Incoming Material Station

# IMS

**JUKI**

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## Intelligent Storage Management

*Automate the incoming goods process and boost productivity dramatically!*



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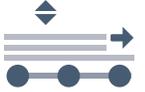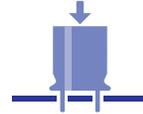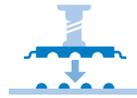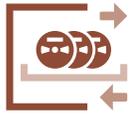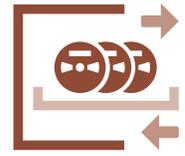
## FEATURE 1: Speeds up material registration and reduces operator errors

Incoming material is scanned and the data is automatically matched with the database of the existing Enterprise Resource Planning system. Simultaneously, a unique ID is created in the system to make every component truly "unique" and to deliver full traceability.

## FEATURE 2: Connection to ERP/MES to share new reel data

The connection with other systems (ERP, MES, Pick and Place, etc) is possible thanks to the API interface that allows any software to communicate and receive information from the Incoming Material Station Automatic file sharing with other software is also possible.

## FEATURE 3: Automated receiving and barcode labeling

The camera and software are able to recognize, parse and store any 1D/2D code on the top of the reels. The software is set with standard rules* used by most components suppliers to label their products (available field: Part number, Unique ID, Case format, Quantity, Bin, Date code, MSL, Manufacture PN, Lot number, Expiring date, Supplier, Order ref., Notes field, custom field).
Any out−of−standard label·can be easily read by setting customized rules as long as the codes contain a recognizable indicator (for example: Q2000, "Q" standing for quantity).

# FEATURE 4: High res camera finds relevant barcodes on a wide variety of reels



# SOFTWARE OPTIONS

## ■ Internal PNs/Qualified Parts Cheking Module

With this option it is possible to load the list of approved part numbers so that if the software detects a part number that is not in the list, the system can warn the operator and prevent the initialization of the material until the new part number has been approved.

## ■ Packing list/Delivery Note Checking Module

With this option it is possible to check−out automatically all the material listed in the delivery note or picking list, to make sure all material stated has arrived, and to recognize any exceeding material. This option includes the installation of a second monitor were the delivery note information are shown and the checking process is confirmed.
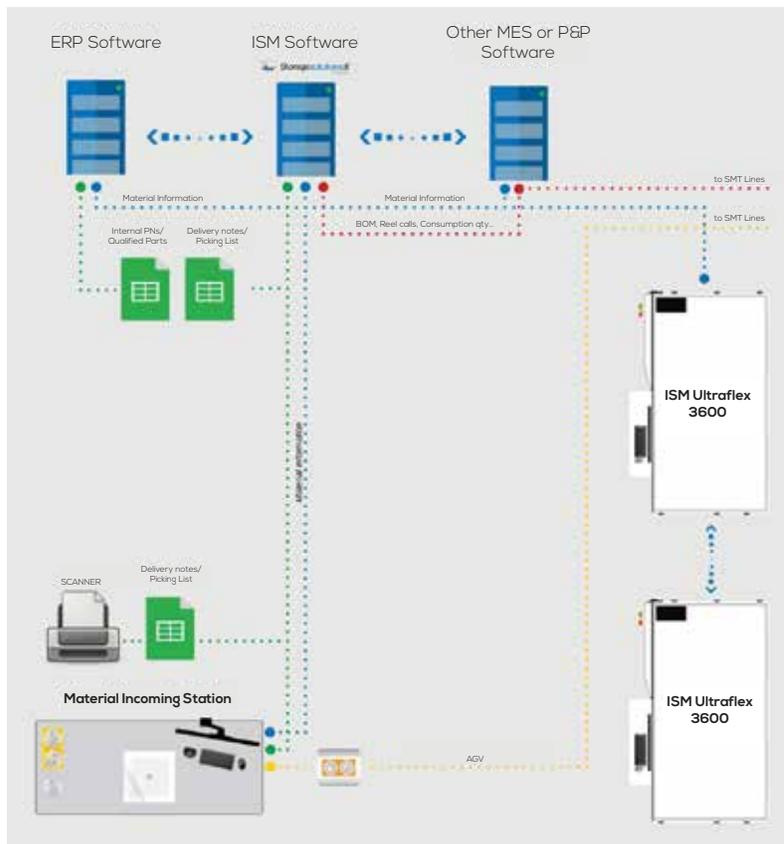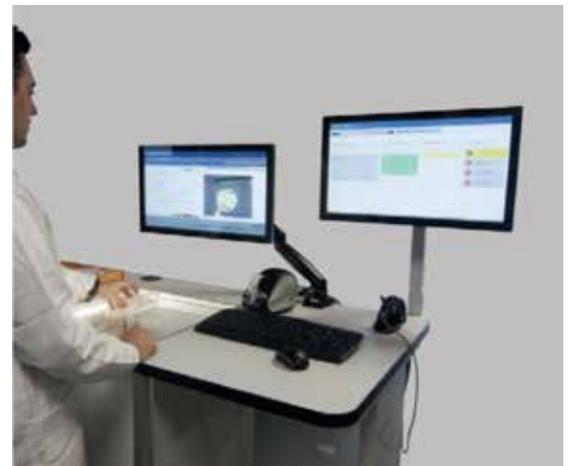
## Specification

| Hardware | |
|---|:---:|
| ESD table | ✔ |
| Touch screen, keyboard, mouse | ✔ |
| 18 mp camera | ✔ |
| Label printer | ✔ |
| 1D/2D barcode scanner | ✔ |
| PC i7, 8GB RAM 256 GB | ✔ |

| Technical Data | |
|---|:---:|
| Dimensions | Width = 1,6 m / 5.25 ft |
| | Depth = 0,8 m / 2.62 ft |
| Operating Height | 1,1 m (3.28 ft) |
| Weight | 101 Kg - 222.67 Kg (Full cases) |
| Power consumption | 100-240V - Imax: 5A - Frequency 50-60 Hz |
| Operating system | Microsoft Win 10 |

| Software | |
|---|:---:|
| Software Console | ✔ |
| Halcon 1D-2D library | ✔ |
| 18 mp camera | ✔ |
| Auto-Incoming software | ✔ |
| Picture traceability option | ✔ |

| Optional Software | |
|---|:---:|
| Part number control | Option |
| Delivery note matching | Option |

CM001
ISO 14001
JSAE389
089

**JUKI CORPORATION** HEAD OFFICE
The activities of research, development, design, sales,
distribution, and maintenance services of industrial sewing
machines, household sewing machines and industrial robots, etc.,
including sales and maintenance services of data entry systems.

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

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