

LINCOLN
ELECTRIC

Product CHANGE NEW Product

CV405-I

Subject :

New CV Power Source : CV405-I



**Outstanding Welding
Behaviour**

Changes : The CV405-I will replace CV400-I

- Same technology and parts design as the CV400-I. (see technical specification below).
- Outstanding welding characteristics. Even improved at low parameters, on short circuit transfer, compared to CV400-I.
- New case design (same look as CV450T).
- No control on Power source (just ON/OFF switch), all controls are on wire feeder.
- Tool box.
- Delivered as "semi-package" AIR or WATER, (power source separated from wire feeder), see product description below.
- 2 Years Warranty.

Wire feeders :

Best package combination :

- Linc Feed (LF) LF30 and LF31 (see product change PCN01-09)

Other choices :

- LN25 & 27 *
- LN542 & 742 *
- LN10 & DH10 *

*No swivel platform available to fix the wire feeder on the CV405-I

Note : Use the "Power Source/Wire Feeder cable" from the corresponding wire feeder

Effective date :

Immediately.

(CV400-I will be Obsolete and available until stock is depleted.)

Technical Specifications :

INPUT			
Input Voltage 230V 3-phase 400 V 3-phase	Input Power at Rated Output 18 kW @ 100% FM 21 kW @ 60% FM	Frequency 50/60 Hertz (Hz)	
RATED OUTPUT			
Duty Cycle (acc. EN60974-1) (Based on a 10 min. period) 60% 100%	Output Current 400A 300A	Output Voltage 34 V 29 V	
OUTPUT RANGE			
Welding Current Range 50 A to 400A - DC	Open Circuit Voltage 10 to 43 V	Auxiliary Power 42V AC-10A (wire feeder) 230V AC-3.5A (water cooler)	
DIMENSIONS			
Height (mm) 780	Width (mm) 670	Length (mm) 1050	Weight (Kg) 148
Operating Temperature -20°C à +40°C		Storage Temperature -25°C à +55°C	

Item# :

Model / Description	Product Number
CV405-I On undercarriage - Air cooled Including : - CV405-I power source - 5m-input cable - 4x10mm ² - 5m-work clamp and cable assembly - 500A - 70mm ² - Wire feeder swivel plastic platform support	K10354-1A
CV405-I On undercarriage - Water cooled Including : - CV405-I power source - 5m-input cable - 4x10mm ² - 5m-work clamp and cable assembly - 500A - 70mm ² - Wire feeder swivel plastic platform support - Water cooler, 8 liters - 400A – CE	K10354-1W

Instruction Manual : IM1047

Brochure : E0007.11/01