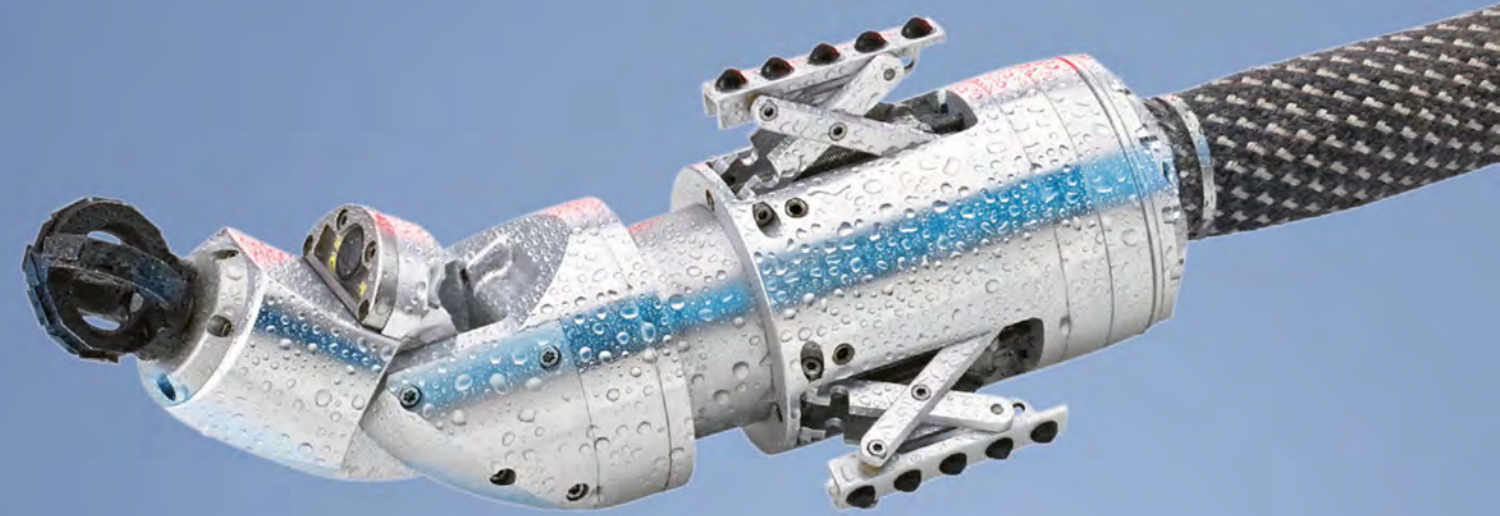


Technical Data

Robot

	Power CUTTER 100
Outside diameter:	max. 70 mm
Length of individual sections:	max. 140 mm



Air-/Water-/Power supply

- › 50 m compact hose, \varnothing 30 mm
- › Sturdy chassis made of high-quality stainless steel
 - Empty weight: approx. 50 kg
 - Weight including compact hose: approx. 80 kg
 - Compact dimensions:
 - › width: 500 mm
 - › height: 1150 mm
 - › depth: 880 mm (incl. cable drum)
 - › Cable drum diameter: 750 mm
- › Rubber tires/rubber feet for a slip-proof base
- › Chassis handles retract for transport and convenient usage
- › Built-in retractable monitor
- › Built-in controls



Further information under
www.ist-web.com

centralino 0381/66831 fax 0381/96552 www.vivax.it

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VIVAX

Power CUTTER 100

 CAN-Bus inside

*The curve and corner-compatible
milling robot for building connections,
with an integrated angling function.*

I.S.T.
creating value

Power CUTTER 100

The *Power CUTTER 100* is perfectly designed for renovating building connections with dimensions ranging from DN 100 to DN 150 - not just because of its curve and corner compatibility (even for DN 100 liners), but also because of its integrated angling function.



The milling robot for building connections

Features:

- › Can be used for DN 100 - DN 150
- › Curve and corner-compatible in DN 100, even for liners with the same diameter
- › Manual feed to the usage site, can be supported by an HD water jet
- › Smooth feed adjustment using an HD water jet
- › Water jets controlled separately from the housing (**angling function for side connections**)
- › Electric drive for:
 - circling (**infinite**)
 - lifting/lowering the arm
 - 50 mm axial feed
- › Electrically driven, central tensioning in the pipe and/or liner
- › High-performance LED lighting, smoothly adjustable
- › High-resolution CCD color camera
- › 400 W air motor
- › Power units with lengths up to 50 m
- › Separate, mobile controls - or using *Power CUTTER 200* controls

How it works:

- 1 The milling cutter is pushed manually to the usage site via the power unit, but it can also be jetted to the usage site using the HD water jet. As a useful side effect, this also cleans the pipe.
- 2 In addition, separately controlled water jets are attached to the periphery, which can be used to angle the milling cutter to reach a side connection.
- 3 Once the usage site is reached, the tensioning is deployed in order to brace the milling cutter in the center of the pipe.
- 4 Now the following movements are available:
infinite circling of the arm | lifting and lowering the arm | 50 mm axial feed.
These three movements allow you to trace a circular contour.



Front view of the Power CUTTER 100