

**Machine Name : Wire cutting machine**

**Brand : Charmilles**

**Machine Model : CUT 300 Sp**

**Stock No. : 66860**

**Ex-factory Date : 2013**



**Main Technical Parameters:**

travel of X/Y/Z axes: 300×250×250mm

U/V axis travel:  $\pm 50 \times \pm 50$ mm

Maximum machining taper:  $\pm 30^\circ$  (when the plate thickness is 50mm)

$\pm 15^\circ$  (when the plate thickness is 100mm)

machining precision:  $\pm 2\mu\text{m}$

Surface finish: Ra0.08 $\mu\text{m}$  (Mirror machining effect)

Electrode wire compatibility: Diameter 0.1 to 0.3mm

Maximum machining efficiency: approximately 300mm<sup>2</sup>/min

Maximum workpiece size: 600×450×250mm

Maximum workpiece weight: 500kg

Drive CNC System: Linear motor drive

It is equipped with a high-precision glass scale closed-loop control

Cutting fluid CNC System: Intelligent temperature-controlled filtration CNC System to ensure machining stability

Control functions: Supports automatic threading, broken wire detection and re-cutting

SuiWorktable for unmanned continuous machining

This model is mainly targeted at precision machining scenarios

It is often used in precision molds

Complex wheels with high precision requirements such as aerospace parts

