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## Features of the R series

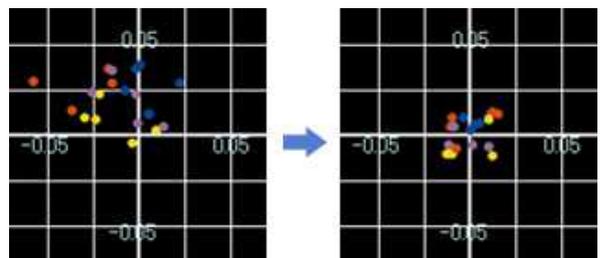


As a R series Features for maximum quality and maximum productivity.

### High quality

#### ■ FCS (Flex Calibration System)

JUKI's highly regarded easy maintenance just got even easier! The optional FCS calibration jig is a simple to use system to re-calibrate placement accuracy. The machine automatically picks and places jig components, then measures the error and adjusts all necessary calibrations. (optional)



### Fast and easy setup, Low defect ratio

#### ■ Auto Teaching of Pick Position

Auto teaching of pick position reduces changeover time and mis-picks.



#### ■ HMS (Height Measurement System)

Now standard on all R Series models, the HMS is used to quickly and accurately measure the component pick height. A laser sensor measures the distance instantly without any physical contact.



### Flexible

#### ■ Camera Bad Mark Detection

Bad mark detection is performed using the machine's standard downward looking camera (also used for fiducials and teaching). This system accurately detects a wide range of marks on various substrates, including flex circuits.



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## Simple operations

- Graphical user interface

Easy to use and easy to learn programming and operations make the R Series a great choice for new or experienced operators. Add the optional touch panel or rear side operation panel for even greater convenience.



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## Maximum throughput

- Simultaneous Pick Priority Mode

Users can now select the best pick mode to suit their production requirements. For the maximum possible throughput, simultaneous pick priority mode will try to pick as many components as possible in a single pick sequence.

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## High density placements

- Pick Position Priority Mode

For high density component placement, pick position priority always picks components at the taught pick location.

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