

Design of electrical equipment system for CNC electrical discharge machining machine

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Abstract: In the context of modern manufacturing industry development, ensuring a stable and efficient power supply for CNC machining equipment becomes crucial. This topic focuses on designing a power supply system for CNC electrical discharge machining. The objective is to develop a solution that improves product quality and increases the operational productivity of CNC machines. The research method includes a combination of electronic theory and experimentation on equipment. It is expected that this topic will provide valuable information for manufacturers and users, contributing to technological advancement in the manufacturing industry.

Keywords: CNC, electrical equipment system, electric spark, machining performance, electronic engineering