

POWER WAVE® S350 ONE-PAK'S FOR ALUMINUM

The Complete System

KEY FEATURES

- » Includes everything you need to weld Aluminum
- » Full solution for overcoming typical challenges with welding aluminum -
 - Easy process selection - advanced wave forms tailored specifically for Aluminum welding , and auto-settings to ensure proper procedure setup
 - Superior push-pull design for consistent and reliable wire feeding
 - One-pak's available with air cooled, water cooled and pistol grip gun model options.



Shown: K3552-1

Applications

- General/Heavy Fabrication
- Trailer Manufacturing
- Shipbuilding
- Automotive

Processes

- Pulsed MIG
- Standard CV MIG
- DC TIG
- Stick
- Flux cored

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Input Current @ Rated Output	Rated Output Current/Duty Cycle	Output Range ⁽³⁾	H x W x D in (mm)	Net Weight lb (kg)
Power Wave® S350 Air Cooled Magnum® PRO Front Trigger Aluminum 15' One-Pak®	K3552-1	208/230/380-415/460/575 /1/3/50/60	3 Ph / 40% Duty Cycle: 9/35/19/17/14	GMAW: 350A/31.5V/40%(2) GMAW: 300A/29V/100% SMAW: 325A/33V/40%(2) SMAW: 250A/30V/100%	5-350A	52 x 39 x 26 (1321 x 991 x 660)	450 (204.1)
Power Wave® S350 Air Cooled Magnum® PRO Front Trigger Aluminum 25' One-Pak®	K3552-2		3 Ph / 100% Duty Cycle: 1/28/15/14/11	GTAW-DC: 350A/24V/40% GTAW-DC: 300A/22V/100%			
Power Wave® S350 Air Cooled Magnum® PRO Pistol Grip Aluminum 25' One-Pak®	K3553-1		1 Ph / 40% Duty Cycle: 60/67 ⁽¹⁾ /NA/NA/NA				
Power Wave® S350 Water Cooled Magnum® PRO Pistol Grip Aluminum 25' One-Pak®	K3554-1		1 Ph / 100% Duty Cycle: 60/53/NA/NA/NA				

(1) Based on the U.S. National Electrical Code

(2) On 230 Volt / 1 Phase inputs, the peak rating is at a duty cycle of 30%, except for GTAW processes

(3) On 208 Volt inputs, the maximum output is limited to 300 amps

WHAT'S INCLUDED

ACCESSORIES	Product Number	Air-Cooled ⁽¹⁾			Water-Cooled ⁽²⁾
		15 ft One-Pak® (K3552-1)	25 ft One-Pak® (K3552-2)	25 ft Pistol Grip One-Pak® (K3553-1)	25 ft Pistol Grip One-Pak® (K3554-1)
Power Wave® S350 Advanced Process Welder	K2823-3	•	•	•	•
Power Feed® 25M Semi-Automatic Wire Feeder for Aluminum	K4191-1	•	•	•	•
Inverter and Wire Feeder Cart	K3059-4	•	•	•	•
Harris® Aluminum Flow/Regulator, 355-2CD 100-580	3100546	•	•	•	•
Magnum® PRO AL G225A Push/Pull Air-Cooled Gun w/15 ft (4.5 m) Cable	K3420-1	•			
Magnum® PRO AL G225A Push/Pull Air-Cooled Gun w/25 ft (7.6 m) Cable	K3420-2		•		
Magnum® PRO AL Pistol Grip Push/Pull Air-Cooled Gun w/25 ft (7.6 m) Cable	K3478-2			•	
Magnum® PRO AL Pistol Grip Push/Pull Water-Cooled Gun w/25 ft (7.6 m) Cable	K3479-2				•
CoolArc® 55 Aluminum Water Cooler	K3086-1				•
Power Wave® Advanced Module	K2912-1	•	•	•	•

(1) Air-Cooled One-Paks include the following accessories: drive roll kits, diffusers, nozzles, tips, liners, work lead package, base mounting assembly and ArcLink® control cable.

• Optional

(2) Water-Cooled One-Paks include the following accessories: drive roll kits, coolant, tips, liners, work lead package, water connection kit, base mounting assembly and ArcLink® control cable.

GUN MODEL OPTIONS



Magnum® PRO AL G225A Front Trigger Push/Pull MIG Gun

Air-Cooled - Available with 15 ft (4.5 m) or 25 ft (7.6m) cable lengths



Magnum® PRO AL Pistol Grip Push/Pull MIG Gun

Air-Cooled or Water-Cooled - Available with 25 ft (7.6m) cable length

CUSTOMER ASSISTANCE POLICY

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.

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