



BONDED SADDLE

Lower Cost Network Access

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PRODUCT OVERVIEW

ALH Systems has developed an innovative saddle system that can be applied to a large diameter Cast, Spun or Steel mains, this enables access to the network without the need for full encirclement clamps or chains.

Utilising advanced resin technology, the saddle can be installed and the main drilled with minimal excavation and customer disruption.

SYSTEM FEATURES

- Reduced excavation needed to expose the host main
- Maximum operating pressure 2 bar
- Safer operating conditions
- Works with System 1 drill kit
- Saddles for 15" - 48" diameter mains
- Gas Network Operators approved
- From preparing the pipe to drilling - **90 minutes**



- No need for deep excavation working. Bonded saddles only require the crown of the main to be exposed.
- Ideal for camera insertion, installation of Donkin valve and top tees.
- Faster curing time.
- Does not require shot blasting process prior to installation - cleaning achieved through mechanical tooling
- Two different saddles to work with System 1 (up to 3" drilling),
- Saddles are available in sizes ranging from 15" - 48".



SAVINGS and BENEFITS

The principle of this design is to reduce the need for deep excavation normally needed to access the main. With our Bonded Technology only the crown of the main is required to be exposed.

Reducing the need for excavation can potentially result in significant cost savings related to initial excavation, backfill and lane rental charges/road closures. Not only are there benefits of costs reduction, the risk to operators is also reduced by keeping them out of deep excavations.

Our Design

This innovative system is unique to ALH Systems. We manufacture both the metallic components and adhesive resin that make up this kit in-house.

Our team of specialist design engineers and material scientists have worked together to develop the first of a kind Bonded Technology for the gas industry.



TIMING

In & out within 24 hours

Mains prep to drilling in less than 2 hours

Saddle cure time - 90 mins.



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