

Cutting and Folding Machine

This machine is designed for cutting and folding sheet metal. It is used in various industries for creating precise bends and cuts in metal sheets.



Product Overview

Electroplated Diamond Tooling

These electroplated diamond drill bits and reaming shells are manufactured using a specialized low-temperature process that prevents thermal damage to the diamonds. This ensures that the original performance characteristics of the diamonds are maintained while providing a highly stable matrix. Designed for reliability, these tools are an excellent choice for engineering reconnaissance, grouting, and grounding applications in complete rock formations and concrete.

Technical Advantages

Key Performance Benefits

- Low-temperature manufacturing prevents thermal damage to diamonds
- Maintains original diamond performance
- Stable matrix for consistent reliability
- Superior performance in hard and very hard rock compared to hot-pressed alternatives
- Reduces drilling resistance and increases drilling speed

Applications

Primary Applications

Engineering Reconnaissance, Grouting, Grounding Processes, Concrete Drilling, Rock Drilling

Technical Comparison

Technology Comparison

Feature	Electroplated Tools	PCD Hot Press Sintering
Manufacturing Temp	Low Temperature	High Temperature
Diamond Integrity	Preserved	Risk of thermal damage
Hard Rock Performance	High (Monocrystal breakage)	Standard