FRIALOAD–
it's so easy

Vacuum clamping is the future.

FRIATEC

aliaxis

The optimal clamping technology for all saddles

Thanks to vacuum technology, FRIALOAD makes it easier, faster and safer to clamp saddles of all types than ever before. Cumbersome tensioning of belts? Time-consuming lifting by hand? FRIALOAD saves all this work. Everything is easy – with a solution that is suitable for a wide variety of saddles.

FRIALOAD is so easy

The battery-powered PUMP creates a vacuum and maintains it as needed. The saddle is sealed with the help of two PLATES, possible for saddle outlets with diameters from d 160 to d 400. The tightness can be tested directly on site.

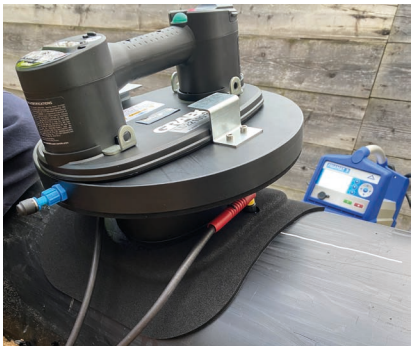
Compelling advantages for the user

FRIALOAD offers more efficiency and ease at the construction site. It is easy to carry and can be operated independently of other power sources thanks to its rechargeable battery. Installation time is reduced considerably because it is not necessary to tighten any belts. In addition, only a small part of the pipeline needs to be accessible, making large-scale excavations unnecessary. Safety and quality also increase. The vacuum ensures a uniform distribution of pressure during fusion and in the cooling phase, and thus a reliable result.

Vacuum in short:
We use vacuums in many parts of our lives, whether it be to lift plates or discs, preserve food, or keep drinks hot or cold in thermos flasks. The term vacuum comes from Latin ("vacuus" for empty). It describes the state of a gas in a volume at a pressure below atmospheric pressure at sea level of about 1 bar. Only about 80 percent is usable technically. A maximum of -0.8 to -0.9 bar can be reached, depending on the respective air pressure and geodetic altitude.

The self-adhesive rubber mat seals the saddle on an ASA VL d160 pipe.

Simple operation of the vacuum PUMP.



The vacuum is maintained while fusing.

How construction companies benefit

Fast processing:
Vacuum technology saves time and money

Easy handling:
Universal clamping technology for all saddles

Safe application:
Leak test is possible directly

Easy use:
Compact equipment, independent of power sources

How engineering offices benefit

Reliable application:
No complaints due to incorrect laying and other errors

Satisfied developers:
Safe construction progress is guaranteed

High-quality work:
Direct quality inspection by vacuum minimises defects

Efficient support:
Less instruction time on the construction site

New	Previously
ASA VL 200/160 + FRIALOAD	ASA TL 200/160 + FWFIT
ASA VL 225/160 + FRIALOAD	ASA TL 225/160 + FWFIT
ASA VL 280/160 + FRIALOAD	ASA TL 280/160 + FWFIT
ASA VL 315/160 + FRIALOAD	ASA TL 315/160 + FWFIT
ASA VL 355/160 + FRIALOAD	ASA TL 355/160 + FWFIT
ASA VL 450/160 + FRIALOAD	ASA TL 450/160 + FWFIT
ASA VL 560/160 + FRIALOAD	ASA TL 560/160 + FRIATOP
ASA VL 630/160 + FRIALOAD	ASA TL 630/160 + ASATOP
ASA VL 355/225 + FRIALOAD	ASA VL 355/225 + VACUSET
ASA VL 450/225 + FRIALOAD	ASA VL 450/225 + VACUSET
ASA VL 560/225 + FRIALOAD	ASA VL 560/225 + VACUSET
ASA VL 630/225 + FRIALOAD	ASA VL 630/225 + VACUSET
SA VL 400/225-250 + FRIALOAD	SA XL 400/225-250 + VACUSET
SA VL 450/225-250 + FRIALOAD	SA XL 450/225-250 + VACUSET
SA VL 500/225-315 + FRIALOAD	SA XL 500/225-315 + VACUSET
SA VL 560/225-400 + FRIALOAD	SA XL 560/225-400 + VACUSET
SA VL 630/225-400 + FRIALOAD	SA XL 630/225-400 + VACUSET
SA VL 710/225-400 + FRIALOAD	SA XL 710/225-400 + VACUSET
SA VL 800/225-400 + FRIALOAD	SA XL 800/225-400 + VACUSET
SA VL 900/225-400 + FRIALOAD	SA XL 900/225-400 + VACUSET
SA VL 1000/160*-400 + FRIALOAD *SDR 17	SA XL 1000/160*-400 + VACUSET *SDR 17
SA VL 1200/160*-400 + FRIALOAD *SDR 17	SA XL 1200/160*-400 + VACUSET *SDR 17

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