

## Case Study



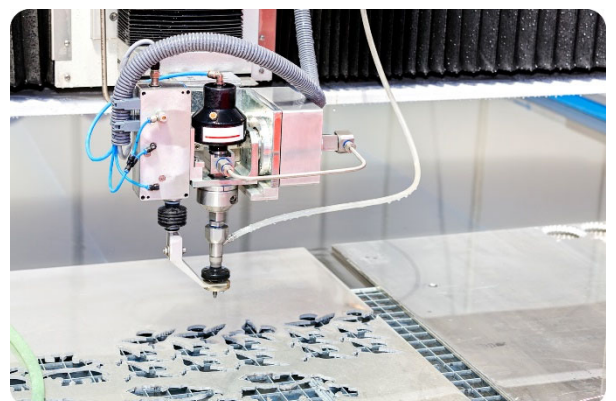
## Cincoze CV-117/P1001 Enhanced Higher Productivity for Stone Processing Machine

### Introduction

One of our customers in Europe is a leading manufacturer of machinery and systems for the machining of stone, glass, composite materials, plastic, aluminum, and other metals. These machine equipments are designed for processing materials used in buildings, architecture, and interior and exterior designs.

The machine manufacturer wanted to build machines for processing stone and marble as well as hard mineral building materials. To adapt to the respective requirements and monitor conditions during production while considering different materials with different quality grade settings, the manufacturer decided to adopt PC-based platforms for the computing and control consoles.

They decided to choose Cincoze CV-117/P1001 industrial panel PC as its control interface and integrate it into the stone and marble processing machine.



## Customer's Demands

This stone processing machine was equipped with a reliable industrial panel PC to run its visualization software and control machining tools. Due to the fact that the working conditions in the factory is humid and dusty, the industrial panel PC should be resistant to water and various substances. Besides, the industrial panel PC is required to be easy to integrate, maintain, and upgrade.

The field operator sometimes wears gloves during the production process to change machining tools and operate the stone processing machine. Thus, the resistive type touch screen was required. Continuous shock or irregular vibration occurs while the cutting the stone, so the industrial panel PC is resistant to severe shocks and vibrations to ensure stability while operating.

## Why Cincoze?

### ● Innovative Modular Design

Thanks to Cincoze's patented CDS (Convertible Display System) technology of its panel PC series, the modular plug-and-play design can be assembled by the PC system module and display module. This means users can take advantage of such modular designs and easily replace the PC system module or display module on site for reducing downtime and maintenance costs. It also protects the company's investment for future upgradability.



### ● Resistive Touchscreen & IP65 Front Panel

The CV-117/P1001 adopted resistive touch screen allows efficient operation of the panel PC even with latex gloves. Under the protection of the P65 rated front bezel, the CV-117/P1001 is resistant to contact with dust particles, liquid, debris, making it ideal for usage in industrial automation or machine shops. Finally, the panel PC is flat and applies a panel mount for installation in control consoles or control cabinets.

### ● High Resistance to Vibration and Shock

Featuring high vibration (1.5G) and shock (15G) resistance, the CV-117/P1001 ensures stable equipment operation and a reliable manufacturing process. Being equipped with Cincoze's industrial-grade panel PC provides the peace of mind needed for running an industrial environment.

For more information, please visit [www.cincoze.com](http://www.cincoze.com), or contact us thru email: [info@cincoze.com](mailto:info@cincoze.com).

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