

LINCOLN ELECTRIC

THE REVEAL™ PLATFORM ACTIVATION

WHAT IS THE REVEAL PLATFORM?

The REVEAL Platform is an embedded software package that is integrated into all Lincoln Electric® Advanced Process Welding equipment. Using a simple scanning function, the REVEAL Platform allows users to activate certain process-optimized solutions that use multiple Lincoln Electric components – such as a power source, specific weld mode, and consumable products – in order to maximize welding performance and deliver the true value of the solution.

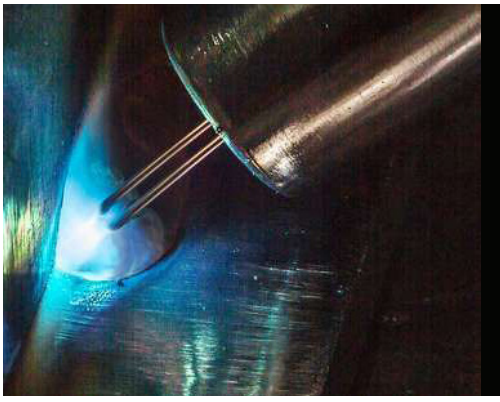


The REVEAL Platform is as simple as scan and go. Using preloaded access cards, the REVEAL Platform allows users to activate and use specific weld modes for a set amount of welding wire weight, calendar days, or arc hours. Once an access card is scanned, the Lincoln Electric power source will authorize and display the registered quantity of licensed credits and will unlock the specific weld mode(s) until the registered credits are used.

AS SIMPLE AS SCAN & GO:

1. Scan the access card via the Gateway pendant provided with your system to authorize and register a preset amount of license credit associated with the specific type of license access card used (days/weight/arc hours).
2. Once registered, the power source will activate the appropriate weld mode(s). Select the weld mode desired and you are ready to weld!



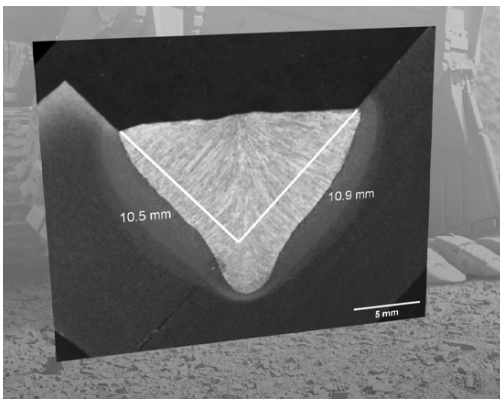


HYPERFILL® AND REVEAL PLATFORM ACTIVATION

HyperFill, the patented Twin-Wire MIG solution, utilizes a propriety waveform combined with Lincoln Electric's premium welding wire to deliver optimized arc performance. To access the propriety waveform, product activation through the REVEAL Platform is required.

HYPERFILL REVEAL ACCESS CARD OPTIONS

Product Number	Card Type	Credit Value
K4966-180D	HyperFill Steel	180 days
K4966-88	HyperFill Steel	88 lbs
K4966-500	HyperFill Steel	500 lbs
K4966-1000	HyperFill Steel	1000 lbs
K4967-32	HyperFill Steel	32 kg
K4967-250	HyperFill Steel	250 kg
K4967-500	HyperFill Steel	500 kg



PROCESS HDT™ AND REVEAL PLATFORM ACTIVATION

Process HDT, a patented combination of high-deposition waveform and metal-cored wire, offers deposition rates that exceed tandem MIG with the streamlined set-up of a single-wire process. To access the proprietary waveform, product activation through the REVEAL Platform is required.

PROCESS HDT™ REVEAL ACCESS CARD OPTIONS

Product Number	Card Type	Credit Value
K4999-10	Process HDT Steel	10 Arc Hours
K4999-500	Process HDT Steel	250 Arc Hours
K4999-500	Process HDT Steel	500 Arc Hours



FAQS

What happens when the system runs out of license credit?

Prior to the system reaching zero credit, the scanner display will flash a low level warning. If no additional license is added and the system reaches zero, the current weld will be allowed to complete and then the system will latch an error with a message stating that the system license has reached zero and a new access card must be loaded for the licensed modes to re-activate.

Can I scan multiple Access cards at once?

Yes, Access cards can be scanned at any time and system license can be accrued from multiple card scans up to the maximum allowed by license type (days, weight, or arc hours).

Does the Gateway Pendant come as a part of my HyperFill or Process HDT system?

The Gateway Pendant is included with HyperFill Ready Pak systems. It will have to be added as an additional item for upgrades of existing Power Wave® / PIPEFAB™ power sources and custom configurations including robotic and mechanized systems.

Can the Gateway Pendant be moved between applicable power sources?

Yes, the Gateway Pendant can be moved between applicable Power Wave / PIPEFAB power sources. All license credit loaded on a pendant remains with the pendant.

What other functionality does the Gateway Pendant provide?

In addition to license activation, the Gateway Pendant also provides real time weld data, last weld summary information, accumulated weld data for the current day or week, and upgrade/diagnostic capabilities.

Does the Gateway Pendant have to remain connected at all times?

Yes, license activation as well as the weld data functions require that the pendant remain connected to your system at all times. There are multiple options for connecting the pendant to your system outlined in the manual and quick start guide.

What is the process for installing a Gateway Pendant on an existing Power Wave or PIPEFAB system?

Very simple, download and install the latest software bundle from www.powerwavesoftware.com or www.pipefabsoftware.com for your Power Wave and then the Gateway Pendant is plug and play ready. Once connected, scan an unused Solution Access card and you are ready to weld.

Do I need to use REVEAL Activation for all Lincoln Electric weld modes?

No. The standard weld modes on the Power Wave or PIPEFAB power source are active and available at all times. Only separately licensed weld modes require REVEAL activation.

How do I purchase REVEAL access cards and how much do they cost?

REVEAL Access cards are available just like any Lincoln Electric product. They have standard part numbers and are available in various increments for easy and efficient application. Check cost through your local Lincoln Electric representative or distributor.

How do I scan an Access card to load my system?

Access cards are scanned through the Gateway Pendant connected to the Power Wave or PIPEFAB power source. The access card is waved over the pendant scanner, it confirms the scan and displays the systems total licensed credits loaded into the power source.

Can I reuse / reload a purchased Access card?

Each Access card is good for a single scan and is no longer active after its initial scan into the system.

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Test Results Disclaimer

Test results for mechanical properties, deposit, fume generation, or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards. Actual results will vary depending on many factors, including, but not limited to: the base material or substrate being welded, the welding procedure and welding process, and the unique conditions present in the workplace or welding environment. Users and employers have the sole responsibility for and control over workplace conditions, including the manner in which work is performed and the safety measures taken. Always read and follow applicable OSHA regulations as well as all information on product labeling and safety data sheets when using Lincoln Electric products. Safety data sheets for Lincoln Electric products can be found at <http://www.lincolnelectric.com/en-us/support/msds/Pages/sds-search.aspx>. Users and employers should have an industrial hygienist check worker exposure levels to be certain that they are within applicable OSHA PEL and ACGIH TLV limits for the particular application or weldment.

HyperFill™ Waveform Activation Capability with Power Wave® and PIPEFAB™ Systems

Your purchase of a Lincoln Electric Power Wave welding system comes with (i) a license to use Lincoln Electric standard Power Wave waveforms, and (ii) HyperFill waveform capability, which requires a separate license. Without the separate license, the HyperFill waveform is not available for use on these machines, and only the standard Power Wave waveforms are usable.

For more information, please see the REVEAL/HyperFill Supplemental Terms and Conditions [here](#).

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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.