



JUKI

JUKI CORPORATION

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Newly released Flexible compact mounter JX-200 for placement of a wide range of components



JUKI is pleased to announce a new product, Flexible compact mounter JX-200 for placement of a wider range of components, starting to be delivered on May 9, 2011. JX-200 is an entry level placement machine for a customer, considering replacement of manual placement process with automated system.

Our new 「JX-200」 is based on the existing JX-100 frame and features vision recognition as a standard, in addition to JUKI original laser recognition. JX-200 places various components from chip components to small fine pitch ICs or odd shaped components of up to 33.5 square mm.

Its PWB size is 410 mm X 250 mm as standard. It features maximum 800 mm X 250 mm for LED production. JX-200 features touch panel for the operators, unaccustomed with programming of surface mount equipment.

Even with its smallest size in the industry, JX-200 performs placement operations from small chip components to odd shaped components and LED components with its long board size. JUKI will expand its sales of this versatile JX-200 in China and the other emerging economies.

◆JX-200 features

(1) Highly versatile

- With its JUKI original laser recognition, JX-200 is equipped with vision recognition functions with VCS camera, expanding its capacity of placement from chip components to small fine pitch ICs and various odd shaped components in high accuracy.
- Speed : (chip) 18,050 CPH(0.199secnd/component:under optimum conditions, 13,900 CPH under IPC 9850 standard) IC component is possibly placed at maximum 4,400 CPH.

(2) Easy programming

- With its GUI (Graphical user interface), programming screen is visual and easy to operate touch panel type. Even an unaccustomed operator can easily program and operate the equipment.
- Our easy programming operation and data programming reduces learning period for an operator. Easy start up of the operation is possible.

(3) Superior efficiency in production cost

- Outer dimension Width 1,455 mm X Depth 1,295 mm X Height 1,460 mm, Weight Approximately 1,000 kg. This compact size educes space of production.
- With its power consumption of 1.6 kVA, our design focuses on saving electricity.
- Nozzles and tape feeders of the other JUKI models are compatible. Production data of JX-200 can be used in the upper level JUKI models., providing JUKI users with a privilege of using their existing assets.

(4) LED placement (Option)

- Even with its small size, JX-200 performs a production of long board of maximum 800 mm X 250 mm. It features various functions specifically for LED production such as prevention of variance in LED colors and LED intensity.

◆Release date

May 9, 2011