

# KANGAROO

## LATERAL REINSTATEMENT CUTTERS



CUES Kangaroo Cutters are designed for use after the pipe lining process is complete, for reinstating service laterals back into service, as well as removing protruding service laterals and roots from the mainline. These are just a few of the applications for this product.

These cutters are rugged, waterproof, and built to withstand the shock and vibration of everyday use during these applications. CUES Giant and Small Kangaroo Cutters are equally effective in CIPP or Fold and Form liners and can be installed on most CCTV manufacturer's system.



Both Cutter systems perform optimally using 1000'-1500' (305 m - 457 m) of cable and can be operated with the Dual Kangaroo Cutter Controller! The Dual Kangaroo Cutter Controller includes all switches, potentiometers, controls, and meters required to operate and monitor the Giant and Small Kangaroo Cutters.

## Both small and giant Kangaroo Cutters:

- 110 or 220 VAC.
- Requires (8) Conductors: (6) for the cutter and (2) for the reel mounted remote air valve.
- Recommended minimum air requirements: 38 CFM (1,076 Lpm) @ 125 psi (9 bar).
- Controls, Electrical: 360-degree rotate, up/down, in/out, on/off, and polarity.
- Controls, Pneumatic: cutter motor, cutter locking brake.
- Includes (3) 24v DC electrical drive motors assembled into a waterproof housing.
- Includes (2) router bits and pipe lock assembly.
- **SMALL KANGAROO CUTTER ONLY** - For use in 6" - 12" (152 mm - 305 mm) Diameter Relined Pipe.
  - Includes low profile metal skids for 6" (152 mm) pipe mounted to the cutter housing and extenders for 8" (203 mm) and up.
  - Includes a .9hp air motor to provide more power, increased productivity, and a smoother cut when operating in 8" - 12" (203 mm - 305 mm) relined pipe.
- **GIANT KANGAROO CUTTER ONLY** - For use in 12" - 30" (305 mm - 762 mm) Diameter Relined Pipe.
  - Removes protruding lateral services.
- **DUAL KANGAROO CUTTER CONTROLLER** - Operates both Large and Small Kangaroo Cutter.
  - Includes all switches, potentiometers, controls, and meters required to operate and monitor the Giant Kangaroo and Small Kangaroo Cutter.
  - Controls the cutter head movements in (6) directions: IN / OUT, RIGHT / LEFT ROTATION, and UP / DOWN.
  - A rotary potentiometer is provided to adjust the speed of each control motor.
  - An Amp meter is provided to display the current draw by each motor.
  - The Air Motor/Clamp - ON/OFF switch opens and closes the air flow of the remote air solenoid while simultaneously activating or deactivating the pipe lock system and cutter air motor.



Custom CCTV/Cutter Truck and Trailer-mounted units include full capabilities for reinstating lateral services, removal of protruding taps, brush finishing existing cuts, and pre and post TV inspection.

- High Cubes, Step Vans, and Medium Duty Chassis and Trailer Mounted Units.
- Dry freight box mounted for export.
- Can be mounted with joint and lateral sealing equipment in a self-contained unit.
- Compressor can be onboard or towed behind.

### OPTIONAL EQUIPMENT

- Desktop control unit for both cutters.
- Protruding lateral cutter attachments.
- 12" (305 mm) extenders for Small Kangaroo Cutter.
- Air Hose Reel with speed control / retrieve with 500' (152 m) 1/2" (13 mm) or 3/4" (19 mm) ID air hose.
- Automatic level wind for Air Hose Reel.

