



Rapid Rotary Cutter

Circumferential cutters specifically designed to cut either ductile/cast iron mains or steel mains up to 300mm (12") in diameter. An NIA development project with Wales & West Utilities, approved by all UK gas distribution networks.

The Rapid Rotary Cutter offers a solution to the problems associated with making circumferential cuts on ductile iron pipes.

The Rapid Rotary Cutter is an air powered tool designed to cut around a ductile iron main. It is extremely fast, cutting a 4" main in approximately 2 minutes. Incorporating depth gauges, the cutter is safe to use on inserted host pipes and allows immediate access.

The Rapid Rotary Cutter comprises two aluminium shells, with an air motor on the top shell, that interlink around the perimeter of the main. Using minimum effort, the operator rotates the unit 360° by hand, to give a very precise circumferential cut.

The Rapid Rotary Cutter is the ideal tool for circumferential cuts during both live and dead insertion. Ideal for the 'golden' cut against flowstopping bags on ductile, cast/spun iron and steel mains and is fully approved in all GDN's.



GAS



WATER



NUCLEAR



CONTRACT
SERVICES



SMARTESTER



HIRE



FUTURE
ENERGY

AVAILABLE FOR
HIRE OR PURCHASE

SPEED:

Extremely quick cutting time.
Approximately 2 mins to cut a (4")
ductile main and 6 mins to cut a 4"
steel main

VERSATILE:

Ideal for use in both live mains
insertion and dead insertion projects

QUICK ASSEMBLY:

The two shells can be connected
over the main in seconds

ADAPTABLE:

One unit for all five sizes using
different frames; 75mm/100mm,
150mm and 200mm, 250mm and
300mm (3"/4", 6", 8", 10" and 12")

EASE OF USE:

Compact, lightweight and simple to
use – one man operation

CONVENIENT:

Needs smaller trench than
traditional cutters – less than 10cm
clearance needed around the main

SAFETY:

The cutting blade is mounted away
from operator's hand

PRECISE:

Depth control discs prevent damage
to inserted PE

Water line incorporated to prevent,
sparking and suppress dust (full PPE
including face masks must be worn)

TECHNICAL SPECIFICATIONS

Required clearance: 100mm (4")

Pipe diameter range: 75mm - 300mm
(3"-12")

Maximum pipe wall thickness: 13mm

Typical cutting time: 2 to 10 minutes
depending on size of main

Width: 290mm (11") to 550mm (22")
depending on size of RRC

Length: 171mm (7")

Weight: 10 to 18kg – depending on size
of RRC

Suitable for: Ductile/cast iron, steel and
clay pipe



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