



Technical Description of Dancutter Spider

The Dancutter Spider has been specifically designed for operation with in Soil Vent Pipes and other vertical piping such as rain water and ducting. Lining applications inside high rise buildings can now be completed from a single point of access with the ability to perform a cut from a static vertical position.

Re-instament inside pipe dimensions **90mm 6125 mm** can be achieved.

The Cutter can also be used for the removal of other deposits such as concrete and scale.

The Grinding motor and lifting arms along with the centralising legs are provided air via the lö supply hose. This enables the Cutter to sit securely in a vertical position and manoeuvre the cutting head in preparation for the cut.

All functions of the Dancutter Spider can be operated from one compact control unit consisting of:

1. Connecting unit
Consists of a multiple plug 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.
4. Fixture for centralization/connection inside the soil pipe.
Function: Centres inside the soil pipe by 8 legs which are squeezed against the pipe. This takes place by an inflatable membrane, which is mounted around the cutter.



Dancutter Spider is available supplied w/ a grinding motor AG50.

DC Spider external diameter:	75 mm
Weight / Lenght:	Approx 4.8 kg / 380 mm +20 m main supply hose 1 inch
Air motor, speed:	up to 15 000 RPM
Air supply /Pressure/Water vapour content c = g/m³:	Approx. 650 Litre/M. /Approx. 7 bar/ 105 PSI / Max 20 g/m³
Power:	24V DC

In order to reduce the risk of bursting of the main air hose, you should operate at following pressures, depending on the temperatures which are in the surroundings:

Up to 30°C: Max 7 bar 30 - 40°C: Max 5 bar 40°C: Max 4 bar

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