



LEADING
WHERE
OTHERS
FOLLOW.

**INTRODUCING THE INFINITY™ ULTRASONIC
WELDING LINE FROM DUKANE**

DUKANE

THE **NEXT** GENERATION OF ULTRASONIC WELDING IS HERE.

We are constantly raising the bar. Your production needs demand better accuracy, repeatability, process control, and sustainability, and we've answered those needs with the launch of the new Infinity™ line of industry-leading ultrasonic plastic welding technology. The Infinity™ line delivers multiple options for the best possible solutions to fit your ultrasonic welding needs.

EXPLORE THE POSSIBILITIES OF THE INFINITY ULTRASONIC LINE





LOOK TO THE FUTURE WITH DUKANE'S **NEW INFINITY ULTRASONIC PLASTIC WELDING SOLUTIONS.**

Defining the future of ultrasonic welding.

The new Infinity™ family of ultrasonic welders allow for customization of all critical parameters of the plastic joining process, and is designed to handle the most demanding production environments. Utilizing features such as a new graphical user interface with iQ Explorer 3 proprietary software, state-of-the-art Infinity™ power generator, new Smart-Stack™ integration and Melt-Match® technologies, Infinity™ is positioned to solve many common issues which can occur in ultrasonic plastic welding. Integrated with advanced quality assurance monitoring, the new Infinity™ ultrasonic plastic welding line is fully equipped, out-of-the-box, to meet your most demanding production requirements.

infinity™ X1



- + AVAILABLE IN 30/35/40/50 kHz FREQUENCIES.
- + IDEAL FOR SMALLER ASSEMBLIES WHERE HIGH PRECISION WELDING IS REQUIRED
- + NARROW THRUSTER PROFILE FOR SIMPLE AUTOMATION INTEGRATION AND CLOSE CENTER TO CENTER SPACING
- + STAINLESS STEEL THRUSTER AND “CLEAN” ERGONOMIC BASE
- + INTEGRATED MELT-MATCH® TECHNOLOGY
- + HIGH SPEED PROPRIETARY SERVO IDEAL FOR HIGH VOLUME APPLICATIONS

infinity™ X2



- + AVAILABLE IN 20 kHz FREQUENCY
- + IDEAL FOR A WIDE VARIETY OF APPLICATIONS
- + NARROW THRUSTER PROFILE FOR SIMPLE AUTOMATION INTEGRATION
- + STAINLESS STEEL THRUSTER AND “CLEAN” ERGONOMIC BASE
- + INTEGRATED MELT-MATCH® TECHNOLOGY
- + HIGH SPEED PROPRIETARY SERVO IDEAL FOR HIGH VOLUME APPLICATIONS
- + PROFILE INTERCHANGEABLE WITH iQ ES WELDERS AND RETROFIT TO EXISTING DUKANE COLUMN AND BASE

MELT-MATCH
patented technology

WITH MELT-MATCH® TECHNOLOGY

infinity™ X3



- + AVAILABLE IN 20 kHz FREQUENCY
- + IDEAL FOR A WIDE VARIETY OF APPLICATIONS
- + INTEGRATED SMART-STACK™ TECHNOLOGY FOR QUICK AND PRECISE TOOLING CHANGEOVER
- + INTEGRATED MELT-MATCH® TECHNOLOGY
- + HIGH SPEED PROPRIETARY SERVO IDEAL FOR HIGH VOLUME APPLICATIONS
- + LCD STATUS DISPLAY FOR QUICK-VIEW WELDER STATUS
- + NEW ULTRA-RIGID SUPPORT WITH CLEAN CABLE MANAGEMENT

infinity™ X4



- + AVAILABLE IN 15/20 kHz FREQUENCIES
- + IDEAL FOR LARGE PARTS THAT REQUIRE HIGH FORCE
- + INTEGRATED MELT-MATCH® TECHNOLOGY
- + HIGH SPEED PROPRIETARY SERVO IDEAL FOR HIGH VOLUME APPLICATIONS
- + LCD STATUS DISPLAY FOR QUICK-VIEW WELDER STATUS
- + NEW ULTRA-RIGID SUPPORT WITH CLEAN CABLE MANAGEMENT

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
ULTRASONIC WELDING.**

[DUKANE.COM/INFINITY](https://www.dukane.com/infinity)



DUKANE

IT'S THE CONNECTION THAT COUNTS



EXPLORE THE INFINITY ULTRASONIC WELDING LINE AT [DUKANE.COM/INFINITY](https://dukane.com/infinity)

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[DUKANE.COM/INFINITY](https://dukane.com/infinity)

100
YEARS OF INNOVATION

