

# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

Software Release: May 2025

## 1. APEX® PRODUCTS®

<b>SW Updated</b>	S31337-25	S32338-31	S32531-30
<b>Weld Sets</b>	N/A	N/A	N/A

- Optimizations and bug fixes

## 2. ARC TRACKER®

<b>SW Updated</b>	S28631-15
<b>Weld Sets</b>	Z113228

- Optimizations and bug fixes

## 3. PIPEFAB®

<b>SW Updated</b>	S33329-16	S33492-8	S33495-8	S35518-11
<b>Weld Sets</b>	Z245402	N/A	N/A	Z245402
	Z245403			Z245403

- Optimizations and bug fixes

## 4. POWER WAVE® 300C

<b>SW Updated</b>	S33802-10	S33839-16	S33879-4	S35357-11
<b>Weld Sets</b>	N/A	Z243719	N/A	Z243719
		Z243720		Z243720

- Optimizations and bug fixes

## 5. POWER WAVE AC/DC 1000® SD

<b>SW Updated</b>	S27568-19	S35086-4
<b>Weld Sets</b>	Z245101	Z182812

- Optimizations and bug fixes



# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

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## 6. POWER WAVE ADVANCED MODULE

<b>SW Updated</b>	S33026-4
<b>Weld Sets</b>	N/A

- Optimizations and bug fixes

## 7. POWER WAVE C3

<b>SW Updated</b>	S33646-6
<b>Weld Sets</b>	Z190015

- Optimizations and bug fixes

## 8. POWER WAVE C300

<b>SW Updated</b>	S27261-36	S28292-30
<b>Weld Sets</b>	Z194513	Z194513
	Z194514	Z194514

- Optimizations and bug fixes

## 9. POWER WAVE I400

<b>SW Updated</b>	S27046-42	S27271-36
<b>Weld Sets</b>	Z194541	Z194541
	Z194542	Z194542

- Optimizations and bug fixes

## 10. POWER WAVE J350

<b>SW Updated</b>	S33790-13
<b>Weld Sets</b>	Z223714
	Z223715

- Optimizations and bug fixes



# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

## 11. POWER WAVE S350/R350

<b>SW Updated</b>	S28057-37	S28289-29	S31170-20	S31874-9	S32673-14	S32681-14	S28735-24	S31662-17
<b>Weld Sets</b>	Z215105	Z215105	Z215105	Z163304	Z215105	Z215105	Z215105	Z243714
	Z215106	Z215106	Z215106		Z215106	Z215106	Z215106	Z243715

- Optimizations and bug fixes

## 12. POWER WAVE S500/R500/R450

<b>SW Updated</b>	S28804-41	S29513-35	S29514-35	S30202-15	S32103-28	S32104-27	S32622-21	S36029-4
<b>Weld Sets</b>	Z244540	Z244540	Z244540	Z193701	Z244540	Z244540	Z244540	Z193701
	Z244541	Z244541	Z244541		Z244541	Z244541	Z244541	

- Added support for HyperFill® Rapid Arc (RA) using .035" electrodes
- Added support for Plasma Arc Welding (PAW) mode robot compatibility
- Optimizations for peak and operating voltages in plasma applications
- Additional optimizations and bug fixes

## 13. POWER WAVE S700

<b>SW Updated</b>	S28480-36	S29671-25	S32627-8	S36600-4
<b>Weld Sets</b>	Z245400	Z245400	Z193701	Z245400
	Z245401	Z245401		Z245401

- Optimizations and bug fixes

## 14. POWER WAVE STT MODULE

<b>SW Updated</b>	S32668-5
<b>Weld Sets</b>	N/A

- Optimizations and bug fixes



# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

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## 15. POWER WAVE AUTOMATION INTERFACE

<b>SW Updated</b>	S36126-4
<b>Weld Sets</b>	N/A

- Added support for user limits with Power Wave Manager
- Optimizations and bug fixes

## 16. POWER WAVE CONNECTIVITY HUB

<b>SW Updated</b>	S33871-9
<b>Weld Sets</b>	Z190015

- Improved connection stability
- Optimizations and bug fixes



# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

Software Release: June 2024

## 1. APEX® PRODUCTS®

<b>SW Updated</b>	S31337-25	S32338-31	S32531-30
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- Added provisions for the new APEX® HELIX® M4X™ Weld head
- Added support for Frontier® engine drives and GMAW weld modes
- Optimizations and bug fixes

## 2. ARC TRACKER®

<b>SW Updated</b>	S28631-14
<b>Weld Sets</b>	Z113228

- Optimizations and bug fixes

## 3. PIPEFAB®

<b>SW Updated</b>	S33329-15	S33492-8	S33495-8	S35518-10
<b>Weld Sets</b>	Z245402	N/A	N/A	Z245402
	Z245403			Z245403

- Added provisions for HyperFill® STT® ArMix
- Added provisions for STT Synergic Root, ArMix
- Added support for additional SMAW electrodes
- Optimizations and bug fixes

## 4. POWER WAVE® 300C

<b>SW Updated</b>	S33802-10	S33839-15	S33879-4	S35357-10
<b>Weld Sets</b>	N/A	Z245303	N/A	Z245303
		Z245304		Z245304

- Added 95/5 provisions for wire sizes 0.035 and 0.045
- Optimizations and bug fixes



# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

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## 5. POWER WAVE AC/DC 1000® SD

<b>SW Updated</b>	S27568-18	S35086-3
<b>Weld Sets</b>	Z245101	Z182812

- Added support for additional steel LSO electrode sizes
- Added provisions for welding stainless steel using LSO
- Added support for additional metric strip mode electrode sizes
- Added support for parallel machine configurations with large electrode sizes
- Optimizations and bug fixes

## 6. POWER WAVE ADVANCED MODULE

<b>SW Updated</b>	S33026-4
<b>Weld Sets</b>	N/A

- Optimizations and bug fixes

## 7. POWER WAVE C3

<b>SW Updated</b>	S33646-4
<b>Weld Sets</b>	Z190015

- Optimizations and bug fixes

## 8. POWER WAVE C300

<b>SW Updated</b>	S27261-35	S28292-29
<b>Weld Sets</b>	Z194513	Z194513
	Z194514	Z194514

- Optimizations and bug fixes



# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

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## 9. POWER WAVE I400

<b>SW Updated</b>	S27046-41	S27271-35
<b>Weld Sets</b>	Z194513	Z194513
	Z194514	Z194514

- Optimizations and bug fixes

## 10. POWER WAVE J350

<b>SW Updated</b>	S33790-12
<b>Weld Sets</b>	Z223714
	Z223715

- Optimizations and bug fixes

## 11. POWER WAVE R350

<b>SW Updated</b>	S28735-23	S31662-16
<b>Weld Sets</b>	Z215105	Z223714
	Z215106	Z223715

- Optimizations and bug fixes

## 12. POWER WAVE S350

<b>SW Updated</b>	S28057-36	S28289-28	S31170-19	S31874-8	S32673-13	S32681-13
<b>Weld Sets</b>	Z215105	Z215105	Z215105	Z163304	Z215105	Z215105
	Z215106	Z215106	Z215106		Z215106	Z215106

- Optimizations and bug fixes



# POWER WAVE SOFTWARE UPDATE RELEASE NOTES

## 13. POWER WAVE S500/R500/R450

<b>SW Updated</b>	S28804-39	S29513-33	S29514-33	S30202-14	S32103-26	S32104-25	S32622-19
<b>Weld Sets</b>	Z245301	Z245301	Z245301	Z193701	Z245301	Z245301	Z245301
	Z245302	Z245302	Z245302		Z245302	Z245302	Z245302

- Added support for HyperFill STT 0.035" and 0.045"
- Added support for LincMaster™ Plasma, Plasma Pulse, and TIG Pulse
- Added support for the Power Wave Automation Interface
- Updated Robotic Touch Sense voltage
- Optimizations and bug fixes

## 14. POWER WAVE S700

<b>SW Updated</b>	S28480-35	S29671-24	S32627-6	S36600-3
<b>Weld Sets</b>	Z245400	Z245400	Z193701	Z245400
	Z245401	Z245401		Z245401

- Added support for the Power Wave Automation Interface
- Added support for 0.052" Hyperfill FCAW (CO2 and ArMix)
- Added support for 0.035", 0.040", 0.045" HyperFill RapidArc®
- Optimizations and bug fixes

## 15. POWER WAVE STT MODULE

<b>SW Updated</b>	S32668-5
<b>Weld Sets</b>	N/A

- Optimizations and bug fixes

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