

KEEL CUTTER

Automatic Pipe Cutting Machines

Keel Cutter- machines that automatically cut steel, cast iron, ductile iron, plastic and other types of pipes up to 1500mm diameter

The pipe cutter is powered by a hydraulic power pack allowing the blade to track automatically around the circumference of the pipe wall.

Two models are available—the N450 which cuts pipes up to 900mm diameter and the N600 which handles pipes up to 1500mm diameter.



**A QUICK
and SAFE
method of
cutting
pipe**



FEATURES

- Approved by National Grid Gas
- Cutter automatically tracks around the pipe
- Cuts steel, cast iron, ductile iron, asbestos, cement and plastic pipe
- Fast cutting time—typically 8 minutes to cut a 300mm diameter cast iron pipe
- Only 200mm to 250mm clearance required (depending on model)
- Works in water if required
- Different blades available for different pipe materials (diamond, tungsten tipped)
- Lightweight—easy to set up and operate

SYSTEM DESCRIPTION

N450 MODEL	N600 MODEL
 <p>Right— Complete N450 Unit in security box AVAILABLE TO HIRE</p>	
<p>Pipe cutter assembly, including Hydraulic motor with, Operator safety handle, 2 Extension chains, Water coolant tank, 5 steel wedges, Tool kit and Security Box</p>	<p>Pipe cutter assembly including Hydraulic motor with, Operator safety handle, Guide Ring attachment, 5 extension chains, Water coolant tank, 7 steel wedges, Tool kit and Security box</p>

Blades, hydraulic power packs, accessories and spares available

SPECIFICATION

	Keel Cutter—N450	Keel Cutter—N600		
Suitable types of material	Steel, cast iron, ductile iron, asbestos, cement, plastic			
Pipe Diameter (nominal o/d)	200mm to 750mm 900m with extension chain	250 to 1500mm		
Cutting speed (approx)	140mm per minute	100mm per minute		
Coolant	Water sprayed at all times (oil/water mix with steel pipes)			
Dimensions	190mm high x 350mm wide x 300mm long	340mm high x 530mm wide x 450mm long		
Weight	20kg	36.5kg		
Hydraulic Unit:				
Oil feed	20 litres per minute	30 litres per minute		
Max pressure	140 bar (2000 PSI)	140 bar (2000 PSI)		
Blade Type:				
	Blade size	Cutting Performance	Blade size	Cutting Performance
Diamond Cuts—Cast/Ductile Iron	125mm	upto 20mm wall thickness	200mm	upto 50mm wall thickness
	150mm	upto 32mm wall thickness		
Tungsten Carbide Tipped (TCT) Cuts—Steel	125mm	upto 20mm wall thickness	200mm	upto 50mm wall thickness
PE Cutting Blade	160mm	upto 35mm wall thickness	200mm	upto 50mm wall thickness

