IMS Robotics

IMS NANO Cutter *easy*

Cutting robot Ø 50 - 100 mm / 2''- 4''

041 01 000

Your advantages at one glance

- range of application in pipes from DN 50 / 2“ to 100 / 4“
- flexibility in bends up to 90° in DN 70 / 3“
- also for usage in vertical pipes
- only very small access openings required
- no power supply required
- extendable supply hose in different lengths
- high cutting force by very powerful air motor
- flexible operation by control wheel (not in scope of delivery)
- various cutting tools can be installed
- minimum downtimes in case of repair through operator-replaceable components or use of Fast-Repair-Support (see detailed description in the offer/order conditions)

Equipment features / functions and technical details

- useable from DN 50 up to 100 / 2“ up to 4“ (inside diameter)
- outside diameter cutter: 40 mm / 1,6“
- flexibility in bends 90° from DN 70 / 3“ - inside diameter (2 x 45° plastic pipe bends - without obstacles) and 90° in DN 100 / 4“ - inside diameter (PVC rehabilitated (3 mm Liner-Material) - without obstacles)
- connecting hose 1,5 m / 4,5 ft
- extensions in different lengths optional available (1,5 m/4,5 ft, 3 m/9,8 ft, 6 m/19,6 ft), max. up to 12 m/39 ft extendable
- air powered cutter motor
- camera fixture for external push camera (camera not in scope of delivery)
- controlling is carried out by control wheel item number 040 01 400 (not in scope of delivery)
- waterproofed device
- transport case with storage space in the cover for 3 m / 9,8 ft hose extension, manual, overview spare parts, job site tools and 1 cutting tool
- dimensions of cutter: approx. 2300 mm (90,6“) x 40 mm (1,6“)
- weight approx. 2,2 kg

Requirements of usage

Power supply:	no requirement
Compressed air requirements:	clean (particles < 5 micron), temperature range 5 °C until max. 40 °C / 41 °F until max. 104 °F, rest water separated, rest oil < 5 mg/m^3, pressure air supply max. 10 bar / 145 PSI, min. volume 1 m^3/min / 35 CFM
Cutting tools:	Original IMS cutting tools are recommended

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