

POWER WAVE SOFTWARE UPDATE RELEASE NOTES

Software Release: May 2026

1. ARC TRACKER®

Arc Tracker

SW Updated	S28631-16
Primary Weld Set	Z113228

- » Optimizations and bug fixes

2. PIPEFAB®

PIPEFAB

PIPEFAB CE

PIPEFAB STT PCB

	PIPEFAB	PIPEFAB CE	PIPEFAB STT PCB
SW Updated	S33329-17	S35518-12	S33330-10
Primary Weld Set	Z254532	Z254531	N/A
Secondary Weld Set	Z254531	Z254532	N/A

- » Optimizations and bug fixes
- » New Weld Modes (Imperial Wire Sizes)
 - » Added Hyperfill® STT® for .035" & .045" Stainless Wires with Argon Mix and Tri-Mix gasses
 - » Added Synergic STT Root for .052" wires with Argon Mix and 100% CO2 gasses
- » New Weld Modes (SI Wire Sizes)
 - » Added Hyperfill STT for 1.0mm" & 1.2mm Stainless Wires with Argon Mix and Tri-Mix gasses
- » Improved Starting on various welding modes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

3. POWER WAVE® 300C

300C

300C CE (Legacy)

300C CE

	300C	300C CE (Legacy)	300C CE
SW Updated	S33839-18	S35357-13	S36200-8
Primary Weld Set	Z254529	Z243719	Z254530
Secondary Weld Set	Z254530	Z243720	Z254529

- » Optimizations and bug fixes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

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4. POWER WAVE ADVANCED MODULE

Advanced Module

SW Updated	S33026-5
Primary Weld Set	N/A

- » Optimizations and bug fixes

5. POWER WAVE C3

C3

SW Updated	S33646-6
Primary Weld Set	Z190015

- » Optimizations and bug fixes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

6. POWER WAVE C300

C300

C300 CE

	C300	C300 CE
SW Updated	S27261-37	S28292-31
Primary Weld Set	Z194513	Z194514
Secondary Weld Set	Z194514	Z194513

- » Optimizations and bug fixes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

7. POWER WAVE I400

I400 NA

I400 SI

	I400 NA	I400 SI
SW Updated	S27046-43	S27271-37
Primary Weld Set	Z194541	Z194542
Secondary Weld Set	Z194542	Z194541

- » Optimizations and bug fixes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

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8. POWER WAVE J350

J350

SW Updated	S33790-14
Primary Weld Set	Z243715
Secondary Weld Set	Z243714

- » Optimizations and bug fixes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

9. POWER WAVE R350

R350

R350 SD

SW Updated	S28735-25	S31662-16
Primary Weld Set	Z215105	Z223714
Secondary Weld Set	Z215106	Z223715

- » Optimizations and bug fixes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

10. POWER WAVE R450 RAPID

R450 Rapid

R450 Rapid CE

SW Updated	S32103-29	S32104-28
Primary Weld Set	Z264504 Rapid	Z264503 Rapid
Secondary Weld Set	Z264503 Rapid	Z264504 Rapid

- » Optimizations and bug fixes
- » New Weld Modes [Imperial Wire Sizes]
 - » Added Hyperfill for .045" steel wire
 - » Added Hyperfill RA for .040" steel wire and .035" stainless wire
 - » Added Hyperfill STT for .035" and .040" stainless wires, gas blends Argon Mix and Tri-Mix
 - » Added Precision Pulse™ for Aluminum 4XXX & 5XXX series wires, sized at .040" and .070"
 - » Added GMAW AC Hotwire Submerged Arc mode
 - » Added GMAW Constant Penetration Spray mode for Metalcore .045 wire
 - » Added Precision Pulse 2 for .035", .040", .045", and .052 wires
 - » Added RapidArc® 2 for .035", .040", and .045" Low Silicate & Silicon Bronze wires
- » New Weld Modes [SI Wire Sizes]
 - » Added Hyperfill 1.2mm steel wire
 - » Added Hyperfill RA for 1.0mm steel wires and 0.9mm stainless wire

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- » Added Hyperfill STT for 0.9mm and 1.0mm stainless wires, gas blends Argon Mix and Tri-Mix
- » Added Precision Pulse TM for Aluminum 4XXX & 5XXX series 1.8mm wires
- » Added RapidArc Constant Penetration for 1.2mm Steel and Metalcore Wires*
- » Added GMAW AC Hotwire Submerged Arc mode
- » Added Precision PulseTM 2 for 1.0mm and 1.2mm wires
- » Added RapidArc 2 for 1.0mm and 1.2mm Low Silicate wires for C10 and C20 gas blends
- » Added RapidArc 2 for 1.0mm and 1.2mm Silicon Bronze wires
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

11. POWER WAVE S350

	S350 (Legacy)	S350 CE (Legacy)	S350	S350 CE	S350 Alum.	S350 (Columbia)
SW Updated	S28057-38	S28289-30	S32673-15	S32681-15	S31170-19	S31874-10
Primary Weld Set	Z215105	Z215106	Z215105	Z215106	Z215105	Z163304
Secondary Weld Set	Z215106	Z215105	Z215106	Z215105	Z215106	N/A

- » Optimizations and bug fixes
- » Added 1.8mm U-grove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

12. POWER WAVE S500/R500/R450

	S500	S500 CE	R500	S500 Special	R450	R450 CE	R500 Special	S500 Test Box Special
SW Updated	S28804-42	S29513-35	S29514-36	S30202-16	S32103-29	S32104-28	S32622-22	S36029-5
Primary Weld Set	Z264504	Z264503	Z264504	Z193701	Z264504	Z264503	Z264504	Z193701
Secondary Weld Set	Z264503	Z264504	Z264503		Z264503	Z264504	Z264503	

- » Optimizations and bug fixes
- » New Weld Modes (Imperial Wire Sizes)
 - » Added Hyperfill .045" steel wire in robotic applications
 - » Added Hyperfill RA for .040" steel wire and .035" stainless wire
 - » Added Hyperfill STT for .035" and .040" stainless wires, gas blends Argon Mix and Tri-Mix
 - » Added Precision Pulse for Aluminum 4XXX & 5XXX series wires, sized at .040" and .070"
 - » Added GMAW AC Hotwire Submerged Arc mode
 - » Added GMAW Constant Penetration Spray mode for Metalcore .045 wire
- » New Weld Modes (SI Wire Sizes)
 - » Added Hyperfill for 1.2mm steel wire
 - » Added Hyperfill RA for 1.0mm steel wires and 0.9mm stainless wire
 - » Added Hyperfill STT for 0.9mm and 1.0mm stainless wires, gas blends Argon Mix and Tri-Mix
 - » Added Precision Pulse for Aluminum 4XXX & 5XXX series 1.8mm wires

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- » Added GMAW AC Hotwire Submerged Arc mode
- » Added GMAW Constant Penetration Spray mode for Metalcore 1.2mm wire
- » Added 1.8mm U-groove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

13. POWER WAVE S700

	S700	S700 200V	S700 Special	S700 CE
SW Updated	S28480-37	S29671-26	S32627-9	S36600-5
Primary Weld Set	Z245400	Z245400	Z193701	Z245401
Secondary Weld Set	Z245401	Z245401		Z245400

- » Optimizations and bug fixes
- » Added 1.8mm U-groove Drive Roll Support
- » Standardized to 4XXX and 5XXX naming for Aluminum Wire Waveforms

14. WI-FI METER MODULE

WI-FI METER MODULE

SW Updated	S32122-17
Primary Weld Set	N/A

- » Optimizations and bug fixes
- » Added NTP Time setting

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