

CutSkill® C-20C Air Plasma Cutting System

**Includes
Built-In Air
Compressor**

- **Fast, Easy Cuts on Most Metals**

A favorite for HVAC installations, sheet metal fabrication, metal art, and home projects, this machine delivers clean cuts on most metals including stainless steel, aluminum, mild steel copper or brass, with minimum heat input & distortion of metal. It also cuts through rusted, painted or coated surfaces without prior surface preparation.

- **Portable and Powerful**

This inverter based power supply automatically links the unit to primary voltage from 115 to 230 Volts, single phase, 50 or 60 Hz, typically found in most homes and maintenance shops. Weighing just 57 lbs. (26 kg) including the built-in compressor, the C-20C is easy to move from location to location.

- **Maximum Arc Visibility for Excellent Operator Control**

The SureLok® PCH-42ER Torch provides excellent cut performance and cut quality, particularly on sheet metal. These are just some of the important torch features:

- Precision-engineered consumable parts are easy to change and require no tools.

- Ergonomic torch handle is comfortable to hold, especially during extended cutting sessions.

- Robust, flexible, heat resistant Leads

- MaximumLife® parts for better operating costs.



- SureLok electrode eliminates tip wobble found in some torch designs, resulting in a cleaner cut and longer parts life.

- Protective interlock circuitry disables the power supply if torch consumable parts are incorrectly assembled.

- Two modes of operation available – standoff cutting or drag cutting.

- Latch feature allows the cutting arc to remain active without constantly depressing the torch switch.

- Full 1-year warranty on repair parts and labor.



System Specifications

C-20C Air Plasma Cutting System

Cut Capacity	Input	Output	Duty Cycle	Panel Indicators	Dimensions	Weight
1/4" (6mm) 115V 3/8" (10mm) 230V	115V +/-10%, 1 ph, 50/60 Hz, 20A 230V +/-10%, 1 ph, 50/60 Hz, 14A	20A @ 115VAC 25A @ 230VAC	30% @ 20 Amps	AC, Over Temp, Air, Latch	H: 11.0" (279mm) W: 10.5" (267mm) L: 15.5" (394mm)	Net Wt. 56.6 lbs. (25.7 kg) Ship Wt. 61.1 lbs. (27.7 kg)

Ordering Information

C-20C Air Plasma Cutting System

Product Description	Catalog No.
C-20C Plasma System (115V/230V) Includes Power Supply, PCH-42 Torch with 20 ft. (6.1m) Leads, 10 ft. (3m) Input Power Cable & Plug (5-20P), 20 ft. (6.1m) Work Cable & Clamp, 3 Extra Tips and 2 Extra Electrodes, and Operating Manual.	1-1626
TORCH	
PCH-42ER, 70 deg., 20 ft. (6.1m) Leads	7-4220
Shield Cup	9-6003
Tip - 20A	9-6504
SureLok® Electrode - 40A	9-6542
Gas Distributor	9-6507
Torch Head	9-8442
ACCESSORIES	
Cutting Guide Kit	7-8910
Single Stage Air Filter	7-7507
20 ft. (6.1m) Leather Leads Cover	9-1260



CutSkill® C-20C
Air Plasma Cutting System
with Built-in Air Compressor



Cutting Guide Kit
Cat. No. 7-7501



Single Stage Air Filter
Cat. No. 7-7507

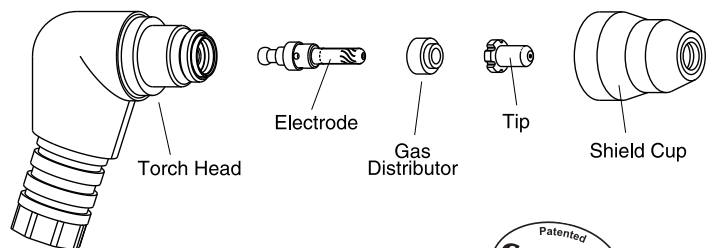


Leather Leads Cover
Cat. No. 9-1260

Torch Specifications

SureLok PCH-42ER

Torch Head	70 deg.
Gas Type	Built-in Air Compressor
Gas Flow	2.3 scfm (61 lpm)
Pilot Method	CD Start
Lead Length	20 ft. (6.1m)



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