



Magnum[®] PRO Curve[™] HDE[™]

Semi-Automatic Welding Guns

LINCOLN[®]
ELECTRIC



Introducing the Magnum PRO Curve HDE

250, 350, 450, & 550

Lincoln Electric introduces the Magnum PRO Curve HDE welding guns line. The Curve HDE, or Heavy Duty and Ergonomic, semiautomatic welding guns are designed for robust operation, versatility and comfort. In addition, Lincoln Electric's long-lasting premium expendables are tailor-made to maximize the HDE line's performance.



Robust Guns. Premium Performance.

100% Duty Cycle

- » The Magnum PRO Curve HDE guns are rated at 100% duty cycle, the highest rating in their class. This makes them ideal for rugged environments and high heat applications.

Long-lasting Expendables

- » Magnum PRO expendables are designed with welding arc performance in mind. Using Magnum PRO expendables results in more time welding and less time wasted.

Versatile

- » Reduce downtime and easily change position with the Magnum PRO Curve HDE's 360° rotating gun tube that can be loosened without the need for tools.

Comfortable

- » The soft rubber over molding and ergonomic shape of the handle reduces hand fatigue and enhances grip for a better weld control.

Processes »

MIG, Pulsed MIG, Flux-Cored

Applications »

Heavy Fabrication, General Fabrication, Pipe, Structural, Automotive/Transport

Output »



Input »



Product Number »

250A:
10 ft. - K4531-1
15 ft. - K4531-2
20 ft. - K4531-3
25 ft. - K4531-4

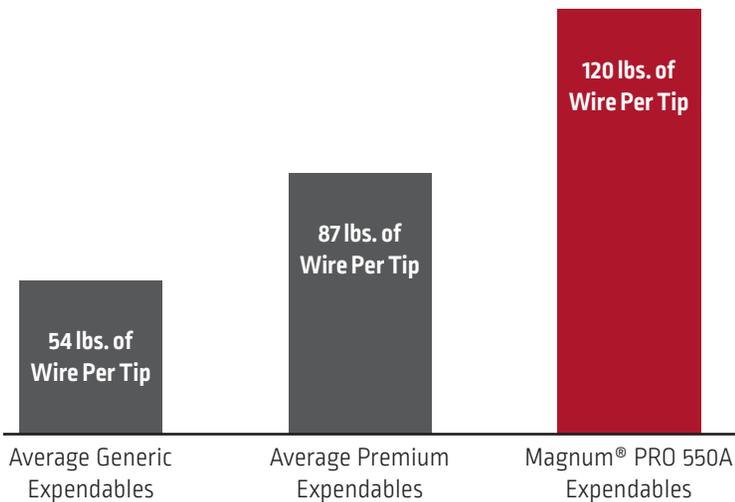
350A:
10 ft. - K4532-1
15 ft. - K4532-2
20 ft. - K4532-3
25 ft. - K4532-4

450A:
10 ft. - K4533-1
15 ft. - K4533-2
20 ft. - K4533-3
25 ft. - K4533-4

550A:
10 ft. - K4534-1
15 ft. - K4534-2
20 ft. - K4534-3
25 ft. - K4534-4

MAGNUM PRO EXPENDABLES

Lincoln Electric's long-lasting Magnum PRO expendables have patented features that are designed with both performance and productivity in mind. The premium performance of the expendables can extend their service life, reducing downtime and overall costs. Using Magnum PRO expendables on your Magnum PRO Curve HDE results in more time welding and less time wasted, leading to overall savings.



Lasts Up To
124% Longer

Results in Up to
\$415 of Savings
per Gun Annually by
Switching to Magnum PRO

Test results for consumable longevity, gun and expendable performance and savings were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.

ROBUST GUNS, HIGH DUTY CYCLE

Every model in the Magnum PRO Curve HDE line performs at 100% duty cycle – the highest duty cycle in its class for each gun type. The combination of robust performance and ease of use makes the Magnum PRO Curve HDE family the ideal option for a number of industry segments.

Higher duty cycle results in:



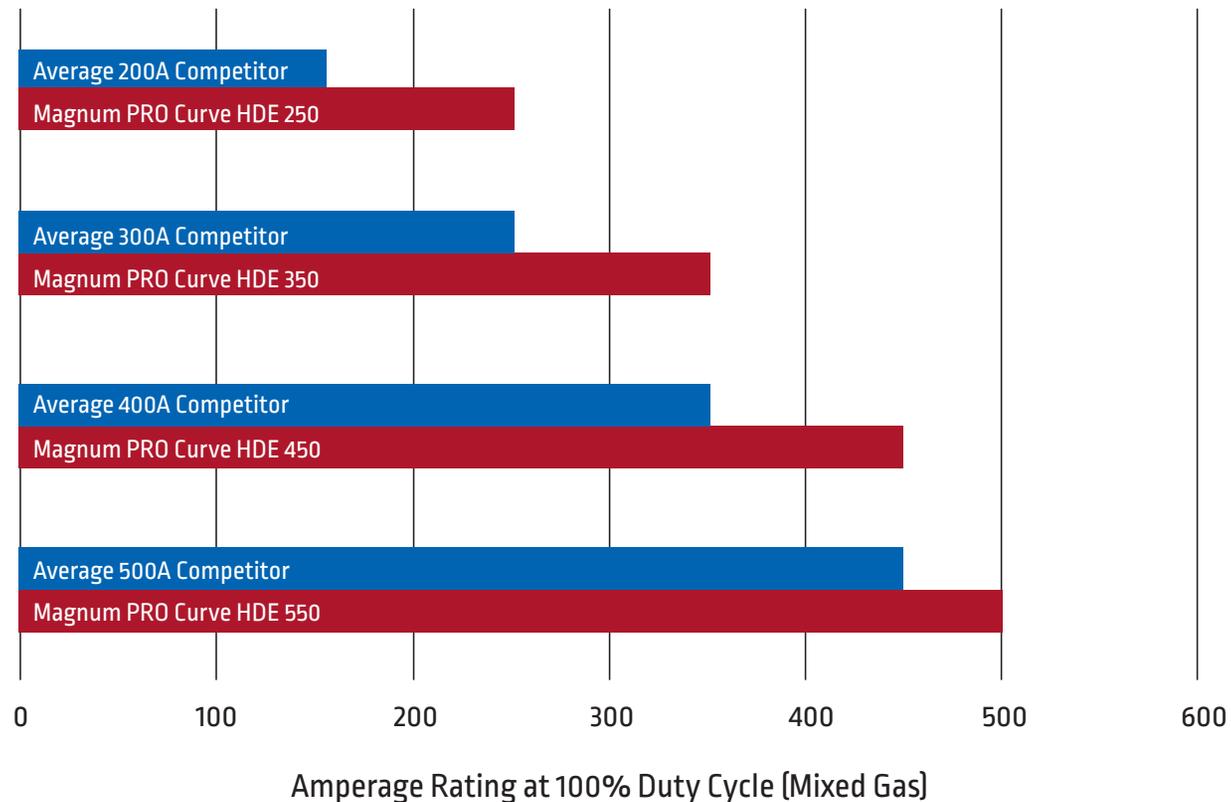
Longer-lasting expendables



Less frequent gun and expendable replacement



Cooler and more comfortable in the operator's hand





VERSATILE DESIGN

The Magnum PRO Curve HDE guns are designed with a 360° tool-less rotatable gooseneck that can easily be adjusted on the fly.

BENEFITS

- Enables the operator to get comfortable
- Helps avoid operator strain when welding unique joint configurations
- Promotes operator safety and ergonomics
- Saves time by eliminating the need for an extra tool to adjust the gooseneck



OPERATOR COMFORT



The Magnum PRO Curve HDE guns aren't just high performers. They're easy to handle, too. Each model in the line features an ergonomically designed over-molded handle that improves the operator's overall welding experience.

BENEFITS

- Increases comfort
- Enhances grip
- Reduces hand fatigue
- Improves control of the weld

MAGNUM PRO CURVE HDE GUNS

Product Number	Amperage Rating 100% Duty Cycle CO ₂	Amperage Rating 100% Duty Cycle Mixed Gas	Wire Diameter Range in (mm)	Cable Length ft (m)	Gun Tube	Gun Connector	Gun Liner			
K4531-1	250	250	0.025 - 0.045 [0.6-1.2]	10 (3.0)	KP4693-60	Order Separately	Order Separately			
K4531-2				15 (4.5)						
K4531-3				20 (6.1)						
K4531-4				25 (7.6)						
K4532-1	350	350	0.035 - 5/64 [0.9-2.0]	10 (3.0)	KP4694-60					
K4532-2				15 (4.5)						
K4532-3				20 (6.1)						
K4532-4				25 (7.6)						
K4533-1	450	450	0.035 - 5/64 ⁽¹⁾ [0.9-2.0]	10 (3.0)	KP4695-60					
K4533-2				15 (4.5)						
K4533-3				20 (6.1)						
K4533-4				25 (7.6)						
K4534-1	550	500	0.035 - 1/8 [0.9-3.2]	10 (3.0)	KP4696-60					
K4534-2				15 (4.5)						
K4534-3				20 (6.1)						
K4534-4				25 (7.6)						
K4531-2-10-45	250	250	0.025 - 0.045 ⁽²⁾ [0.6-1.2]	15 (4.5)	KP4693-60	K466-10	KP42-4045-15			
K4531-2-6-45						K466-6	KP42-4045-15			
K4531-2-3-45						K466-3	KP42-4045-15			
K4532-2-10-45	350	350	0.035 - 5/64 ⁽²⁾ [0.9-2.0]	15 (4.5)	KP4694-60	K466-10	KP44-3545-15			
K4532-2-6-45						K466-6	KP44-3545-15			
K4532-2-3-45						K466-3	KP44-3545-15			
K4532-2-1-45						K466-1	KP44-3545-15			
K4532-2-10-116						K466-10	KP44-116-15			
K4532-2-6-116						K466-6	KP44-116-15			
K4532-2-3-116			K466-3	KP44-116-15						
K4532-2-1-116			K466-1	KP44-116-15						
K4532-4-10-116			25 (7.6)	0.035 - 5/64 ⁽³⁾ [0.9-2.0]		15 (4.5)	K466-10	KP44-116-25		
K4532-4-6-116							K466-6	KP44-116-25		
K4532-4-3-116							K466-3	KP44-116-25		
K4532-4-1-116							K466-1	KP44-116-25		
K4533-2-10-564	450	450			0.035 - 5/64 ⁽¹⁾⁽⁴⁾ [0.9-2.0]		15 (4.5)	KP4695-60	K466-10	KP44-564-15
K4533-2-3-564									K466-3	KP44-564-15
K4533-2-7-332			0.035 - 5/64 ⁽¹⁾⁽⁵⁾ [0.9-2.0]	15 (4.5)	KP4696-60SN	K613-7	KP45H-332-15			
K4533-2-3-332						K613-3	KP45H-332-15			
K4534-2-7-332	550	500	0.035 - 1/8 ⁽⁵⁾ [0.9-3.2]	15 (4.5)	KP4696-60	K613-7	KP45H-332-15			
K4534-2-3-332						K613-3	KP45H-332-15			

(1) The 450A gun can be adapted to run up to 1/8 in. wire by using a KP45 series liner, a K613 series backend, and a 550A or 550A short gooseneck. The original 450A gooseneck cannot be used on wire larger than 5/64 in.

(2) 0.035-0.045 liner included in Ready-Pak

(3) 0.052-1/16 liner included in Ready-Pak

(4) 1/16-5/64 liner included in Ready-Pak

(5) 5/64-3/32 liner included in Ready-Pak

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company* is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.