



TAURUS CUT-70D PLASMA CUTTER WITH BUILT-IN COMPRESSOR – 220V/380V

Description

The Taurus Cut 70A with 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 and light-weight, stable and reliable transformer with a 30% improved efficiency. This series of plasma cutting machines produce a concentrated, stable, powerful and fast-cutting arc at an ionized state of 10000-15000°C. The result is a super-smooth cutting surface on a reduced heat affected area which facilitates further processing.

The Taurus Cut 70A 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, installation and maintenance, plate cutting, cutting holes, patching, beveling, pipe cutting and various other metal cutting applications.

The machines in this series are manufactured in accordance with IEC60974-1 <Arc Welding Equipment-Part 1: Welding Power Sources>, Safety Requirements for Arc Welding Equipment.

ACCESSORIES

- Earth clamp cable kit.
- P80 plasma torch.

SPECIFICATION

PRODUCT CODE

MODEL

POWER SUPPLY VOLTAGE

DUTY CYCLE 40°C @ 10 MINUTES

OPEN CIRCUIT VOLTAGE

OUTPUT CURRENT RANGE

MAXIMUM QUALITY CUT THICKNESS (MILD STEEL)

SEVERANCE CUT THICKNESS (MILD STEEL)

PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG)

DESCRIPTION

TA-CUT70D

CUT-70D

220V±25% SINGLE PHASE & 380V±25% THREE PHASE

60% @ 60A (220V) ? 60% @ 70A

268V

30 TO 60A(220V) ? 30 TO 70A(380V)

25mm

30mm

710 x 385 x 680mm ? 45.8KG

Product Category

1. Plasma Cutters
2. Taurus Machines

Date Created



16 Jul 2025