

PLCS, LLC

Precision Modular Window Cutter

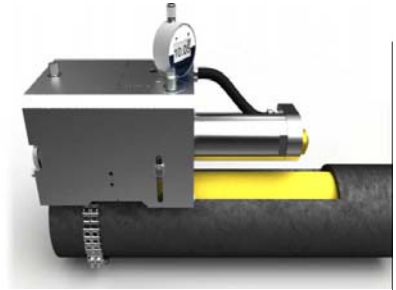
The lightweight pneumatically powered cutter has been specifically designed to quickly and safely make both longitudinal and circumferential cuts in iron and steel pipe, consequently allowing a window to be cut from the pipe wall to gain access to a previously inserted pipe.



Cutter Module



Longitudinal Cutter Module



Circumferential Cutter Module



Cuts pipe sizes from 1 1/4" diameter and larger with a maximum wall thickness up to 0.787 inches.

(Standard unit handles 4"-8" diameters and cuts a 16" long window . Optional components needed for other pipe & window sizes)

Features

- Cuts steel, iron, and plastic.
- Accuracy of cut controlled with a digital depth gauge.
- Makes longitudinal (axial) cuts from 16" to 24" without moving the machine.
- Cutting time: Approximately 30-45 minutes to cut a complete window.
- Proprietary cold-cutting non-sparking HSS blades (average blade life +/- 30 ft).
- Safety: Fully enclosed blade and air supply controlled by "dead-mans" handle.
- Compact design: Only 5 1/2" clearance required around pipe.
- Low air consumption, requiring a minimum of 32 CFM at pressures up to 100psi.
- Unit supplied complete with an air filter/lubricator.
- Optional Ultrasonic Meter: Uses sound waves to measure the pipe wall thickness when unknown. The operator can accurately set the depth gauge avoiding damage to the inserted pipe.



Dimensions and Weight:

Longitudinal Module: 28lbs, 26" long x 12 3/4" wide x 5 1/2" high (without depth gauge)

Circumferential Module: 20lbs, 14" long x 5 1/2" wide x 5 1/2" high.

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