



## TAURUS CUTMASTER 165T-PRO PLASMA CUTTER WITH BUILT-IN COMPRESSOR – 380V

### Description

The Taurus CUT 165T with a built-in compressor inverts the 50Hz power supply to a high-frequency, high-voltage power supply of up to 20KHz. The inversion process is facilitated by a powerful IGBT device followed by step-down rectification and pulse-width modulation (PWM) technology, producing a high-power DC output suitable for cutting. The advanced inverter technology allows the construction of a smaller volume, lightweight, stable, and reliable transformer with a 30% improved efficiency. The Taurus CUT 165T offers a concentrated, stable, powerful, and fast-cutting arc, resulting in a super-smooth cutting surface on a reduced heat-affected area. It can be used for cutting various metals including stainless steel, aluminium, copper, cast iron and carbon steel. A narrow and clean-cut seam is produced with less effort and low deformation. The machines are suitable for use in the manufacturing industry, site work, installation and maintenance, plate cutting, cutting holes, patching, beveling, pipe cutting and various other metal cutting applications.

### ACCESSORIES

- Earth clamp cable kit.

- A151 plasma torch.

## SPECIFICATION

**PRODUCT CODE**

**MODEL**

**POWER SUPPLY VOLTAGE**

**DUTY CYCLE 40°C @ 10 MINUTES**

**OPEN CIRCUIT VOLTAGE**

**ARC IGNITION TYPE**

**MAXIMUM QUALITY CUT THICKNESS (MILD STEEL)**

**SEVERANCE CUT THICKNESS (MILD STEEL)**

**PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG)**

**Product Category**

1. Taurus Machines
2. Plasma Cutters

**Date Created**

06 Jul 2026

## DESCRIPTION

TA-CUTMASTER-165T-PRO

CUTMASTER 165T-PRO

380V±10% THREE PHASE

60% @ 125A (CUT)

310V

HIGH FREQUENCY – NON-CONTACT

40mm

45mm

580 x 710 x 670mm ? 68KG