

Electric Auger Boring Machine: Regulation & Performance Benefits

UNDERGROUND CONSTRUCTION TECHNOLOGY
THE UNDERGROUND UTILITIES EVENT | February 7-9, 2023 | Orlando, FL



It's Electric! Shift to Alternative Power Sources



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Benefits: Reduced Fumes

Traditional diesel-powered auger boring machines

- Limit time spent underground
- Special equipment to monitor, cycle air
- Result: downtime, more costs, complex logistics

EAB machine

- No emissions
- Limits health and safety concerns



Benefits: Reduced Job-Site Noise

- Noise ordinances restrict running traditional equipment
- EAB machines can work longer hours



Benefits: Greater Visibility



Wireless remote control

- Operate EAB off the rig, out of pit
- Freedom of movement, better visibility
- Fewer distractions



Benefits: Enhanced Performance

- Adjust speed and torque separately
- Meet wider range of job demands



Future Thinking

- Increasing, expanding regulations
- Long-term investment in compliance
- Strengthen marketability



Riggtech Job Story: Challenge

- Gothenburg, Sweden
- 36-meter bore; storm sewer installation
- Strict noise pollution standards, regulations



Riggtech Job Story: Results

- Successful completion; compliance
- Bid projects others cannot



Thank You!

Questions?

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