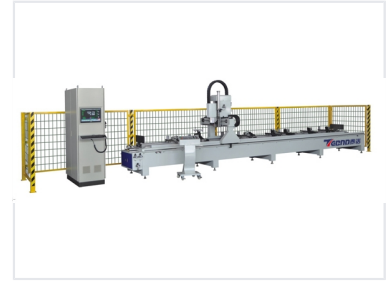


# Aluminum Profile Machining Center

This machining center is designed for precise hole tapping, milling, and mounting, as well as slot processing on curtain wall profiles. It is compatible with aluminum alloy, lightweight alloy, and uPVC profiles.



## Overview

### High-Performance Machining Center

This double worktable CNC processing center is engineered for high-speed, precision machining of aluminum, lightweight alloys, and UPVC profiles. It features an integrated three-axis movement system with mutual compensation between X and Y axes, ensuring high accuracy for complex tasks like milling, tapping, and drilling. Designed for industrial efficiency, the machine includes a revolving six-position mill changer and dual profile locating devices, allowing for continuous operation without downtime.

## Performance Metrics

### Spindle Performance

**5.5 Kw**

Power

**18000 r/min**

Max Speed

### Axis Travel Speeds

Axis	Speed (m/min)
X-axis	60
Y-axis	30
Z-axis	30

## Technical Specifications

### Axis Travel Distances

- X-axis: 7200mm
- Y-axis: 450mm
- Z-axis: 600mm

Model	TEC-CNC-HS7000
Processing Range	7000 x 400 x 300 mm
Overall Dimensions	8100 x 2000 x 2600 mm

## Electrical Requirements

### Power Specifications

- Input Voltage: 380V/50Hz
- Input Power: 12Kw

## Features

### Safety Systems

Head Position Checking • Operator Position Checking

### Machining Capabilities

Taping, Milling, Mounting Holes, Lock Holes, Slotting