

# Climb

## Description of Process

Kembla is proud to launch the Hachler pneumatic milling robot 'Climb'; the latest in robotic development for the trenchless industry.

By a continual process of sequential inflation then deflation of the two air bladders, Climb traverses the mainline and then is guided to enter and climb up into the branch line. Once in position at the defect,

the bladders are inflated to hold the robot firmly in position so that the powerful milling head can be operated to accurately target the area requiring repair.

The pneumatic drive is a huge advantage as it enables Climb to tackle very steep inclines and drive through bends.

## Typical Applications

The Climb Robot offers superior maneuverability, reach and grinding power in pipelines and connections that traditionally have been difficult to access for repair. The Climb Robot is particularly suitable for removing concrete build ups, protrusions, tap roots and drop joint grinding.

Climb also performs T-Seal removal or edge & horn trimming along with the removal of small bore main liners & lateral liners. Kembla also sees this unit being used by clients to cut away defective T-Seals in branch lines as an alternative to expensive and potentially damaging excavation.

## Operation

Climb can open lateral junctions following relining of a pipeline utilising access from within the house lateral line, provided there is no boundary trap. The grinding / cutting work is monitored and controlled by Kembla's skilled personnel via a colour CCTV

camera built into the mobile control unit.

As is the case with the majority of CCTV equipment, Climb is protected from water penetration by maintaining a constant internal pressure.

## Available Sizes

The Climb Robot has been specially developed for grinding work in small diameter pipelines and lateral

connection pipes with diameters 100mm to 225mm.



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