

Specification

	ISM 3600	ISM 1800	ISM 3900
Dimensions(WxDxH)	2,540×1,465×2,440 mm	1,710×1,470×2,240 mm	2,540×1,380×2,440 mm
Weight	1,000kg (empty) - 1,500kg	850kg (empty) - 1,150kg	1,000kg (empty) - 1,500kg
Power consumption	230V;50/60Hz single phase		
Air consumption	Max. 2.4kWh	Max. 2.4kWh	0.4kWh (without dehumidifier)

	ISM 2000	ISM 1100	ISM 500
Dimensions(WxDxH)	2,560×1,635×2,440 mm	1,760×724×2,220 mm	1,770×800×2,220 mm
Minimum position width	-	-	34×620×100 mm
Weight	1,350kg (empty) - 1,650kg	460kg (empty) - 600kg	350kg-850kg
Power supply	230V;50/60Hz single phase		
Power consumption	Max. 1.5kWh	Max. 0.82kWh	Max. 0.8kWh
Max air consumption	35L/h	-	-
Air supply	0.4~0.6MPa	-	-

ISM3600, 3900, 2000, 1800, 1100 case quantity

	Model	Sub model name		Total quantity	7 inch reel			13/15 inch reel						
					8mm	16mm	24mm	8mm	16mm	24mm	32mm	44mm	48mm	72mm
					JEDEC tray* ¹			JEDEC tray						
Ultra-flex	ISM 3600* ²	7"ONLY* ³	Double reel type	3,218	2,520	600	98	—	—	—	—	—	—	—
			Single reel type	1,609	1,260	300	49							
		15"ONLY	Single reel type	605	—	—	—	270	180	86	55	—	14	—
			7"+15"MIX	Double reel type	1,989	1,340	320	46	125	85	40	25	—	8
	Single reel type	1,136		670	160	23								
	ISM 1800* ²	7"ONLY* ⁴	Double reel type	1,640	1,312	282	46	—	—	—	—	—	—	—
			Single reel type	820	656	141	23							
		15"ONLY	Single reel type	297	—	—	—	140	74	36	30	—	17	—
7"+15"MIX			Double reel type	1,039	688	168	46	66	37	19	9	—	6	—
	Single reel type	588	344	84	23									
Extension module	ISM 3900* ²	7"ONLY* ⁵	Double reel type	3,418	2,678	636	104	—	—	—	—	—	—	—
			Single reel type	1,709	1,339	318	52							
		15"ONLY	Single reel type	644	—	—	—	287	192	91	58	—	16	—
			7"+15"MIX	Double reel type	2,026	1,340	320	46	141	96	45	28	—	10
		Single reel type		1,173	670	160	23							
Large capacity	ISM 2000	7"ONLY		2,059	1,846	213	—	—	—	—	—	—	—	—
		STANDARD		1,368	986	113	—	—	177	92	—	—	—	—
		BALANCED		860	384	44	—	—	295	137	—	—	—	—
		XL		809	384	44	—	—	295	—	—	86	—	—
		XXL		769	366	42	—	—	295	—	—	—	—	66
Model dedicated for a 7 inch reel	ISM 1100	STANDARD		1,100	988	112	—	—	—	—	—	—	—	—
		BALANCED		918	501	417	—	—	—	—	—	—	—	
		H12 / H16		768	—	768	—	—	—	—	—	—	—	

*1 Case height is adjustable for ISM3900, ISM3600 and ISM1800. *3 In case 7 inch reel is 8mm height, ISM can hold 3,620 reels. *5 In case 7 inch reel is 8mm height, ISM can hold 3,810 reels.
*2 Case height is adjustable for reels up to 88mm wide. *4 In case 7 inch reel is 8mm height, ISM can hold 1,838 reels.

ISM500 position

	Model	Sub model name	Total quantity position	Shelves	Height of shelves: 100mm —		Height of shelves: 180mm 7 inch reel		Height of shelves380mm 7/13/15 inch reel	
					Stick / JEDEC tray					
					Position* ¹	Shelves	Position* ¹	Shelves	Position* ¹	Shelves
Medium-sized general-purpose model	ISM 500	06 STANDARD	240	6	—	—	80	2	160	4
		10 Shelves	400	10	—	—	400	10	—	—
		16 Shelves	640	16	560	14	80	2	—	—

*1 The size of a position is width 34mm, depth is 620mm.



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.

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


Intelligent Storage Management System

ISM Series



ISM Series For all your component management needs




SOFTWARE

STORAGE

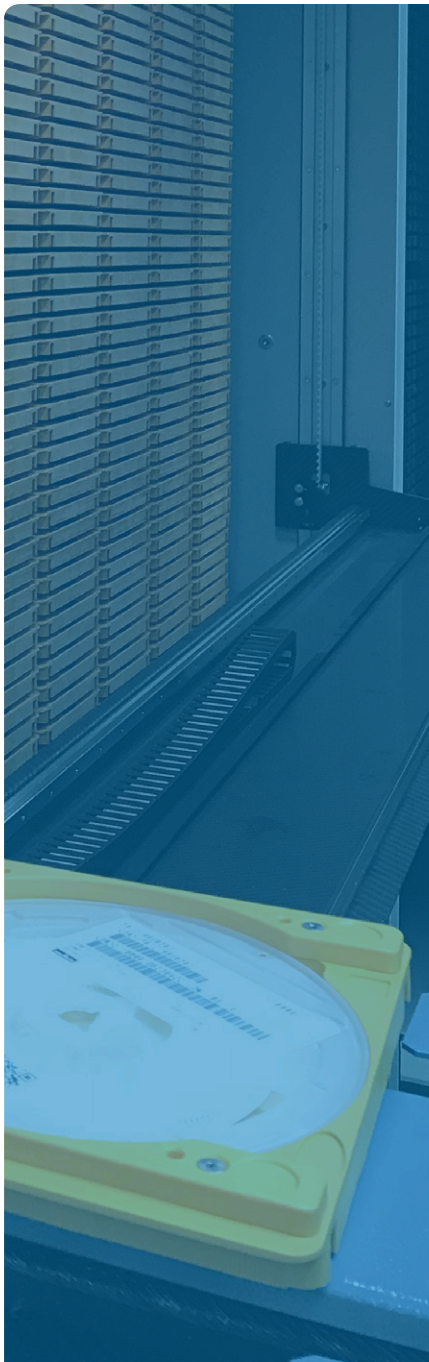
PRINTING

INSPECTION

PLACEMENT

INSERTION

SOLDERING



Many practical benefits

- 1 ☐ Humidity control and MSD tracking
- 2 ☐ Bag and cut tape components
- 3 ☐ FIFO component use
- 4 ☐ Labor savings provides fast ROI
- 5 ☐ Simplifies parts retrieval
- 6 ☐ Eliminates duplication
- 7 ☐ More efficient use of work force
- 8 ☐ Eliminates production stoppage due to resupply issues
- 9 ☐ Reduces database management
- 10 ☐ Reduces inventory counts
- 11 ☐ Real-time component resupply

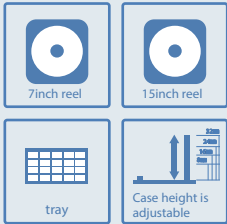
*ISM Series towers save time and money!



Solution site

Compact size
ultra-flex model
ISM 1800

Up to 1,800 reels can be stored in double reel cases. (based on 8mm reels)



Model for
7 inch reels only
ISM 1100

Space saving feature holds up to 1,100 reels.



Semi-automatic
storage cabinet
ISM 500

Holds virtually any materials in humidity controlled environment with operator assist tools to locate materials.



5 Key Features



Component Cases



Smart Factory Integration



Space Savings



Moisture Control

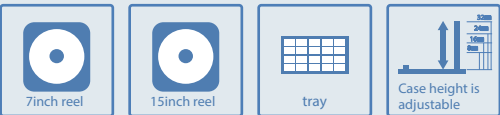


Automatic Component In-Out

Large capacity, flexible configuration

ISM 3600

Up to 3,600 reels can be stored in double reel cases. (for 8mm width)



Storage extension module for ISM 3600

ISM 3900

Connected to the back of the ISM 3600 to store more than 11,000 reels.



Large capacity model

ISM 2000

Large capacity supporting reels, trays, and other items.



Material receipt registration system

Incoming Material Station

Receiving reel parts more efficient and reduces work mistakes.



1. Component cases

Store a variety of packaging

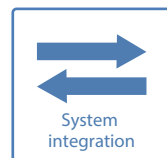


- ◆ESD cases
- ◆Up to 88 mm height.

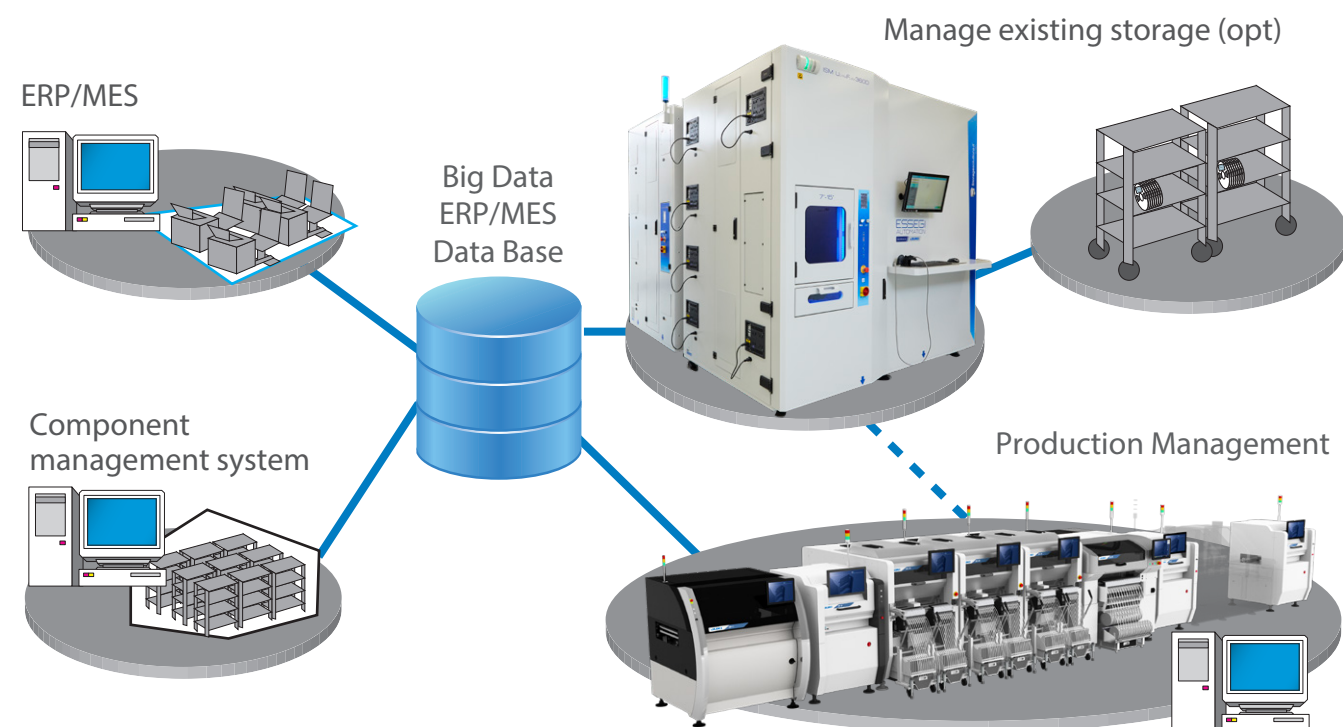


2. Factory Integration

System integration for improved efficiency

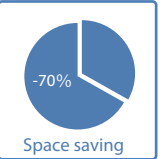


- ◆Improved component management reduces excess inventory

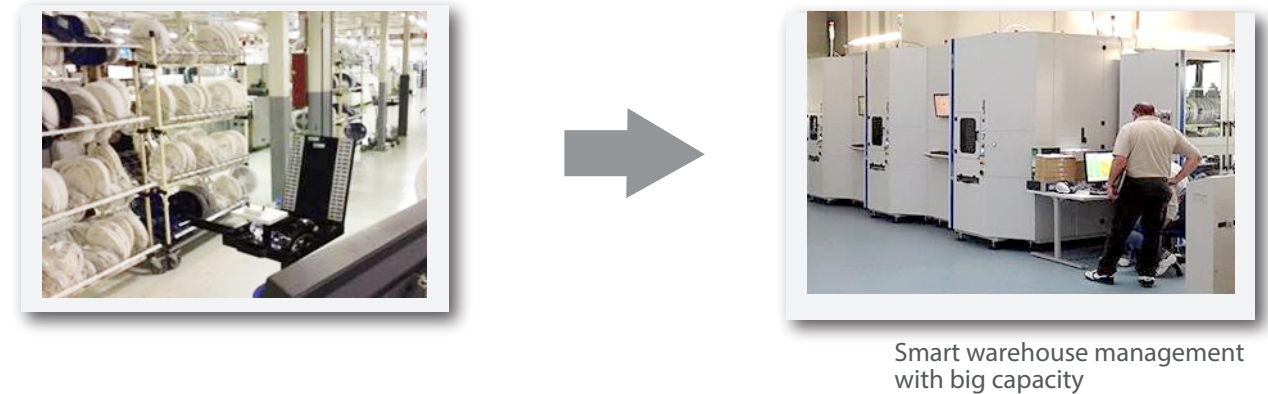


3. Space savings

Up to 70% reduction



- ◆Eliminates wasted space and more efficient use of available space

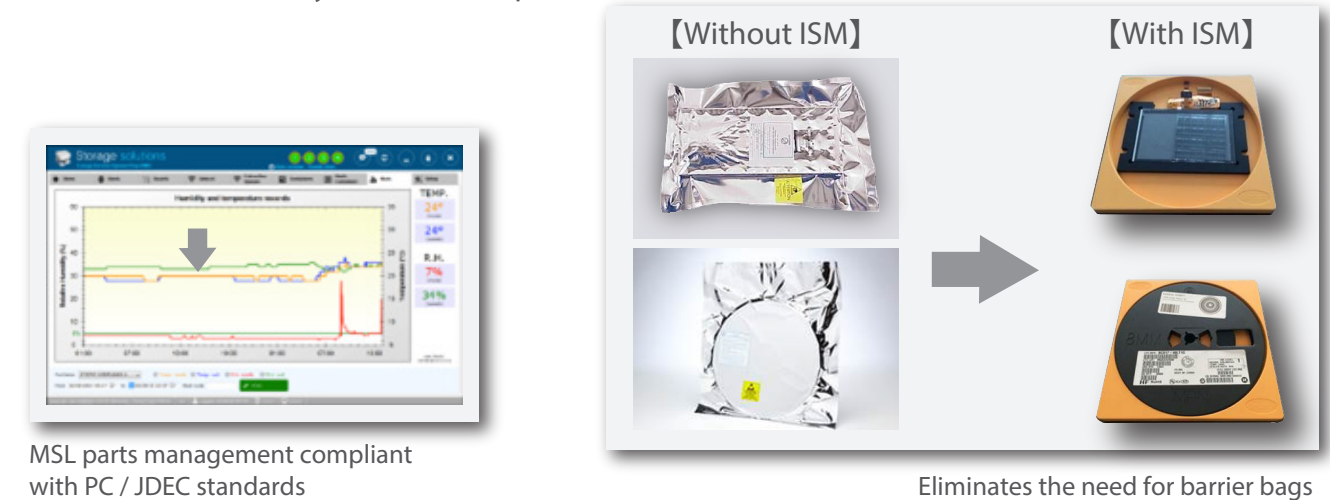


4. Moisture control

Manage products with low moisture



- ◆Manages Remaining time for MSD component
- ◆Moisture traceability function compatible



5. Bulk Insertion/Extraction

Up to 27 cases (Max. 54 reels) at one time



- ◆Minimal operator time required
- ◆Eliminates wrong part delivery
- ◆FIFO management

