

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

DESCRIPTION

PRODUCT CODE	TA-CUT70D
MODEL	CUT-70D
POWER SUPPLY VOLTAGE	220V±25% SINGLE PHASE & 380V±25% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 60A (220V) ? 60% @ 70A
OPEN CIRCUIT VOLTAGE	268V
OUTPUT CURRENT RANGE	30 TO 60A(220V) ? 30 TO 70A(380V)
MAXIMUM QUALITY CUT THICKNESS (MILD STEEL)	25mm
SEVERANCE CUT THICKNESS (MILD STEEL)	30mm
PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG)	710 x 385 x 680mm ? 45.8KG

Product Category

1. Plasma Cutting Machines
2. Taurus Machines

Date Created

16 Jul 2025