air lance
for every job

TORNADO

Hot blower for drying and de-icing joints, asphalt and concrete surfaces on road construction sites.

Equipped with a high-performance turbine, the unit generates a powerful, flameless hot air stream for pore-deep drying and gentle removal of temporary marking materials.

The TORNADO is delivered in a special transport and service box with EU pallet dimensions for easy handling.



Dries
in a flash

GROUTING TECHNOLOGY

Handy equipment and machines to increase your installation speed and quality.

KOMBI-KETTLE KK50

The Combi Kettle combines the melting and grouting processes in a single device and is used as a versatile tool for grouting joints and repairing cracks.

The clever design allows grouting work to be carried out with unmatched flexibility and quality.

The robust lightweight construction and the integrated crane and clamping lugs allow both mobile use and use as a stationary hot grouting kettle.



Optionally available with temperature control and driving assistance. Also available as a stationary kettle!

RR
RICHARD
RUPPRECHT

**ALL
IN 1**

Heat + pour
with one device

Add any extra
you want

ZSK & GROUTING EQUIPMENT

ZSK grouting funnel

Handy and flexible tool for grouting joints and cracks with hot grouting compounds.

The sophisticated design means grouting work can be carried out with great flexibility and high quality, even in confined spaces.

Grouting equipment

From grout block tongs to pouring cans – we have all the equipment you need for every grouting task.



HLK CUBE COMPACT SEMI-LARGE KETTLE

The **HLK-CUBE** is an innovative & compact solution for professional joint & crack sealing. It impresses with its high-quality and sophisticated design, even for the most demanding requirements.

The special safety filling flap for grouting cubes significantly reduces the risk of accidents. The special boiler design protects against thermal overload and ensures uniform and rapid melting.

Constant and precise working temperatures are guaranteed by automatic temperature control and the electric hose eliminates the need for time-consuming cleaning work.

Work can even be carried out at night thanks to the optional LED tower. The lowerable frame with integrated travel drive ensures effortless movement on site.



Capacity
140 liters

**ALL
IN 1**

Heat + pour
with one device



GROUTING TECHNOLOGY

Handy equipment and machines to increase your installation speed and quality.

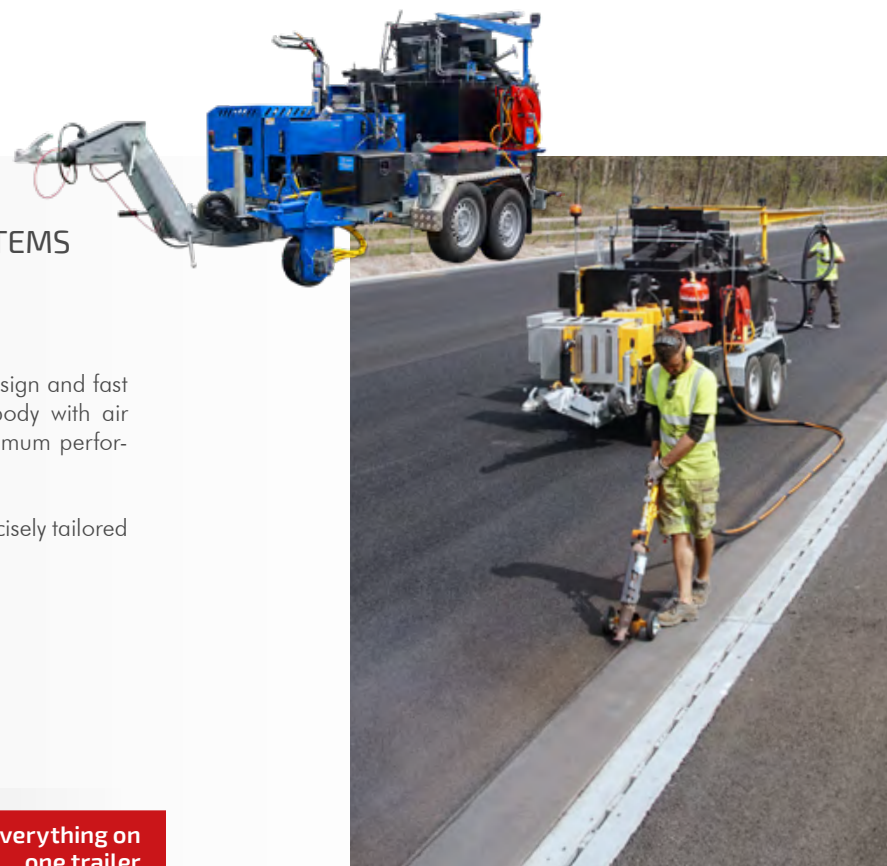
HOT GROUTING COMPOUNDS

Quality hot grouting compounds for all applications from joint grout to sheet pile grouting with maximum yield.

HLK LARGE KETTLES + TRAILER SYSTEMS RICHARD RUPPRECHT

The agitator kettles have an exceptionally robust design and fast heating times thanks to double-walled grouting body with air circulation. Simple and safe operation ensures optimum performance on site.

All agitator kettles are individually designed and precisely tailored to your requirements.



 Capacity
up to 500 liters

**ALL
IN 1** Everything on
one trailer

NADLER JOINT SEALANT N2

Hot-applied joint grout, compliant with DIN EN 14188-1
Type: N2 (low flexibility))

Nadler joint grout guarantees a permanently elastic joint seal with up to 25% movement absorption and meets the requirements of TL/TP Fug-StB 15.

It has exceptional yield thanks to its uniquely low density (1.08 g/cm³) – and therefore delivers more metres per kg!



 Excellent application
even on inclines

 Tested
Quality

 More meters
thanks to high yield


 Sturdy
Packaging

LARGE KETTLES LINNHOFF & HENNE

Indirectly heated cookers with and without thermal oil for fast and gentle heating of bitumen hot grouting compounds.

Available as truck body, truck unload system or as a trailer chassis (1 & 2-axle models available).



 Capacity
up to 700 liters

 Quick
heating time


PLEXIMELT joint sealant made for experts

Innovative joint sealant N2 PLUS (35 % movement absorption), which can be used in asphalt and concrete road surfaces without primer.

The casting compound blocks can be poured directly into the stove. This eliminates the cost-intensive disposal of empty cartons and tinplate containers. It also melts 58% faster than conventional joint sealants.



 Meltable
packaging

 Usable without primer
on asphalt & concrete



HOT GROUTING COMPOUNDS

Quality hot grouting compounds for all applications with maximum yield.

PLASTER GROUTING COMPOUND

Compliant with TL Fug StB 15

15 kg box



TRACK GROUTING COMPOUND

Compliant with TL Fug StB 15

12 kg box



BRIDGE GROUTING COMPOUND

Compliant with DIN EN 14188-1 type N1

10 kg box



RAIL GROUTING COMPOUND

Compliant with TL Fug StB 15

35 kg box



EDGE SEALING COMPOUND

Compliant with ZTV Asphalt-StB 07/13 & TL Sbit-StB 15

25 kg box



GROUTING COMPOUND FOR BIOGAS SYSTEMS

DiBT approval for LAU systems (systems for storing, filling and handling substances hazardous to water)

25 kg or 10 kg box



SEAM GROUTING COMPOUND

Compliant with TL Fug StB 15 & TL Sbit-StB 15

12 kg box



SHEET PILE GROUTING COMPOUND FOR SHEET PILE INTERLOCKS

Compliant with DIN EN 14188-1 type N2 (low flexibility)

11 kg box



INCREASING THE GRIP

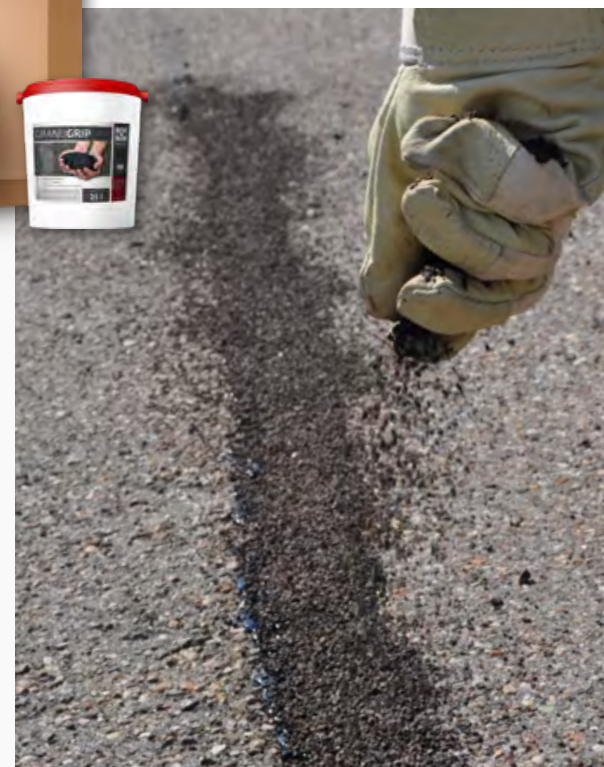
STREWING MATERIAL

Long-lasting, non-slip scattering material for hot and cold casting compounds when repairing cracks and casting joints in asphalt surfaces.

GranuGrip

The innovative, highly abrasion-resistant plastic granulate creates a permanently rough surface as it forms an optimum bond with bituminous sealants.

Its relatively low density prevents it from sinking into the grouting compound.



SPREADER

For use with strewing sand and granulate for strewing joint grout. The output quantity and strewing width can be adjusted on this handy tool.

The swivel wheel makes it a flexible tool that can be used to strew irregular crack lines.

For reliable removal, the spreader has a vibrating function, which can be turned off for easier handling during transport.



OTHER PRODUCTS

Helpful additional products such as strewing material, PE cord and cold grouting compound.

PE CORD AGAINST 3-FLANK ADHESION

The PE inlay cord is used as backfill when grouting joints. It is designed to prevent the grout from adhering to the base of the joint and to ensure the required grouting depth.

To meet requirements of the application, the PE inlay cord is made of high-quality, closed-cell polyethylene foam and is heat-resistant up to 200 °C for a short time.



COLD GROUT BIOLAST 2K SYSTEM

Cold processable, 2-component grouting compound based on reactive bitumen. This innovative cold grouting compound offers not only fast and uncomplicated processing but also excellent resistance to heat, cold, ageing and weathering.

Biolast 2K comes with great permanent elasticity and plasticity. Thanks to excellent durability on asphalt and many other solid building materials, Biolast 2K is versatile for use in many different applications.



PROMATIC TITANIUM HAND-HELD GAS BURNER WITH PIEZO IGNITION

Extremely lightweight hand-held gas burner. The unique ON/OFF function in the handle provides maximum safety at work.

The bayonet lock means you can change the burner faster than any other burner.

The 360° rotatable hose connection prevents the hose from twisting and lets you work stress-free.



USER TRAINING

Increase the quality of your work with trained personnel.

Specialist user training for JOINT AND CRACK GROUTING

After training, you will know how to grout joints and cracks AND CAN GET GOING STRAIGHT AWAY!



We train you how to optimally close cracks and joints so that less consequential damage and warranty defects occur in the future.

USER-CENTRED TRAINING

- Training package divided into theory and practice
- User-oriented and hands-on – the course participants get their hands dirty too
- Test and proof of training
- Immediate increase in the quality of work, which means: More performance with more durable installation quality with the same personnel in the same time!

EXPERTS FROM PRACTICAL EXPERIENCE

- More than 25 years of know-how
- Trainers with experience & passion
- Tips & tricks from the pros
- The latest techniques



For these and other training courses, go to
AKADEMIE.STRASSENTECHNIK.DE





STRASSENTECHNIK.DE

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