

BOOTS & COOTS | ABRASIVE JET CUTTER

Abrasive Jet Cutter

Enables rapid rig-up, cutting from a distance, and fast rig-down

BENEFITS

- No heat-affected zone (haz):
 - Cuts materials without interfering with its structure
 - Cuts metal without warping, affecting temperature, or changing properties
- Decreased environmental impact:
 - No heat used during cutting means little to no hazardous waste is released
 - Uses non-toxic abrasive materials for cutting
- Significantly reduced scrap, translating to less wasted material

REQUIREMENTS

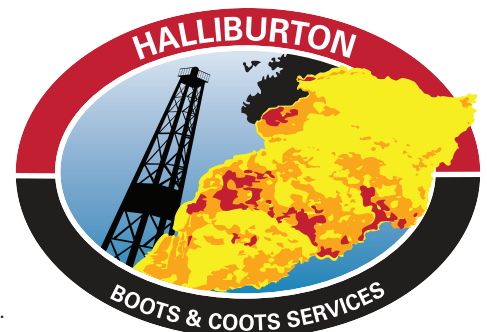
- Two (2) two thousand horsepower pumps
- Pumping iron and associated equipment
- Abrasive material (typically sand – 20/40 frac sand)
- Blenders and/or centrifugal pump



Abrasive Jet Cutter in operation

Blowouts can compromise surface well control equipment, while horizontal flows can hinder responder access. When there's no direct approach to the well and limited options for intervention and capping, responders can rely on the Boots & Coots Abrasive Jet Cutter. Originally developed during wartime to mitigate burning oil wells set ablaze by retreating soldiers, the Jet Cutter remains a critical component in the Boots & Coots response arsenal.

The Jet Cutter typically is deployed at the end of an Athey Wagon boom to help reduce responder exposure and risks from the source well. It cleanly cuts through single or multiple strings of tubulars, cement, and wellhead surface equipment by pumping a mixture of water and abrasive sand through opposing nozzles at 10,000 psi.





For wing valve and tree connection cutting, the unit can be articulated 90°, and the distance between the cutting nozzles is adjustable, allowing responders to cut from small-diameter tubulars to oversized casing.

To enhance safety for responders, a remote pack drives the cutting nozzles both forward and backward. Cutting rates are adjustable to meet challenging well conditions. Additionally, a series of water jackets supplies and protects the unit from damage during cutting operations.

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wellhead surface equipment

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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