

'MACAW' PIPE CRACKERS



GAS



WATER



NUCLEAR



CONTRACT SERVICES

Attach to an excavator for safe, effective cracking of redundant cast iron gas mains

The traditional method of breaking out a cast iron main has been to use a variety of handheld tooling such as a sledge hammer or 'podger bar'. Both of these have long been associated with health and safety concerns, notoriously causing injury to operatives.

MACAW

Steve Vick International offers the solution with 'MACAW' Pipe Crackers, so called because its pipe cracking arms resemble the powerful beak of the South American bird! The MACAW attaches to the quick-hitch or bucket pins of a mini excavator. Controlled from the cab, and using the excavator's hydraulic power, the operative manoeuvres the arms around the pipe and then applies sufficient pressure to crack the pipe.



The MACAW cracking a 12" cast iron main

The MACAW is suitable for use on 8" to 24" cast iron mains and is designed for use with a typical 1.5 to 3 tonne mini excavator. A range of arm diameters can be attached to the base unit to accommodate varying sizes of pipe. The MACAW may be used on cast iron pipes inserted with PE.



The Mini MACAW Pipe Cracker

Mini MACAW

Working on the same principle, the Mini MACAW is used on pipe diameters from 3" to 8". To accommodate a range of pipe sizes, a choice of pin slots and a spacer seat cover all diameters, eliminating the need for additional equipment.

The Mini MACAW can be powered from the third service or breaker hydraulics of a 1.5 - 3 tonne excavators.

Weighing only 35kg, the Mini MACAW Pipe Cracker is light enough for two operatives to manually locate onto the main.

The Mini MACAW may also be used on inserted mains.

BENEFITS

- Safer and faster than using a 'podger bar' or sledge hammer
- May be used on abandoned and inserted mains without damaging internal PE
- Does not require access around the whole circumference of the pipe
- Ideal for use with Live Gas Mains Insertion
- Will crack pipe from 3" - 24" diameter
- Easy to operate – locate onto the main and let the MACAW do the rest

Available
for HIRE or
PURCHASE

MACAW FEATURES

- Using differently sized arms, cracks cast iron mains from 8" to 24" diameter
- Attaches to quick-hitch or bucket pins of a typical 1.5 to 3 tonne excavator
- Controlled pressure applied via the excavator's hydraulic power
- Cracking operation carried out from the safety of the cab



The MACAW cracking a 12" cast iron main

MINI MACAW FEATURES

- One unit cracks pipes from 3" to 8" diameter using choice of pin slots
- Versatile – operates from excavator hydraulics, power pack or hand pump
- At 35kg, light enough for two operatives to manoeuvre



The Mini MACAW Pipe Cracker

Mini MACAW cracking a 6" main powered by an adapted hydraulic hand pump. Ideal when there is no power pack onsite and where access for an excavator would be difficult



Mini MACAW breaking into a 6" main inserted with 75mm PE

Arm Size/Diameter of Main	Typical Excavator Size
8", 10", 12", 14"	1.5 tonnes
15", 16", 18", 20", 24"	3 tonnes

MACAW pipe crackers are available for purchase or hire - call us on 01225 864 864

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