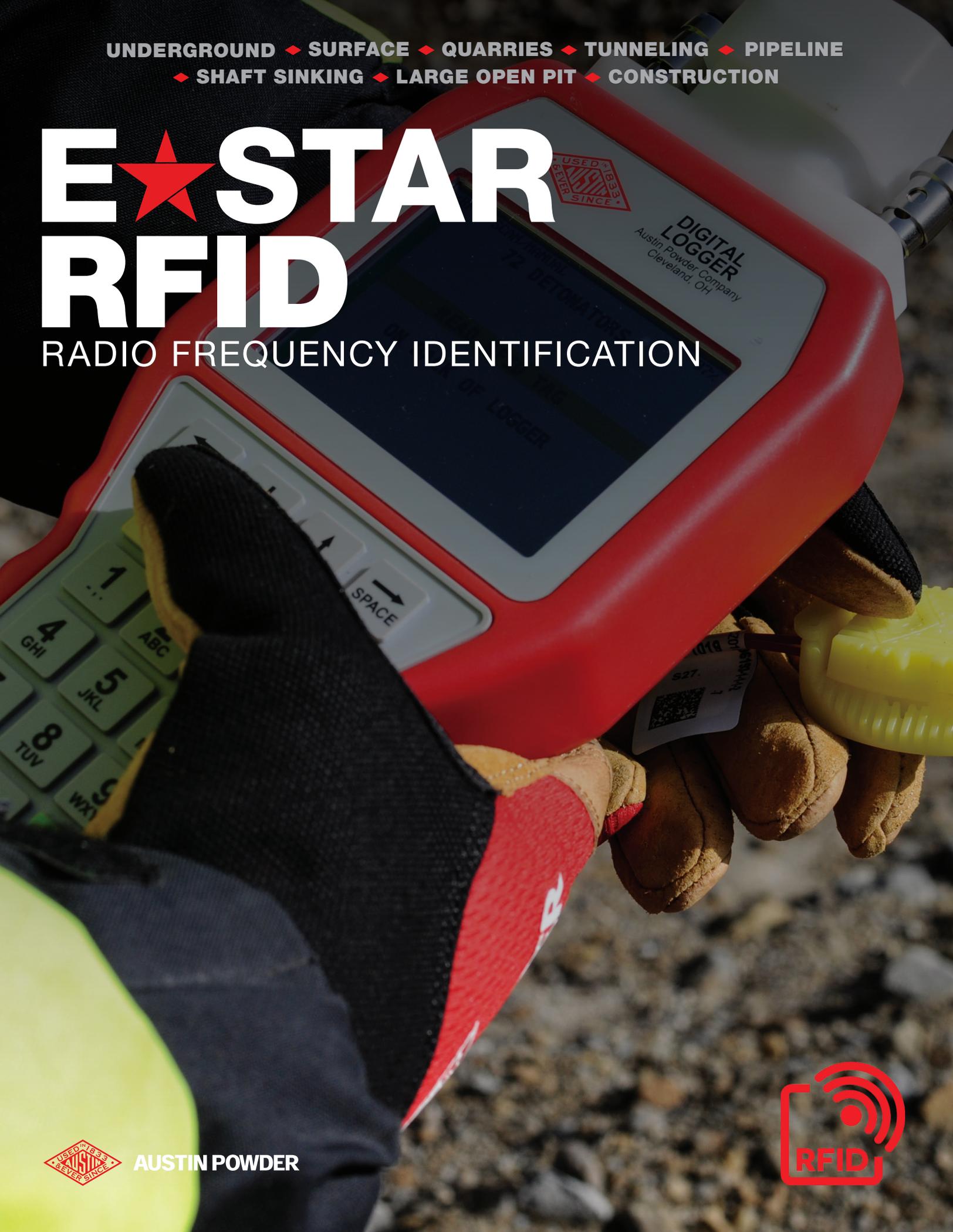


UNDERGROUND ♦ SURFACE ♦ QUARRIES ♦ TUNNELING ♦ PIPELINE
♦ SHAFT SINKING ♦ LARGE OPEN PIT ♦ CONSTRUCTION

E★STAR RFID

RADIO FREQUENCY IDENTIFICATION



AUSTIN POWDER



E★STAR RFID touchless tagging technology offers major flexibility over standard-connect methods.

Great for Large and Small Operations

Simplifies the Process

No need to log and assign detonator timing during hole charging operations. Frees the Blaster to focus on loading, not sorting out timings

Simplifies Assigning Delay Timing

The E★STAR RFID method simplifies the most important task of assigning each hole its unique delay timing after hole loading, when rows are free of equipment, and the bench is clear

Helps Prevent Errors

The E★STAR RFID method promotes less distraction, which helps prevent potential incorrect timing assignments or missed connections



E★STAR RFID BENEFITS

Flexibility

- + Offers blasters greater flexibility as to when to log holes, assign detonator timing, and test detonators or branch circuit verification
- + Allows blasters to assign timings after holes are loaded and tested for continuity
- + Can tag before hole loading, before or after connecting to bus-line, or after hole loading

Time Savings

- + Faster than direct-connect programming
- + Faster than bar-code scanning

Functions Well in Harsh Conditions

- + Bright sun and extreme heat
- + Water, snow, or cold temperatures
- + Muddy or emulsion covered tags

E★STAR RFID FEATURES

- + 1,600 Detonators with a single Logger
- + Logger screen displays key details
- + E★STAR RFID tagging can be combined with any programming method whether manual, auto-delay, or PC transferred data
- + Each RFID tag detonator also comes with the standard E★STAR connector for detonator continuity testing, and/or leakage measurements at any time during the blast operation



USED IN 1833, AND EVER SINCE.

Austin Powder is renowned for its unsurpassed customer service and its broad range of engineered solutions – from bulk trucks to underground units; emulsion technologies to electronic initiation systems; predictive vibration modeling software to optimized blast design. All solutions are developed to advance the safety, reliability, and efficiency of breaking rock.

