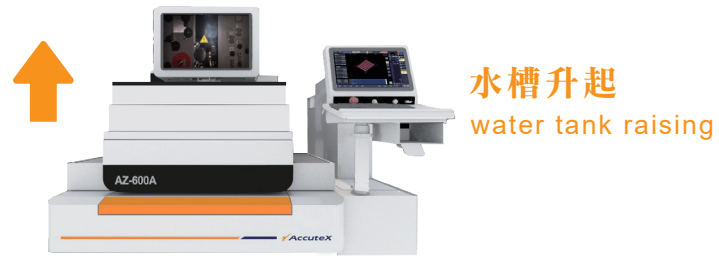


全新自動三面升降水槽設計

採用靈活的自動三面升降水槽與二段式水槽門設計，可無縫配合機械手臂進行自動上下料，實現無人化生產。

Automatic Sliding working Tank Design

The flexible automatic three-sided lifting water tank and two-stage water tank door design perfectly accommodate robotic arms for automated loading and unloading, creating a truly unmanned production environment.

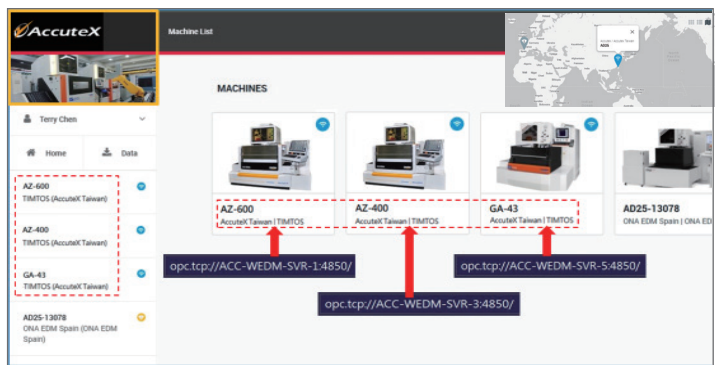


Smart Connect 智能遠端監控

提供全方位的機台遠端管理與即時監控功能
智能即時監控機台的運作狀態，收集加工數據並分析、提供維修保養建議，為機台進行全方位的遠端管理。

Smart Connect Intelligent Remote Monitoring Achieve comprehensive remote management and monitoring of the machines.

The intelligent system enables real-time monitoring of machine operations, collects and analyzes processing data, and provides maintenance recommendations, ensuring comprehensive remote management of the equipment.



OPC UA

專為自動化技術應用設計的國際標準機器對機器 (M2M) 通訊協定，能夠大幅縮短系統整合與開發時間，快速實現智能化應用，並進一步導入場域智慧製造系統，提高生產效率與設備互通性。徠通也支援此架構，以確保系統穩定性與相容性。

A machine-to-machine international standard communication protocol designed for automation technology applications. It shortens system integration and development time, enabling rapid implementation of intelligent applications and further integration into smart manufacturing systems.



The Pioneer Of Wire Cut EDM

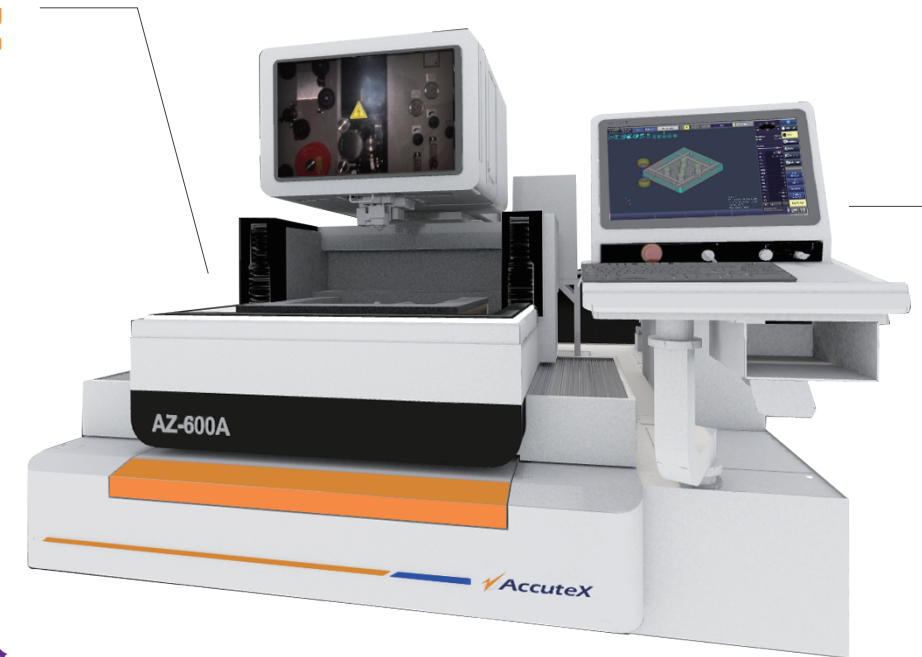
AccuteX 下世代線切割放電加工機 綠色加工和協作機器人

AccuteX's Next Generation Wire EDM Machine -Green machining & Collaborative Robots

三面升降水槽
Automatic Sliding working Tank Design



AMR
自主移動機器人



智能監控
Smart Connect

通訊協定
OPC UA

AccuteX 下一代智慧生產系統，整合自動化功能、協作機器人與無人搬運車，實現高效率、綠色的智慧製造時代。

The AccuteX Next-Generation Production System integrates automatic functions, collaborative robots, and autonomous guided vehicles to advance toward an efficient and green smart manufacturing era.



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智慧省電

閒置狀態自動休眠節能 **96%** 的智慧化設計，加上 IE3 國際效率等級的高效能馬達，與加工時多餘電能回收率高達 **90%** 的能量回收技術，全面提升設備的能源效率。

Smart Energy-Saving Control Method and System

The intelligent design enables automatic sleep mode during idle periods, saving up to **96%** of energy. Combined with a high-efficiency IE3 components and energy recovery technology with a surplus energy recycling rate of up to **90%**, the system significantly enhances overall energy efficiency.



濾網壽命延長

新型水系統控制技術使壽命 **提升200%**，降低更換頻率，減少耗材成本(機台水槽加工區恆溫控制裝置 發明專利申請中(案號113112207))。

Extended Filter Lifespan

The new water filtration control technology optimizes performance, extending the lifespan by **200%**, reducing replacement frequency, and lowering operating costs.

轉角 / 圓弧路徑最佳變更

動態補償技術實現加工轉角/圓弧不減速，結合徠通的加工路徑最佳化技術，達成高速穩定切割，**提升加工效率 20%**，同時保持精度。

Corner / ARC

Dynamic Compensation Technology enables corner / ARC machining without deceleration. Combined with Accutex's optimized machining path technology, it achieves high-speed and stable cutting, boosting machining efficiency by **20%** and still remain cutting accuracy.

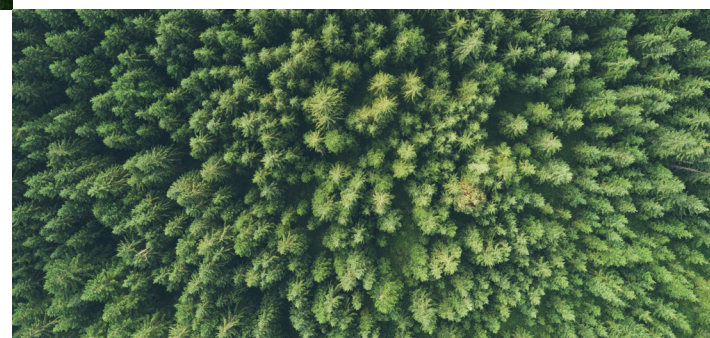


智能晶片管理

AI 控制晶片提升放電頻率，縮小切割間隙，在相同的耗能下可以**提升10%**加工距離。

Smart Chip Management

The AI control chip increases discharge frequency, reducing the cutting gap for higher precision. Enhances energy efficiency by **10%**, allowing for longer machining distances.



AI智慧加工 AI Processing



AZ-400A

探針線上量測系統

高感度探針可精準捕捉模板架設位置的微小偏差，並透過控制器自動執行誤差補償，特別適合高精度要求的大規模生產。

Probe Measuring System

The high-sensitivity probe precisely detects slight deviations in fixture positioning and automatically performs error compensation through the controller, making it ideal for large-scale production with high precision requirements.



銅線耗用預估系統

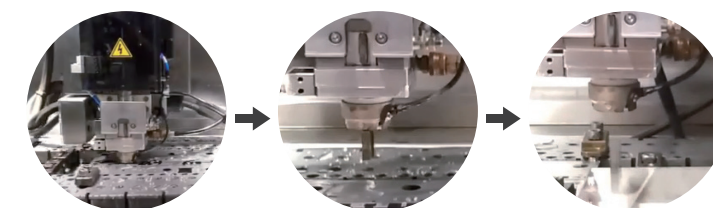
提高生產效率，減少因銅線不足導致的停機時間。功能讓線切割機操作者在加工前，預測銅線是否足夠完成下一個工件，避免加工中途因耗材不足而中斷。

Wire Consumption Estimation System

Allows wire EDM operators to predict whether there will be enough wire to complete the whole cutting process, preventing interruptions due to insufficient consumables during the machining process.



廢料自動移除模組



取料 Pick up the core 移動 Move the core 落料 Drop the core

使用獨特的機構模組進行廢料移除，大幅節省人工，提升自動化程度，落實高效率生產。

- 具專利之廢料自動移除技術 (專利號: I676513)
- 可加裝於原有機構，在現有機台實現，擁有廢料盒位置多點設定功能
- 可整合智能化製造系統與機械手臂，進一步提高生產力



Core Remove Module

During Wire Cut EDM machining, by using the new-generation flushing nozzle to remove the core automatically can reduce human operation and increase productivity.

- Patented technology to remove core. Patent (No.1676513)
- Integrated with intelligent manufacturing system and robot to increase productivity.
- Can integrate with an intelligent manufacturing system and a robotic arm to further improve productivity.