

Multi-Weld™ 350

Connect Several DC+ Welders to One Power Supply


The Multi-Weld350 is a 350 amp, DC+, 100% duty cycle welder capable of CV-wire, CC-stick or arc gouging. With its high efficiency, the Multi-Weld350 offers an entirely new and better way to build large structures. This unique system offers a cleaner, safer job site, and allows operators to have high performance welding control right where they need it – at the arc.



Processes (DC+ Processes Only)

Stick MIG Flux-Cored Gouging

Advantage Lincoln

- Independent arcs. Starting or stopping one Multi-Weld doesn't affect the welding of the others.
- The Multi-Weld350 is capable of continuous operation at 350 amps in 122°F (50°F C) air temperature.
- No control cables are needed. Single weld cable output from the power source to one or several Multi-Weld350s.
- Controls are located close to the operator for quick access.
- High efficiency design uses less than half the power of other grid systems.
- Lincoln  Chopper Technology for quality welds with instant control of the arc for superior welding results.
- Constant voltage (CV) for MIG or flux-cored wire welding.
- Constant current (CC) for stick welding or arc gouging.
- Additional stick welding controls include hot start, arc force, electrode type selection (E7018 and E6010).
- Arc gouging capability with a single Multi-Weld350 and up to 5/16" (8.0mm) electrode, or with paralleled units for up to 700 amps of power using a 3/8" (9.5mm) electrode.
- Manufactured under a quality system certified to ISO 9001 requirements and ISO 14001 environmental standards.
- Three-year warranty on parts and labor.

Description

Output   Input 

Recommended General Options

Distribution Box, Welding Cable Connectors, Input Cables, Remote Output Control, Undercarriage

Recommended Power Source Options

SAE-400, Vantage 500, DC-655, DC-1000, DC-1500

Recommended Wire Feeder Options

LN-15 Across-the-Arc, LN-25 Across-the-Arc

Order

K1735-1 Multi-Weld 350

TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Volts	Rated DC+ Output Current/Voltage/Duty Cycle	Input Current at Rated DC Output (80V DC)	Output Range	Dimensions H x W x D in. (mm)	Net Weight lbs. (kg)
Multi-Weld 350	K1735-1	80V DC (50 - 113 Peak Range)	350A / 34V / 100% DC+	165A	15 - 40 Volts 30 - 350 Amps Max. OCV: 78V	11.6 x 10 x 21.5 (295 x 254 x 546)	59 (27)