

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: K3552-3

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®	K3552-3	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®	K3552-4		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	1 Ph / 100% Duty Cycle: 60/53/NA/NA/NA				
Power Wave® S350 Water Cooled Magnum® PRO Pistol Grip Aluminum 25' One-Pak®	K3554-1						

(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® (K3552-3)	25 ft One-Pak® (K3552-4)	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	K2536-5	•	•	•	•
Inverter and Wire Feeder Cart	K3059-4	•	•	•	•
Harris® Aluminum Flow/Regulator, 355-2CD 100-580	3100546	•	•	•	•
Magnum® PRO AL FC 225 Air, Front Trigger (15 ft)	K4797-1	•			
Magnum® PRO AL FC 225 Air, Front Trigger (25 ft)	K4797-2		•		
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 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 Fixed Conduit Push-Pull Gun 225 Air, Front Trigger

Air-Cooled - Available in 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 in 25 ft (7.6m) cable length

CUSTOMER ASSISTANCE POLICY

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