The Baker Hughes Mechanical Pipe Cutter™ (MPC™) electromechanical pipe-cutting tool reduces logistical and environmental constraints by providing precise, downhole pipe cutting without the use of ballistics or hazardous chemicals, reducing down time, risk and overall intervention costs.

The MPC tool also provides precise, downhole pipe cutting without damaging external tubulars. Cutting penetration is continuously measured and controlled, confirming the cut has been made and avoiding damage to external tubulars or control lines. The MPC tool’s temperature and pressure ratings allow operators to cut pipe in hotter and deeper environments, while eliminating expensive and time-consuming coiled-tubing or pipe operations.

The multiple, clean cuts provided by the MPC eliminate additional fish milling and ensure efficient pipe-recovery operations.

**Pipe cutting for 2 7/8-in. to 4 ½-in. downhole pipe sizes**

**Benefits**
- Precisely cuts downhole pipe without the use of ballistics or hazardous chemicals
- Fast deployment and easily transportable—arrives in two, 10 ft sections
- Ensures efficient cuts to reduce debris and damage to outer strings
- Saves rig and NPT costs by performing multiple cuts per trip
- Confirms cut made to avoid needless trips out of hole
- Saves time and cuts a wide range of pipe types/sizes
- Small diameter allows use in the most restrictive areas

**Features**
- Surface-monitored cut penetration
- CPU controlled for precise or difficult cuts
- Cuts steel and alloy pipe (chrome)
- Unlimited setting and resetting
- Non-ballistic and non-chemical
- Runs on any single-conductor electric wireline using the Baker Hughes Atlas Anywhere™ system
- Minimal debris
- Small filing debris
Tool Specifications

**Tool length**
18.16 ft (5.54 m)

**Two sections**
8.33 ft (2.54 m) and 9.83 ft (3 m)

**Weight**
141 lb (64 kg)

**Tool diameter**

- 2 1/8-in. (54-mm) tool cuts 2 7/8-in. (73-mm) to 4 in. (102-mm) pipe
- 2 1/2 in. (64-mm) tool cuts 4 in. (102-mm) to 4.5 in. (114-mm) pipe

**Rating**
400°F (204°C) and 20,000 psi (1,379 bar)

**Current pipe cutting sizes**
2 7/8-in. (73-mm) to 4 ½-in. (114-mm) pipe

**Maximum wall thickness**
0.75 in. (19 mm)

Atlas Anywhere System

The Baker Hughes Atlas Anywhere™ portable system provides operators with effortless access to advanced cased hole wireline solutions. When combined with a computer, the Atlas Anywhere system operates our cased hole products and services from any provider’s standard electric wireline cable.

The Atlas Anywhere system can be easily transported by a single person or by air. Using standard hookups, the system is ready to run upon arrival at the wellsite and requires no operational footprint.

The Mechanical Pipe Cutter tool operates on any wireline and requires minimal surface equipment, ensuring maximum portability and ease of deployment using the Atlas Anywhere system (shown above).