

# Deep Hole Drilling Machine

This deep hole drilling machine is equipped with a SIEMENS PLC NC system. It is driven by an A.C servo motor and transmitted by a ball screw.



## Overview

### Precision Deep Hole Drilling

The ZK21103 is a specialized deep hole drilling machine engineered for the precision machining of long, slender holes. It features a rigid machine frame for enhanced stability and is equipped with a comprehensive control system for accurate programming and monitoring. This machine is ideal for demanding industries such as automotive, aerospace, and medical, where consistent deep hole drilling performance is critical.

## Control Systems

Available Control Systems	SIEMENS PLC NC, FANUC 0i mate-TC, HNC
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## Mechanical Specifications

Drive System	A.C. servo motor with ball screw transmission
Guideway Design	Conglutinated plastic guideway for smooth, creep-free low-speed operation
Lubrication	Automatic intermittent lubrication for spindle bearings and guideway surfaces

## Performance Features

Spindle Drive	Varyspeed motor
Coolant System	Yes
Tool Changing	Yes