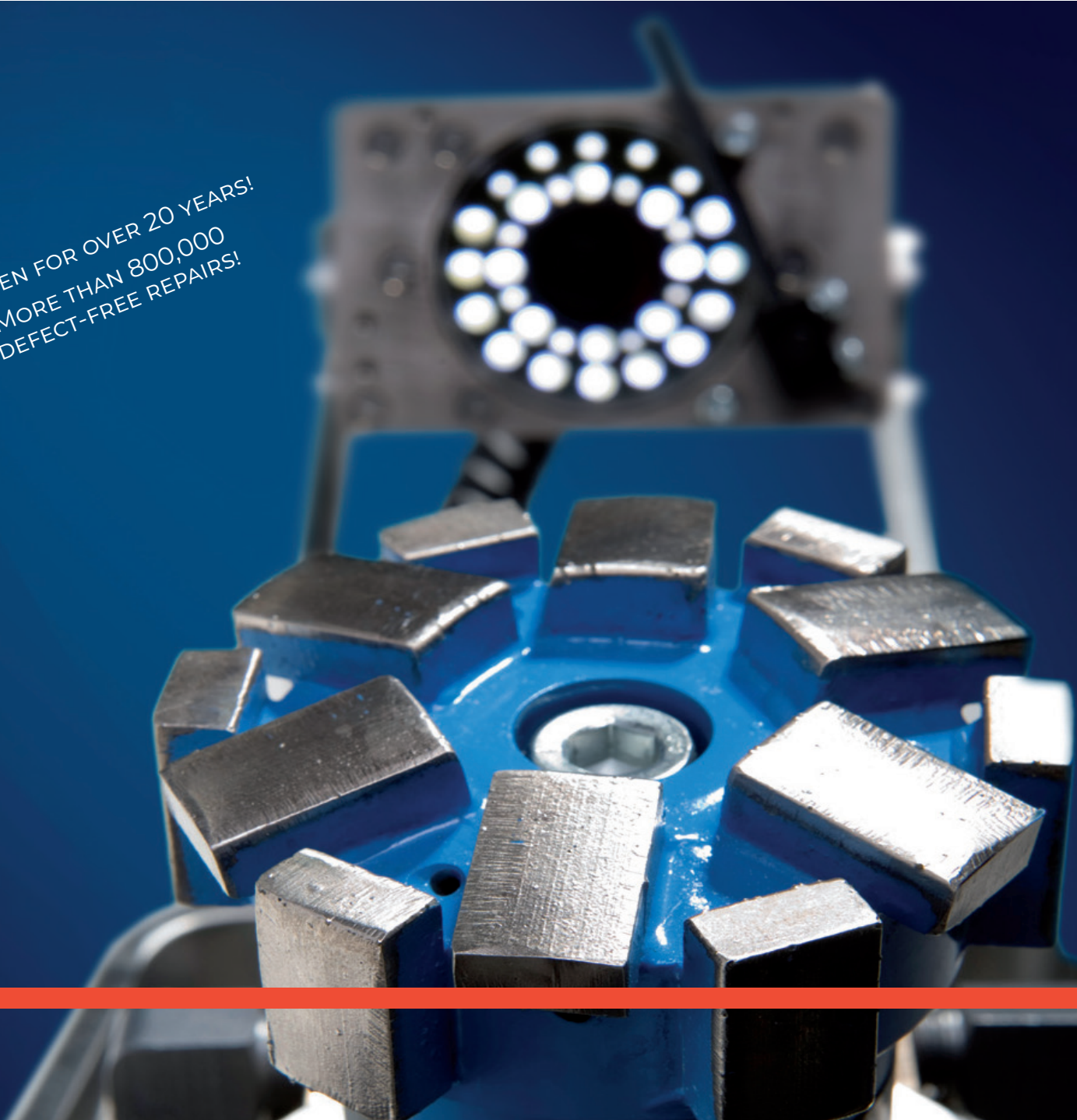


KA|TE⁺
das Original

HYDRAULIC CUTTING ROBOTS

FROM KA-TE

PROVEN FOR OVER 20 YEARS!
MORE THAN 800,000
DEFECT-FREE REPAIRS!



HYDRAULIC CUTTING ROBOTS: FR250 & FR150

STRONG. ROBUST. RELIABLE.



With these two high-tech robots, KA-TE is offering robust and flexible tools for cutting and grinding work on deposits, root penetrations, protruding lateral connections, inlets, joints and cracks in sewers, as well as for reopening laterals in pipe liners.

The robots are suitable for pipe diameters from DN 150 to DN 800. Various cutting, grinding and brush attachments allow for versatile use of KA-TE cutting robots. In frontal grinder mode, even completely closed pipes can be opened.

Full power through hydraulic drive

Both the grinding and traction motors are hydraulically driven. This makes the precisely controllable KA-TE grinding robots particularly efficient, facilitates a clean, quick and reliable execution of grinding and polishing work and effectively prevents the grinding heads from jamming.

Due to the COMPACT design, even difficult-to-reach places become accessible. The machines are made from high-quality materials and extremely robust. Their design also makes them easy to service.

The cutter robots from KA-TE are delivered ready for use in various vehicle systems. With the COMPACT, we offer a mobile, portable system, which can also be developed into a multi-functional system. Training for use of our robot systems is carried out at the plant or on site by experienced members of our service staff.



KA-TE cutting robot FR250
for pipe diameter 250-800 mm
9.84 – 31.5 in.



KA-TE cutting robot FR150
for pipe diameter 150-300 mm
5.5 – 11.8 in.

A close-up photograph of a robotic cutting tool. The tool features a blue, cylindrical cutting head with a metallic, polished section at the top. It is mounted on a black mechanical assembly. The background shows a blurred industrial environment with various metal components and a grey surface.

CUTTING ROBOTS

WHEN THE RESULT MATTERS



KA-TE PMO AG
Steineggstrasse 32
CH - 8852 Altendorf
Tel.: +41 55 415 58 58
info@ka-te.ch
www.ka-te.ch

TECHNICAL SPECIFICATIONS

HYDRAULIC CUTTING ROBOT	FR250	FR150
PIPE DIAMETER	250 - 800 mm 9.84 - 31.5 in.	150 - 300 mm 5.5 - 11.8 in.
LENGTH WITHOUT CAMERA	865 mm 34.05 in.	750 mm 29.53 in.
WEIGHT	78 Kg 171.96 lb	40 Kg 88.18 lb
HYDRAULIC SYSTEM POWER	5 kW	5 kW
OIL PRESSURE	150 bar 2 175 psi	150 bar 2 175 psi
RPM CUTTER MOTOR	3400 rpm	6000 rpm
POWER CUTTER MOTOR	1.4 kW	1 kW
STROKE CUTTER MOTOR	110 mm 4.33 in.	60 mm 2.36 in.
HEAD ANGLE RANGE	endless	endless
AVAILABLE CABLE TUBE LENGTH	85 m, 90 m, 100 m 278.87 ft., 295.28 ft., 328.08 ft.	
EQUIPMENT	<ul style="list-style-type: none">• Cutter tools• Wheels and wheel hubs• Undercarriages• Cutter shank extensions• ovoid - pipe tools• auxiliary equipment for frontal cutting	