



## MULTI TASK PLATFORM JM-50

*Reliable, high quality automatic insertion with unmatched value*

- Ideal for high-mix low-volume production
- New, flexible feeders increase component range providing superior productivity and aster changeover.
- Huge variety of applications
- New Mini Chuck Nozzles support a wide range of components, reducing cycle time, decreasing tooling costs, and simplifying programming
- Largest installed base thanks to high quality and unmatched reliability

### Specifications

|                           |                 | JM-50               |
|---------------------------|-----------------|---------------------|
| Board size                | Single clamping | 50×50mm~410×360mm   |
|                           | Double clamping | 50×50mm~800×360mm   |
| PCB weight                |                 | 2kg                 |
| Max. component height     |                 | 30mm                |
| Component size            |                 | 0603~□50mm          |
| Power supply              |                 | 3-phase AC 200~415V |
| Apparent power            |                 | 2.2kVA              |
| Circuit breaker           |                 | Standard            |
| Air consumption           |                 | 81L /min            |
| Conveyor height           |                 | 900mm, 950mm        |
| Machine dimension (W×D×H) |                 | 1,454×1,505×1,450mm |
| Mass (approximately)      |                 | 1,300kg             |

### Options

|                                     | JM-50 |
|-------------------------------------|-------|
| Rear side operation unit            | ●     |
| 950mm conveyor height (SMEMA)       | ●     |
| 3D Vision centering system          | ●     |
| Lead correction jig                 | ●     |
| Feeder trolley                      | ●     |
| Keyboard                            | ●     |
| Automatic conveyor width adjustment | ●     |
| External signal tower               | ●     |
| Super foot                          | ●     |

### Feeder Capacity

| Bank       | Max. SMT tape feeders (8mm) | Radial feeder |        |       | Axial feeder |       | Stacked stick feeder | General purpose bulk feeder MVF | Tray holder |      | TR5SNK Number of trays |
|------------|-----------------------------|---------------|--------|-------|--------------|-------|----------------------|---------------------------------|-------------|------|------------------------|
|            |                             | MRF-S         | MRF-SN | MRF-L | MAF-S        | MAF-L |                      |                                 | Full        | Half |                        |
| 18mm pitch | 56                          | 18            | 18     | 14    | 14           | 10    | 10                   | 5                               | 1           | 2    | 40                     |
| 12mm pitch | Not applicable              | 16            | 18     | 12    | 16           | 12    | 12                   | 6                               | 1           | 2    | 40                     |

\*Please refer to the product specifications for details.  
JUKI Specifications and appearance may be changed without notice.