

15K Gate-Valve Drilling Unit

For drilling, milling or cutting inoperative valves

The Boots & Coots newly engineered pneumatic 15K Gate-Valve Drilling Unit is specially designed to drill or enlarge gate valves or ball valves that have become inoperative and threaten well integrity. The wholly redesigned Gate-Valve Drilling tool enlarges the bore to allow wellbore intervention with coiled tubing or wireline.

The flexible and pneumatically driven 15K Gate-Valve Drilling tool is capable of drilling, milling, or cutting up to 7 1/6-in. valves that are fully or partially closed. Pressure-rated to 15,000 psi (103 MPa), the Gate-Valve Drilling Unit features a 2 1/16-in. flange, and is engineered for extended stroke capabilities that allow for drilling through multiple valves simultaneously. The highly mobile unit has a small footprint, and is adaptable for both offshore and onshore applications.

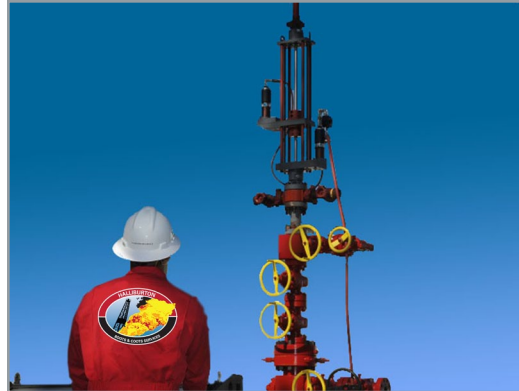
The 15K Gate-Valve Drilling tool operates safely in live-well conditions, in temperatures ranging from 0 to 250°F (-17 to 121°C), and in H₂S and similarly harsh environments. The Gate-Valve Drilling tool is sufficiently durable to drill valves that were coated with tough anticorrosion materials, such as stainless steel hard facing. The choke and kill spool incorporated on the pneumatic unit is able to immediately kill or start the well bleed off.

Features and Benefits

- Capable of drilling, milling, and/or cutting inoperative valves
- New-generation pneumatic control with rapid-feed travel, able to drill up to 5 1/2-in. gate valves
- Extended stroke for drilling through multiple valves
- Choke and kill spools incorporated in every rig up



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- Pneumatic-driven with air compressor, no power pack, no console, and no drop pans
- Safe operation in wide temperature range and H₂S and other similarly harsh environments
- Onshore and offshore applications
- Highly mobile, small foot print, and environmentally friendly
- Restores wellbore integrity
- 2 1/16-in. 15K flange



Gate-Valve Drilling Unit Specifications	
Model	15K Unit
Weight	350 lb (159 kg)
Torque Valve	1,800 ft.lbf (2,441 N•m)
Travel	42-in. (106.7 cm) continuous
Safety Feature	Double-barrel packing element with re-energizing capability
Certification	H ₂ S
Length	12 ft (3.66 m) 1 1/4-in. (3.18 cm) OD solid rod (with extensions available)
Coating	Noncorrosive
Applications	Vertical or horizontal wells

**For more information, contact your local Boots & Coots representative
or email us at boots-coots@halliburton.com.**

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