

**DC - FLEX**



**Technical description** Extremely flexible cutter, which can be used in all kinds of pipes, as sewer pipes, water pipes, etc. in sizes from 3” to 4”.

By relining an existing pipe with a liner the cutter is used to reopen laterals. DC FLEX is also used to mill away concrete, tree roots, rubber rings, metal and all types of deposits before relining.

The cutter works with a cutting head that is driven by an air motor. The air motor is connected on the lifting arm, so the grinding motor can be raised up and down. The lifting arm is mounted on the rotating unit, operated by an electric motor (24V DC) and can rotate continuously.

The air motor and lifting arm, is both supplied with air through a supply tube, which is mounted in the rear end of the cutter. All functions are controlled from the control panel on two joy sticks. Can cope and negotiate 90° bends in a reline 4”.

The flexibility of the cutter is due to “tripartite”, which in fact means that the cutter is capable of operating in smaller pipes with elbows, knees and large dislocations.

The cutter is divided into three parts:

1. Connecting unit  
Consists of a multiple plug through which all cutter functions are controlled..
2. Resolving unit.  
Consists of an electrical motor for continuous rotation of the front part of the cutter, and an airlock for supply of the grinding motor and for the lifter.
3. Lifter/ Resolving unit.  
Consists of an integrated unit, in which both the grinding motor and the lifter movement have been built in.

**Specification**

DC-FLEX, outside diameter	<b>2,3”</b>
Weight	<b>Appr. 9,9 lb</b>
Lenght	<b>24,8”</b>
Air motor, variable speed	<b>Up to 15000 RPM</b>
Air requirermeent per minute	<b>Appr. 23,3 CFM</b>
Pressure	<b>Appr. 105 PSI</b>
Electricity	<b>230/115 V AC - 50/60 Hz—24V DC</b>

*Due to policy of continued product development DANCUTTER reserve the right to alter or amend any published specification without notice*