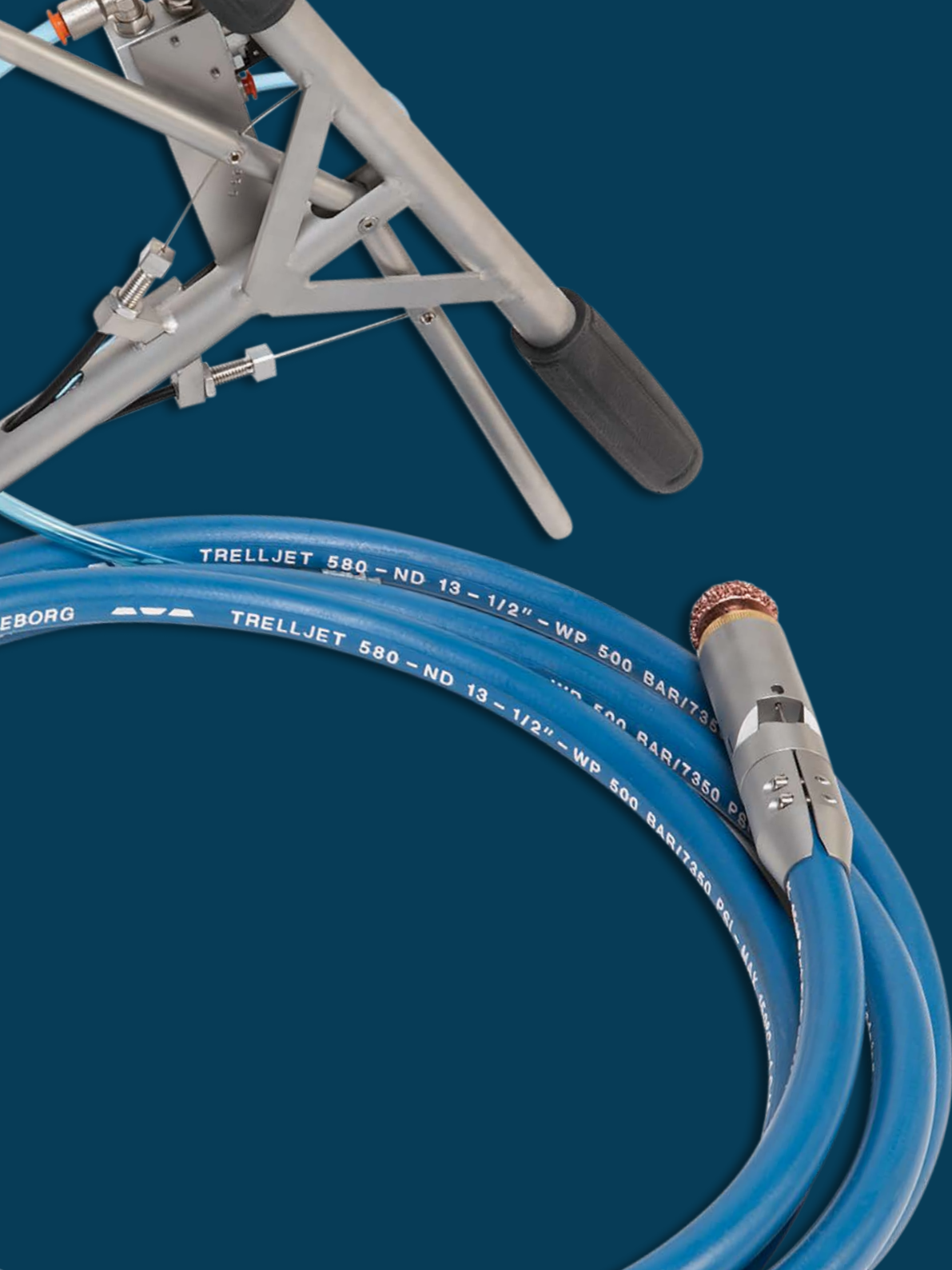




# Simple and flexible solutions

Dancutter a/s  
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+45 9651 2150, [Info@dancutter.dk](mailto:Info@dancutter.dk)  
[dancutter.com](http://dancutter.com)








# DC MINI BIKE

DC MINI BIKE is DANCUTTER's flexible solution for grinding and milling inside narrow pipes of 50–70 mm diameter inside buildings, no matter if the pipe is made of PVC materials, cement, concrete, cast iron or steel.

We have transferred the principle design of a bicycle handlebar to the operation of DC MINI BIKE. This simply puts you in good contact with the cutter which turns side-ways, up and down when you turn the handlebar and operate the two handles. You completely control the work process, no matter if the cutter has to fit through one or more bends in the pipe.

DC MINI BIKE passes easily through a 45-degree bend in a Dia.50 mm pipe and through multiple 90-degree bends in a 75 mm diameter pipe.

DC MINI BIKE comes with a supply hose in the length you prefer, from 1 to 9 metres. If you have a special requirement, don't hesitate to contact DANCUTTER, as we can surely find a solution for you, too.

	PIPE DIMENSION	DIA. 50 - 75 MM, 2" - 3"
	SUPPLY HOSE	1 TO 9 METRES, 3 to 30 FT
	FLEXIBLE	45° - 90° DEGREES
	ROTATION	360° CONTINUOUSLY
	GRINDING, MILLING AND CUTTING	PVC, LINER, CONCRETE, IRON, CAST IRON, STAINLESS STEEL



DK2020-18  
Carbide cutting head Dia.20x20mm  
**PVC/LINER**



DK2629-16  
Carbide cutting head Dia.26x29mm  
**PVC/LINER**



DK3015-16  
Carbide cutting head Dia.30x15mm  
**PVC/LINER**



DK4020-16  
Carbide cutting head Dia.37x13mm  
**PVC/LINER**



DD3015  
Diamond head Dia.30x15mm  
**CONCRETE**



DKA1014  
Diamond head Dia.30x10mm  
**PVC/LINER**



DKA1015  
Diamond head Dia.32x35mm  
**PVC/LINER**



DKA1022  
Diamond head Dia.36x37mm  
**CONCRETE**



F81010  
VR Goggles

A selection of cutting heads and accessories represented for DC MINI BIKE.





# DC SUPER FLEX

DC SUPER FLEX is DANCUTTER's powerful cutter for cutting, milling and grinding pipes 75–150 mm diameter, regardless of material and regardless of whether the pipe is straight or has bends.

DC SUPER FLEX is a flexible, advanced cutter, developed and refined 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 task.

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 you have a special requirement, don't hesitate to contact DANCUTTER, as we can surely find a solution for you, too.

## SET-UP

DC SUPER FLEX takes a few minutes to set up: the wheeled stainless-steel frame – holding the supply hoses, control unit and cutter – is driven up to the work site. The cutter is all ready 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. The hose has a reach of 25 or 50 metres.

## OPERATION

DC SUPER FLEX is easy to operate using the two joysticks on the frame-mounted control unit. A 12.1" colour display is built into the control unit'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 unit.

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 unit. The control unit 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 SUPER FLEX so you, our customer, 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 alloy.

An oil lubricator and water separator are mounted on DC SUPER FLEX. We advise having a refrigerated dryer mounted on the compressor at all times, to minimise the water content, so it never exceeds 20 g/m<sup>3</sup>. The cutter operates at maximum efficiency in clean, dry air, and this prolongs the cutter's service life at the same time.

#### **STANDARD AND EXTRA ACCESSORIES**

A centring tool set and extension bracket are included. These are mounted on the cutter to mill pipes with a diameter of 150 mm.

An extension cable for the control unit 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 unit to maximise work precision.

We also present a versatile range of special-purpose, milling and cutting heads for all PVC materials, cement, concrete, cast iron and steel.



## **CONTROL UNIT**

DC SUPER FLEX is steered with two joysticks from the control unit. A 12.1" colour display is built into the control unit's lid, providing a sharp, precise image of the cutter's position. You can switch between images from the cutter's own camera or an external camera, and you can also reverse the image so it mirrors your movements.

The milling motor's rotation and functions – such as raising, lowering and running back and forth – are operated from the control unit. The spray nozzle for cleaning the camera is also operated from the control unit.

The control unit has inlet and outlet sockets for connecting a video, computer, external camera and VR goggles (optional accessory). An extension cable (in the length you prefer up to 15 metres) is also available as an optional accessory; it enables you to stand holding the control unit almost anywhere.



## **CENTRING TOOL SET**

If you intend to frequently operate the DC SUPER FLEX in pipes with a diameter of Dia.150 mm, then you can attach DANCUTTER's centring tool set (optional accessory). The centring tool set keeps the cutter centred in the pipe and ensures that it operates with equal precision all the way round.







Naturally, DC SUPER FLEX's centring tool set also meets our high requirements for ensuring that the cutter is flexible yet simple to set up and operate. The brass slide bushing in the rotating centring ring ensures that the cutter continues to operate unimpeded with a 360-degree continuous rotation, even when the centring tool set is mounted. At the same, the wheels on the centring tool set make it much easier to push the cutter out to remote distances.

Clear labelling shows exactly where to attach the centring tool set and ensures proper use and prolongs the service life of the cutter.



# DC SUPER FLEX



 PIPE DIMENSION	DIA. 75 - 150 MM, 3" - 6"	 FOR- /BACKWARDS	55 MM - 2,2"
 SUPPLY HOSE	25 OR 50 METRES, 82 OR 164 FT	 ROTATION	360° CONTINUOUSLY
 FLEXIBLE	45° - 90° DEGREES	 GRINDING, MILLING AND CUTTING	PVC, LINER, CONCRETE, IRON CAST IRON, STAINLESS STEEL



DK2020-18  
Carbide cutting head Dia.20x20mm  
**PVC/LINER**



DK2629-16  
Carbide cutting head Dia.26x29mm  
**PVC/LINER**



DK3015-16  
Carbide cutting head Dia.30x15mm  
**PVC/LINER**



DK3713-16  
Carbide cutting head Dia.37x13mm  
**PVC/LINER**



DK3713-B and DK3713-V  
Pin and special tool for  
DK3713-16



DK4623-16  
Carbide cutting head Dia.46x23mm  
**PVC/LINER**



DJ1938-14  
Carbide cutting head Dia.19x38mm  
**PVC/LINER**



DKA1022  
Diamond head Dia.36x37mm  
**CONCRETE**



DD4623  
Diamond head Dia.53x26mm  
**CONCRETE**



DD3015  
Diamond head Dia.30x15mm  
**CONCRETE**



DD9008  
Cutting disc Dia.50x10mm, DD9023  
Pin for Cutting disc - **STEEL**



DD9010  
Cutting disc Dia.65x1,1mm  
**STEEL**



F70560  
Air Motor AG50



F70558  
Air Motor G38



050716  
Centring tool set with brushes



050726  
Centring tool set Dia.150 mm



050345  
Hanging clamps



050717 Extension cable 6M  
050723 Extension cable 15M



F81010  
VR Goggles

A selection of cutting heads and accessories represented for DC SUPER FLEX.





# DC MAXI FLEX

DC MAXI FLEX is DANCUTTER's powerful cutter for cutting, milling and grinding pipes from 100–300 mm 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 refined 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 task.

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 you have a special requirement, don't hesitate to contact DANCUTTER, as we can surely find a solution for you, too.

## SET-UP

DC MAXI FLEX takes a few minutes to set up: the wheeled stainless-steel frame – holding the supply hoses, control unit 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. The hose has a reach of up to 70 metres.

## OPERATION

DC MAXI FLEX is easy to operate using the two joystick on the frame-mounted control unit. A 12.1" colour display is built into the control unit'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 unit. The control unit 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, our customer, 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 alloy.

An oil lubricator and water separator are mounted on DC MAXI FLEX. We advise having a refrigerated dryer mounted on the compressor at all times, to minimise the water content, so it never exceeds 20 g/m<sup>3</sup>. The cutter operates at maximum efficiency in clean, dry air, and this prolongs the cutter's service life at the same time.

#### **STANDARD AND EXTRA ACCESSORIES**

A small air motor for the cutter is available, which is 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 unit 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 unit to maximise work precision.

We also present a versatile range of special-purpose, milling and cutting heads for all PVC materials, cement, concrete, cast iron and steel.

The cutter is delivered separately in a transport box.

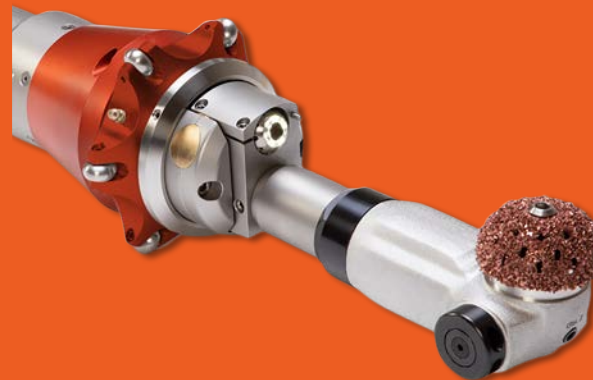


## **CONTROL UNIT**

DC MAXI FLEX is steered with two joysticks from the control unit. A 12.1" colour display is built into the control unit's lid, providing a sharp, precise image of the cutter's position. You can switch between images from the cutter's own camera or an external camera, and you can also reverse the image so it mirrors your movements.

The milling motor's rotation and functions – such as raising, lowering and running back and forth – are operated from the control unit. The spray nozzle for cleaning the camera is also operated from the control unit.

The control unit has inlet and outlet sockets for connecting a video, computer, external camera and VR goggles (optional accessory). An extension cable (in the length you prefer up to 15 metres) is also available as an optional accessory; it enables you to stand holding the control unit almost anywhere.



## **CENTRING TOOL SET**







If you intend to operate DC MAXI FLEX in pipes of Dia.250 mm, you can attach DANCUTTER's centring tool set (included with this cutter model). The centring tool set keeps the cutter centred in the pipe and ensures that it operates with equal precision all the way round.

Naturally, DC MAXI FLEX's centring tool set also meets our high requirements for ensuring that the cutter is flexible yet simple to set up and operate. At the same, the wheels on the centring tool set make it much easier to push the cutter out to remote distances.

The centring tool set is mounted by pushing it in over the cutter from the rear end. Apply grease through a nipple (included with the set) to enable the centring tool set to rotate. By doing this, the centring ring will slide onto the cutter, and the rotating centring ring ensures that the cutter continues to operate unimpeded in a continuous 360-degree rotation.

# DC MAXI FLEX



 PIPE DIMENSION	DIA. 100 - 300 MM, 4" - 12"	 FOR- /BACKWARDS	150 MM - 6"
 SUPPLY HOSE	70 METRES, 230 FT	 ROTATION	360° CONTINUOUSLY
 FLEXIBLE	45° DEGREES IN A 150 MM, 6" PIPE	 GRINDING, MILLING AND CUTTING	PVC, LINER, CONCRETE, IRON, CAST IRON, STAINLESS STEEL





DK5025-16  
Carbide cutting head Dia.50x25mm  
**PVC/LINER**



DJ2550-14  
Carbide cutting head Dia.25x50mm  
**PVC/LINER**



DK4040-14  
Carbide cutting head Dia.40mm  
**PVC/LINER**



DK3045-16  
Carbide cutting head Dia.32x45mm  
**PVC/LINER**



DD70M8A  
Diamond head Dia.70mm, Axial  
**CONCRETE**



DD75M8  
Diamond head Dia.75mm  
**CONCRETE**



DB8900  
Brush head Dia.70mm  
**LINER**



DD9009  
Cutting disc Dia.76x2,1mm  
**STEEL**



DD9022  
Cutting disc Dia.80x27mm  
**STEEL**



DD9025  
Cutting disc Dia.70x10mm, DD9024  
Pin for Cutting disc - **STEEL**



DKA1011  
Diamond head Dia.65x30mm  
**CONCRETE**



DKA1019  
Diamond head Dia.46x47mm  
**CONCRETE**



DKA1021  
Diamond head - air cooler  
Dia.36x41mm - **PVC/LINER**



080211  
UAG50 Air Motor



080570  
AG100 Air Motor



080574  
UG65 Air Motor, Axial



080551  
Extension arm



080550  
Centring tool set Dia.300 mm



050717 Extension cable 6M  
050723 Extension cable 15M



F81010  
VR Goggles





1988





## DANCUTTER A/S

We have been developing cutter solutions in cooperation with our customers for more than 30 years. The feedback we receive in our daily work constitutes the core of our sustained efforts to develop cutters that are simple and flexible to use and which operate in all types of materials.

When a customer comes to us with a special need to manoeuvre, cut, grind or mill in tight spaces that are "impossible to access", we take up the challenge and find a solution. This explains why our 100% Made in Denmark cutter systems are currently being used in more than 60 countries all over the world, primarily in the oil, gas, ventilation, rainwater and waste-water industries.

### FAST, EASY AND SIMPLE

Besides manufacturing powerful cutters, we also take pains to help our customers save time and ease their workflows. This is why our cutters are so quick to set up and easy to operate that the task can be accomplished by one person. At the same time our cutters are flexible and move through both vertical and horizontal pipe bends. We know that time is money to our customers. This is why DANCUTTER's skilled technicians and distributors do their utmost to provide fast service whenever the need arises.

### FROM PROBLEM TO SOLUTION

What is easiest possible way to open up access to branch pipelines from a newly renovated sewer pipe without having to dig up a whole garden or road surface? This was the question that led to the development of a prototype for the first cutter in the world in 1988: an "arm" was fitted with a cutter head and skateboard wheels, the latter of which the inventor had "borrowed" from his son.

In 1989, the inventor applied for a patent for his cutter, and some of the first models are still working to this day. Up through the 1990s, cutters opened up tens of thousands of branch pipes. Based on the knowledge amassed through the practical experiences of using the cutter, DANCUTTER A/S was formed in 2002.

DANCUTTER's skilled employees continue to convert customer feedback and challenges from their everyday work into cutter solutions that strike a balance between technological finesse on the one hand and strength and user friendliness on the other.

## REPIPE LINING SYSTEMS A/S

We are a Danish company that has developed the "repipe spray coating" method. This is a low-cost, effective and eco-friendly way to refurbish leaky downpipes and waste pipes in a high-rise apartment building. Now, you can spray-coat a new lining inside the old pipe, reducing the entire workflow from several days to just 10 hours, i.e. from the time you shut off an apartment's water supply until you can switch it back on.

### "THERE'S GOTTA BE AN EASIER WAY TO DO THIS!"

In DANCUTTER's contact with our customers, we've noticed the challenges that you and residents run into when a property's waste pipes and downpipes need refurbishing: residents can't use their kitchen, bathroom or toilet for several days. The builders make a mess of things when they break open a floor, and in some instances the residents have to be rehoused.

To resolve some of these problems, Repipe Sverige AB contacted DANCUTTER A/S in 2010 with an idea about how to refurbish old pipelines from the inside. DANCUTTER never turns down a challenge. In 2011, this was the springboard to the formation of the company REPIPE LINING SYSTEM A/S, owned by Kalle Tjårnvall and Lars Stenberg. We launched this pioneering REPIPE COATING SYSTEM in 2013, and we're proud to have developed it as a team effort involving both customers and external suppliers.

Today, REPIPE LINING SYSTEM A/S is a sector leader, and we have a finely-meshed network of companies who use our system on a daily basis and contribute to its further development.

