



5G APPLICATIONS

DRIVEN BY KURTZ ERSA.



CONVINCING SOLUTIONS
FOR ALL CHALLENGES



CONVINCING SOLUTIONS FOR ALL CHALLENGES IN 5G ELECTRONICS PRODUCTION

5G is the new generation in mobile communications. This technology provides the basis for new applications such as networking machines in industry and communication between intelligent devices. In addition, 5G will become the technical basis for further expanding digitization in many areas of life.

This technology creates new challenges for electronics production. Ultra-complex assemblies and especially those with very large dimensions, as used for antenna masts, for example, require production systems with large process zones. The usual dimensions are no longer enough.

In addition, customers are demanding an increasing level of automation. This not only increases throughput and flexibility in production, but also reduces operating costs. As a system supplier, we always have these requirements in mind across our entire portfolio when developing our solutions for you.

REWORK



Ersa HR 600 XL

HR 600 XL: REWORK UP TO 625 X 625 MM BOARD SIZE

HR 600 XL hybrid rework system was developed for large assembly formats up to 625 x 625 mm. The innovative IR matrix Heater™ with 16 kW output and 25 segments ensures reliable processing of large, high-mass assemblies. Thanks to the XL heating head, components up to 120 x 120 mm edge length can be processed.

REFLOW SOLDERING

HOTFLOW 3 XL: UP TO 1,200 MM BOARD LENGTH

The XL version of the HOTFLOW 3 series is available for processing extra-wide electronic assemblies. These have working widths of up to 720 mm and are suitable for PCB lengths of up to 1,200 mm. The split conveyor, which requires no changeover times when changing products, ensures maximum machine availability.



Ersa HOTFLOW 3/26 XL

WAVE SOLDERING

POWERFLOW ULTRA XXL: UP TO 850 MM BOARD LENGTH

The Ersa POWERFLOW series is up to all wave soldering tasks. The POWERFLOW ULTRA XXL offers working widths up to 610 mm and PCB lengths up to 850 mm. This makes it ideal for soldering server boards for 5G telecommunications. The system has an award-winning user interface and, thanks to Kurtz Ersa CONNECT and Kurtz Ersa GATE, it is ready for industry 4.0.



Ersa POWERFLOW ULTRA XL

SELECTIVE SOLDERING

VERSAFLOW 3/66 XL: UP TO 3,000 MM BOARD LENGTH

More than 2,000 VERSAFLOW selective soldering systems are in operation worldwide. The Ersa modular concept allows a wide variety of configurations. With the currently largest system Ersa once again confirms its market leadership in online selective soldering: The VERSAFLOW 3/66 XL can solder electronic assemblies up to 3,000 mm long and is therefore ideally predestined for 5G antenna boards.



Ersa VERSAFLOW 3/66 XL

HANDLING & AUTOMATION

AUTOMATION SYSTEMES FOR ANTENNA PRODUCTION

Ersa is successful worldwide with systems and installations for the production of electronic assemblies. Today, the focus is increasingly on complete solutions, that means to offer complete production lines and integrated process automation. Due to their flexible design, Ersa automation systems offer optimum PCB handling for the production process.



Kurtz Ersa AUTOMATION

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In addition to our own branches, we have a tight network of more than 75 competent sales and service partners around the globe.