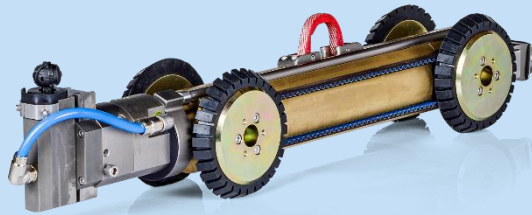


150 - 300 ROBOTIC CUTTER SYSTEM



CRITICAL SPECIFICATIONS

PIPE DIAMETER

150 – 300 mm, range of 200 metres

SYSTEM WEIGHT

450kg total weight

POWER REQUIREMENT

240/110 volts, with a frequency of 50-60 Hz and current consumption of 4.5A.

AIR MOTOR

22000 RPM

AIR SUPPLY

75cfm at 100psi (2124lpm at 6.9bar)

CUTTING CAPACITY

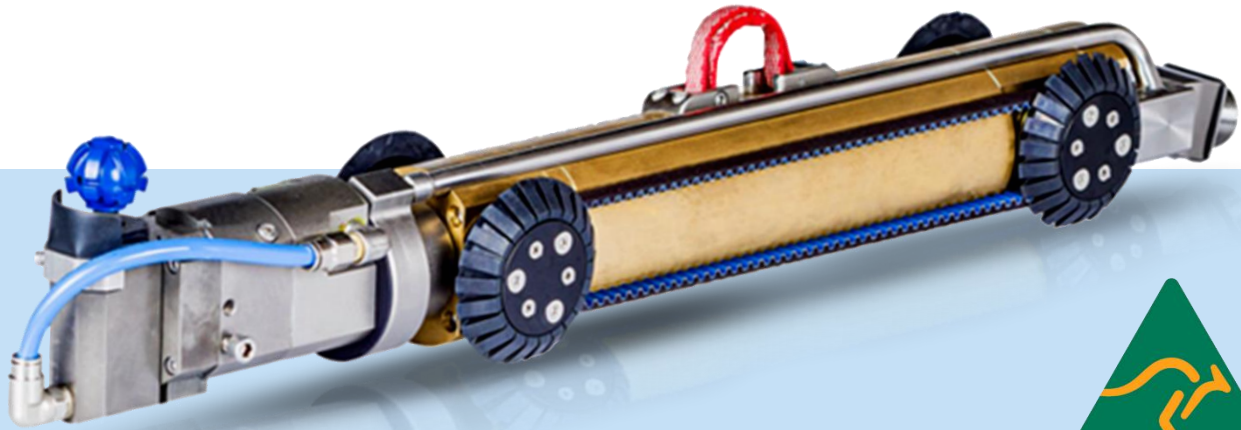
Plastic, liners, concrete, environmental ingress (tree roots), steel.

KEY INFORMATION

- ✓ Specialised accessory kits available
- ✓ Capable of handling lined/displaced DN 150 pipes
- ✓ Joystick-controlled operation for comprehensive user-friendly functionality
- ✓ Remote-controlled pneumatic electric cable and air reel
- ✓ Comes with a toolbox that includes a variety of accessories suitable for all pipe materials and diameters
- ✓ Equipped with a robust, high-resolution colour 320° tilt camera
- ✓ Wheel kits supplied for pipes up to 300 mm in diameter
- ✓ Operates with a remotely located control box and monitor
- ✓ Offers variable speed controls for all cutter functions



150N ROBOTIC CUTTER



CRITICAL SPECIFICATIONS

PIPE DIAMETER

150 – 300 mm

WEIGHT

30kg - 35kg (depending on configuration)

CAMERA

PCC with 320° tilt

AIR MOTOR

22000 RPM

CUTTER DIMENSIONS

1100 x 110 x 100 mm

CUTTING CAPACITY

Plastic, liners, concrete, environmental ingress (tree roots), steel.

KEY INFORMATION

- ✓ Designed for efficient and reliable operation
- ✓ Constructed with a corrosion resistant brass cutter body
- ✓ Customisable setup tailored to specific pipe material and diameter
- ✓ Capable of 360° continuous rotation of both camera and cutting functions
- ✓ Includes a robust mechanically driven up/down head
- ✓ Drive wheels suitable for line & unlined pipe
- ✓ Offers a wide variety of cutting attachments

TECHNICAL DATA

- ✓ Modular design facilitates easy maintenance
- ✓ Pressure tested to 10 psi
- ✓ Available air motors in sizes of 6", 9", 12"
- ✓ Available kits include forward-facing, lateral root cutter, high torque grinding options and a downsizing kit suitable for down to 128mm DN.



ACRN CABLE REEL



CRITICAL SPECIFICATIONS

MAXIMUM CABLE AND AIRLINE LENGTH

200 metres

WEIGHT

300kg

DIMENSIONS

910 x 400 x 1400 mm

AIR SUPPLY

75cfm 100psi (2124lpm at 6.9bar)

KEY INFORMATION

- ✓ Designed with mounting points for truck integration
- ✓ Features pneumatic rewind mechanism, allowing for easy cable retrieval
- ✓ Air hose attached with industry standard claw coupling
- ✓ Equipped with an air motor oil reservoir for continuous lubrication of air motor parts
- ✓ Constructed with a powder-coated steel frame and stainless-steel panels
- ✓ Includes strain relief attachment for connector protection

TECHNICAL DATA

- ✓ Automatic self-levelling rewind mechanism
- ✓ Integrated braking system for controlled cable rewind
- ✓ Includes Mil-Spec waterproof IP65 rated plug
- ✓ Features Kevlar-reinforced cutter control cable for additional strength (rated to 500kg)



CUTCBX CONTROL BOX



CRITICAL SPECIFICATIONS

POWER REQUIREMENT

240/110 volts, 50-60Hz, 4.5A
(Adaptable for other standard power sources)

DIMENSIONS

500 x 350 x 180 mm

WEIGHT

18kg

OUTPUTS

24pin Mil-Spec socket, BNC video out

KEY INFORMATION

- ✓ Cutter functions operated through intuitive joystick design
- ✓ Variable potentiometer controls for cutter function speeds and lights
- ✓ Features user-friendly diagnostic fuse panel
- ✓ Constructed with an anodised aluminium case for superior durability and resistance to environmental factors
- ✓ Equipped with a fan-based cooling system to enhance reliability and sustain optimal performance during extended periods of operation
- ✓ 10 pin testing panel for camera maintenance