

### A Cut Above

Suitable for potentially hazardous environments:  
 • Cuts virtually any material without heat or flames

### Track Options:

- 3, 5 and 10 linear-foot tracks
- Low profile, rigid and vacuum tracks available
- Pipe track: 6–60 inches, 2" increment (152–1524 mm)

### Movement Speed:

Varies due to several ranges of gear reducers

### Head Manipulator

- Drive unit adapts for use with straightline track or pipe cutting bands
- Reversible drive motor with interchangeable gear drive
- Precise speed control for accurate cutting feed rates
- Center line mounting of abrasive cutting head
- Adjustable angle for beveling cuts



### Permalign II Abrasive Head

Length	10.94 in (27.8 cm)
Weight	4.00 lbs ( 1.8 kg)
Operating air pressure (min)	60 psi (4 bar)
Water pressure (max)	60,000 psi (4100 bar)
Orifice range	.003 - .023 in
Nozzle range	.020 - .065 in ID
Max flow rate	2.1 gpm (7.95 lpm)

### High Flow Abrasive Head (for cutting thicker material or multiple layers)

Length	7.55 in (19.1 cm)
Weight	4.00 lbs ( 1.8 kg)
Operating air pressure (min)	60 psi (4 bar)
Water pressure (max)	55,000 psi (3800 bar)
Orifice range	0.023-0.042 in
Nozzle range	0.095-0.125 in ID
Max flow rate	5.1 gpm (19.04 lpm)

### Abrasive Delivery System

- Durable steel design
- Two-wheel pneumatic tires with rigged frame
- Air-regulated metering valve
- Delivery rate: up to 3 lb (1.36 kg)/minute

### Required Equipment

- A mobile intensifier pump to supply UHP water
- Air compressor to supply abrasive hopper
- Hydraulic power to operate support equipment
- Track (see above for track options)
- Orifices and nozzles to shape UHP water stream
- Abrasive

Jet Edge's Pipe Cutter is a hydraulically controlled portable abrasivejet cutting system designed especially for cutting pipelines, reinforced concrete and metal structures. The Pipe Cutter can operate horizontally or vertically. A specially designed track allows the Pipe Cutter to clamp to standard sized pipe (6"-60" diameter) for pipe cutting operations. The Pipe Cutter also can be attached to a variety of tracks for cutting flat or curved surfaces for linear cutting applications.

The Jet Edge Pipe Cutter system includes a Pipe Cutter carriage, hydraulic drive assembly, abrasivejet, abrasive hopper, abrasivejet mounting hardware, control panel, remote UHP control assembly and hoses. For standard operation, it requires a mobile intensifier pump to supply UHP water, plus an air compressor, hydraulic power, track, abrasive, and orifices and nozzles.

### POWERED BY JET EDGE!



Model iP55-280DS

The Pipe Cutter is powered by a Jet Edge waterjet intensifier pump.

Specifications subject to change.

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