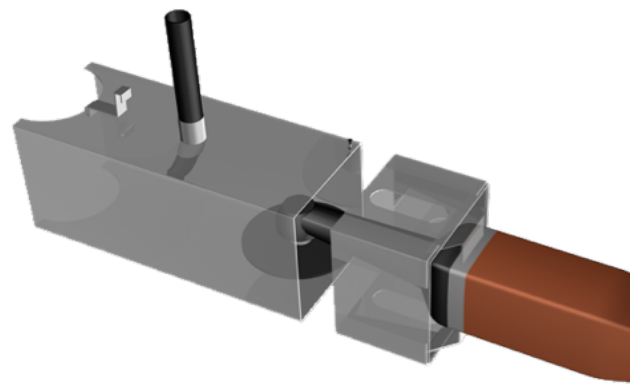


PCS

pipe cutting system



THE PIPE CUTTING SYSTEM



WHERE IS PCS NEEDED?

PCS was specifically designed for applying precision square cuts under restraining conditions and in virtually inaccessible locations, such as corners, shafts and when pipes run parallel without much space in between. It can be used to cut sewage and water pipes, retrofitting of diversion and T-branches or similar applications.

- cutting of pipes used for sewage, ventilation, water and gas delivery as well as all kinds of tubes and materials.
- PCS allows you to cut the lower end of tube from the inside!



INFO

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WHERE IS PCS USED?

HEATING
SANITARY INSTALLATION
AIR SUPPLY & EXHAUST
NATURAL GAS
AIR CONDITIONING
PIPE DAMAGE
SHIP-BUILDING
CIVIL ENGINEERING
MINING
MAINTENANCE INDUSTRY
PIPELINE CONSTRUCTION
FIRE AND RESCUE
SEWAGE INDUSTRY
ELECTRIC
PLUMBING



EASY PIPE CUTTING
WITH LASER-LIKE PRECISION

THE ADVANTAGES OF YOUR PCS PIPE CUTTING SYSTEM

- PCS easily cuts through all pipe materials with a diameter of 90-110 mm.
- PCS automatically ensures rectangular cuts by default. The cut always runs in a straight line, since it is guided by a single operating motion, that begins at the outer rim and cuts through towards the inside of the pipe.
- Walls, ceilings and floors only need to be opened by a small fraction in order for pipes to be divided and fitted with diversions or cleaning components.
- PCS allows you to gain safe and easy access to even the most difficult and hard to reach places, such as corners, alcoves and ducts.
- With the PCS - sections can be performed just fractions below the ceiling or above the floor (minimum distance from ceiling / floor : 18mm). This is also true for horizontally fixed lines (e.g. interior floor or ground). A work space of 150mm is sufficient for cutting.
- Closely aligned pipes cannot be damaged in the process, nor do they need to be diverted.
- The cutting blade is a diamond-tipped metal disc . It does not change in diameter due to lack of wear. A disc of 115mm in diameter is used to cut the sewer pipe with a 110mm diameter. The 2.5mm excess on either side is sufficient to cut but not to enough to damage the pipes on the adjacent sides (e.g. electrical wire tubes, etc.). This saves precious installation time and money.
- Thanks to its simple conversion method, the supplied long-neck angle grinder is to be used as originally intended (cutting & grinding).

OCCUPATIONAL SAFETY

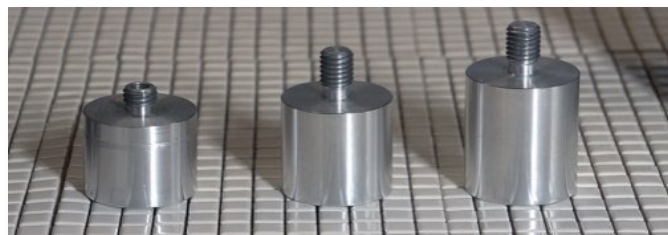
- The design of the PCS provides ample protection against injuries caused by sparks , dust or broken blades.
- Thanks to the design of its casing, PCS pipe cutting system ensures for a safe cutting environment. Incidental sparks and dust are directly extracted by the attached commercial vacuum cleaner, thus reducing the risk of injury .

PCS
pipe cutting system

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PCS
pipe cutting system



SLEEVE CUTTING MODULE

The PCS Sleeve Cutting Module allows you to cut cast iron sleeves that extend above tiles or concrete surfaces. Sewage pipes extending from the shortened sleeve may be laid flush with the floor.

Cast iron sleeves which are located below the floor line can also be cut in order to assure a flush connection at ground level.

Since the shortening of the sleeve takes place from the inside out , no free caulking of the sleeve is necessary.

This reduces assembly time and eliminates dust and dirt. Dust and sparks produced during the cutting process will largely be absorbed by a standard vacuum cleaner, which is connected near the grip handle of the PCS unit.

The supplied spacers allow for the Sleeve Cutting Module to be operated at different depths.



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