

1-800-GRAINGER (472-4643)

Stick Welders

ESAB—Resists power fluctuations even while working on long extension cables up to 300 ft. (12 AWG size).

Hobart—Precise amperage control allows you to adjust output by as little as one-amp increments.

Lincoln Electric—5JPG3 has a front-mounted AC/DC polarity switch and full-range amperage selector switch. 6FKG4 features a full-range continuous current control dial with indicator.

Miller Electric—53AY42 has a Miller X-Case that protects unit and eases transport. Hot Start technology with 404J60 provides quick, reliable starting.



Input Voltage (Nominal)	Polarity	Stick Welding Maximum Output Current	Stick Welding Output @ Duty Cycle	Kit Includes	Item No.
ESAB					
Rogue ES 180i Series					
120V	DC	180 A	110 A @ 24.4 V, 25% (120 V), 116 A @ 24.6 V, 60% (230 V), 180 A @ 27.2 V, 25% (230 V), 55 A @ 22.2 V, 100 % (120 V), 70 A @ 22.8 V, 60% (120 V), 90 A @ 23.6 V, 100% (230 V)	Shoulder Strap, Stick Electrode Holder with Cable, Work Cable with Clamp	60HK07
Hobart					
Stickmate 160i Series					
120V, 240V	DC	160 A	160 A @ 240 V @ 30%, 65 A @ 120 V, 20%	Shoulder Strap, Stick Electrode Holder with Cable, Work Cable with Clamp	404J62
Lincoln Electric					
AC/DC 225/125 Series					
240V	AC/DC	225 A	225 A @ 25 V, 20%	Stick Electrode Holder with Cable, Work Cable with Clamp	5JPG3
Idealarc 250 Series					
208V, 480V, 240V	AC/DC	300A	250 A @ 30 V, 30%	Power Source Only	6FKG4
Miller Electric					
Maxstar 161 S Series					
120V, 240V	DC	160 A	110 A @ 24.4 V @ 100% (240 V), 160 A @ 26.4 V, 60% (240 V), 60 A @ 22.4 V, 100% (120 V), 90 A @ 23.6 V, 30 % (120 V)	Case, Stick Electrode Holder with Cable, Work Cable with Clamp	53AY42
Thunderbolt 160 Series					
120V, 240V	DC	160 A	160 A @ 27.8 V, 30% (240 V), 65 A @ 20.7 V @ 20% (120 V)	Stick Electrode Holder with Cable, Work Cable with Clamp	404J60



Lincoln 6FKG4

Stick Welding Electrode Ovens

- Fiberglass insulation
- 18 in max. electrode length

Help ensure high-quality welds by preventing welding rods and electrodes from absorbing moisture from the atmosphere.

Benchtop—Models have a circular shape to promote even heat distribution. 6YE40 features a spring latch that tightly secures the insulated lid for oven transport, while 5HJ70 has a lockable door. Removable shelves with 467C99 oven allow for the heating of welded parts.

Portable with Handles—Dryrod ovens feature a spring latch that tightly secures the insulated lid and a handle that can be extended or retracted for oven transport or storage. 467D01 is a cylinder-shaped oven with a rod elevator that allows you to remove electrodes with ease and a fill tab for fast loading of electrodes into the oven.

Portable with Wheels—The wheels have a steel hub and ball bearings for long life.



Benchtop 6YE40

Portable with Handles 467D01

Portable with Wheels 3KB73

Maximum Weight Capacity	Input Voltage (Nominal)	Heating Elements	Operating Temp. Range	Chamber W x D	Color	Weight	Brand	Item No.
Benchtop								
150 lb	240V, 100V	600W Wire Wrap	100 °F to 300 °F	14 in x 19.75 in	Yellow	64 lb	Dryrod	6YE40
350 lb	100V	1000W Dual Volt	100 °F to 550 °F	18 in x 19 in	Red	90 lb	Lincoln Electric	467C99
400 lb	240V, 100V	1000W Dual Volt	100 °F to 550 °F	18 in x 19 in	Gray	90 lb	Dryrod	5HJ70
Portable, with Handles								
10 lb	100V	75W Wire Wrap	32 °F to 300 °F	3 in x 20 in	Red	10.5 lb	Lincoln Electric	467D01
20 lb	240V, 100V	70W Dual Volt	100 °F to 300 °F	4 in x 20 in	Yellow	15.25 lb	Dryrod	3KB72
50 lb	240V, 100V	300W Wire Wrap	100 °F to 300 °F	8 in x 20 in	Yellow	37 lb	Dryrod	6YE39
Portable, with Wheels								
50 lb	240V, 100V	300W Wire Wrap	100 °F to 300 °F	8 in x 20 in	Yellow	43 lb	Dryrod	3KB73

Stick Welding Electrode Holder and Cable Kits



Maximum Current	Wire Gauge	Cable Connection Type	Electrode Cable Length	Work Cable Length	Brand	Item No.
Electrode Holder & Cable Kit						
200 A	#4/0	Twist Mate	12 ½ ft	10 ft	Lincoln Electric	12C012
400 A	#2/0	Lug, Tweco	10 ft	10 ft	Miller Electric	49WM87
Ground Clamp, Electrode Holder & Cable Kit						
200 A	#2/0	Lug	50 ft	50 ft	Miller Electric	1EC88
300 A	#2/0	Lug	100 ft	50 ft	Miller Electric	6DLW8
350 A	#2/0	Lug	50 ft	50 ft	Miller Electric	6DLW9
400 A	#3/0	Dinse	15 ft	12 ft	Esab	6NU77
Welding Helmet, Ground Clamp, Electrode Holder & Cable Kit						
400 A	#2/0	Lug	35 ft	30 ft	Lincoln Electric	6JDV4



Welding Helmet, Ground Clamp, Electrode Holder & Cable Kit 6JDV4



Stick Welding Electrode Storage Containers

- Electrode length: up to 14"
- Weight capacity: 10 lb.

Also known as rod guards, they hold electrodes when not in use and protect them from moisture and other contaminants.



5JC13

Color	Max. Operating Temp.	Brand	Item No.
Red	225 °F	Lincoln Electric	6JDW3
Yellow	250 °F	Safetube	5JC13



Stick Welding Electrode Holders



Clamp-Style 44ZE40



Twist-Style 12A758

Maximum Current	For Maximum Electrode Diameter	Wire Gauge	Duty Rating	Holder Jaw Material	Cable Connection Type	Brand	Item No.
Clamp-Style							
200 A	5/32 in	2/0	Heavy Duty	Copper Alloy	Ball Point Screw	Tweco	44ZE40
300 A	7/32 in	2/0	Heavy Duty	Copper Alloy	Ball Point Screw	Tweco	44ZE32
Twist-Style							
400 A	1/4 in	3/0	Heavy Duty	Steel	Ball Point Screw	Bernard	12A758

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