



Dia. 100–300 mm



70M



45°/150MM



For- /backwards
150MM



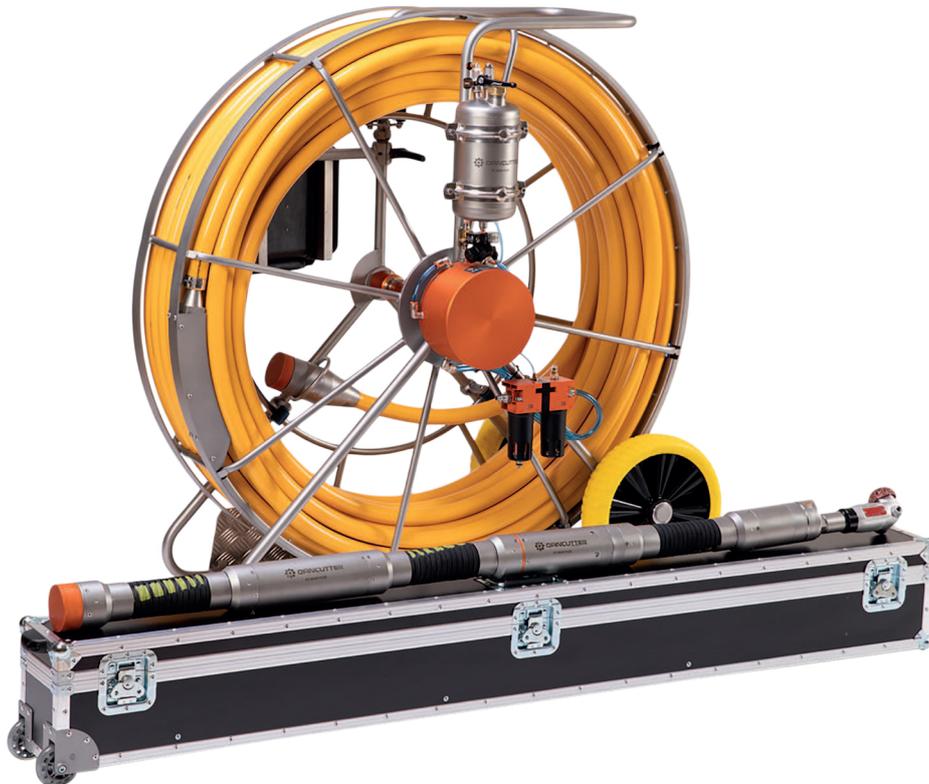
360°
Continuously



PVC, liner, concrete, iron,
cast iron, stainless steel



DC MAXI FLEX



DC MAXI FLEX is Dancutter's most powerful cutter for cutting, milling and grinding large pipes 100-300 mm in diameter, regardless of material and regardless of whether the pipe is straight or has bends.

DC MAXI FLEX is a flexible, advanced cutter, developed and manufactured by Dancutter and focused on reliability, simplicity and saving time for our customers. The cutter can be operated by just

one person who easily sets up the cutter in a few minutes, does the work, and quickly moves on to the next job.

The cutters are 100% Made in Denmark and, at Dancutter, we take pride in developing systems to meet the exact needs of our customers. If your job requires more than the standard properties that DC MAXI FLEX can provide, please contact us anyway – we'll find a solution for you.

Specifications



External diameter: 80 mm



Air motor: 11000 RPM



Air pressure: 10 bar - 145 psi



Weight:
Cutter: 17,5 kg
Hose reel: 119 kg



Air supply: 1100 l/min



Power supply: 110 / 220 VAC



Hose reel:
L: 1200 mm - B: 750 mm - H: 1220 mm
Cutter: Ø80 mm - L: 1800mm



Supply hose: 70 m



Material: Alloyed stainless steel



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360° continuously



Pvc, liner, concrete,
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SET-UP

DC MAXI FLEX takes a few minutes to set up: the wheeled stainless-steel frame – holding the supply hoses, control panel and cutter – is driven up to the work site. The cutter is connected to the supply hose, and air and power are connected to the system. The cutter is inserted into the pipe up to its working position, and you are ready to work. The supply hose has a reach of up to 70 metres.

OPERATION

DC MAXI FLEX is easy to operate using the joystick on the frame-mounted control panel. An extension cable is available as an accessory for the control panel, so you can move it to a preferred location up to 15 meter away. A 12.1-inch colour display is built into the control panel's lid, providing a sharp, precise image of the cutter's position. The milling motor's rotation and functions – such as raising, lowering and running back and forth – are operated from the control panel. An automatic feeder and slip ring are built into the frame so the supply hose can be smoothly moved back and forth during the work. The cutter is also equipped with a built-in slip ring which enables the cutter to work freely in a continuous 360-degree rotation. The spray nozzle for cleaning the camera is also operated from the control panel. The control panel also features a video inlet and outlet and VR goggles (optional accessory) can be connected. Dancutter or one of our distributors will train you how to correctly operate and maintain DC MAXI FLEX so you, can maximise your benefits of using the cutter from day one.

MAINTENANCE

Cutter maintenance is minimal, as it is made of a high-quality stainless-steel and alloy. An oil lubricator and water separator are

mounted on DC MAXI FLEX. We advise having a cool dryer mounted on the compressor at all times, to minimise the water content, so it never exceeds 20 g/m³. The cutter operates at maximum efficiency in clean, dry air, and this prolongs the cutter's life time at the same time.

STANDARD AND EXTRA ACCESSORIES

A smaller air motor for the cutter is available, which has to be mounted for operating in 100 mm pipes. A centring tool set and extension bracket are included. These are mounted on the cutter to mill pipes with a diameter of 250 mm or more. An extension cable for the control panel is available as an extra accessory, to enable the operator to stand where he/she prefers. VR goggles can be connected to the display on the control panel to maximise work precision. We also present a versatile range of special-purpose, milling and cutting heads for all PVC materials, liner, cement, concrete and steel. The cutter is delivered separately in a transport box.



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