

NRG



EXPLORE THE NRG LASER PLASTIC WELDING LINE AT [DUKANE.COM/NRG](https://www.dukane.com/nrg)

DUKANE



[DUKANE.COM/NRG](https://www.dukane.com/nrg)

100
YEARS OF INNOVATION



LEADING WHERE OTHERS FOLLOW.

INTRODUCING THE REVOLUTIONARY NRG LASER PLASTIC WELDING LINE

DUKANE

THE **FUTURE** OF LASER PLASTIC WELDING IS HERE.

Think of a world where laser plastic welding has no consumables, no harsh byproducts, and no parts stress of any kind. A plastic laser welding platform that provides infinite flexibility, incredible precision control, and state-of-the-art quality assurance technologies. **The future is now!**

EXPLORE THE POSSIBILITIES OF OUR NRG LASER PLASTIC WELDING LINE

NRG™

LOOK TO THE FUTURE WITH DUKANE'S NEW NRG LASER PLASTIC WELDING SOLUTIONS.

This new line enables incredible innovation and custom creativity like never before.

Solutions that fit YOUR process. Dukane's new NRG laser plastic welding platforms are the answer you've been looking for in a world where previously impossible joint designs and incredible bond quality has been non-existent. Dukane delivers the solution to fit any production scale necessary, giving you both process and production flexibility at any stage of your production cycle—from R&D and pilot builds to ramp-up or high-volume automation.



NRG^t SERIES

TURNKEY

Any part, any size, at any scale.

Our three chassis sizes allow for the handling and welding of practically any part, no matter how large or small—all on a standardized, modular platform to ensure the fastest delivery times and lowest costs without sacrificing capabilities or throughput.

- + PLUG-N-PLAY
- + AIR-COOLED LASERS
- + 1UM AND 2UM WAVELENGTHS
- + MANUAL OR AUTOMATED PART LOADING
- + SCANNER OR XY-BASED BEAM DELIVERY
- + DUAL-CLAMP AND DUAL-LASER MODULES
- + QUICK CHANGE TOOLS
- + IOTT DATA PASSTHROUGH-READY
- + EXTERNAL MACHINE CONTROL
- + REAL-TIME CAMERA VIEW
- + STANDARD EXHAUST PORTS
- + CE, CSA, AND UL CERTIFICATIONS

NRGⁱ SERIES

INTEGRATION

The advantages are exponential.

Designed with automation in mind, the NRGⁱ series laser systems offer the highest throughput capabilities in the smallest footprint—for quality welds and seamless integration at the highest scales.

- + AIR-COOLED LASERS
- + 1UM AND 2UM WAVELENGTHS
- + QUICK CHANGE TOOLS
- + IOTT/MES DATA PASSTHROUGH-READY
- + EXTERNAL MACHINE CONTROL
- + CE, CSA, AND UL CERTIFICATIONS



CREATIVE SOLUTIONS START HERE.

The capabilities you need, at the scale you require.

At Dukane, if there is one thing we have learned it's that being involved in the entire development cycle is tantamount to success. We pride ourselves in staying embedded with our customers until the job is done to your satisfaction and you have the best solution for your needs.



EXPLORE THE FUTURE OF LASER PLASTIC WELDING.

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DUKANE IT'S THE CONNECTION THAT COUNTS