

Specification

	ISM 3600	ISM 1800	ISM 3900
Dimensions(WxDxH)	2,540x1,465x2,440 mm	1,710x1,470x2,240 mm	2,540x1,380x2,440 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)	2,560x1,635x2,440 mm	1,760x724x2,220 mm	1,770x800x2,220 mm
Minimum position width	-	-	34x620x100 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*			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 shelves: 380mm 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.

*Please refer to the product specifications for details.

■ JUKI Specifications and appearance may be changed without notice.



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.

MANUFACTURER : ESSEGI AUTOMATION S.r.l

INQUIRY : JUKI AUTOMATION SYSTEMS CORPORATION

2-11-1, Tsurumaki, Tama-shi, Tokyo 206-8551, JAPAN
TEL.81-42-357-2293 FAX.81-42-357-2285

ESSEGI
AUTOMATION

JUKI
www.juki.co.jp

JUKI AUTOMATION SYSTEMS GMBH.
www.juki-smt.com

JUKI AUTOMATION SYSTEMS INC.
www.jukiamericas.com

TOKYO JUKI INTERNATIONAL
TRADING (SHANGHAI) CO.,LTD.
www.jukichina.com

JUKI INDIA PVT. LTD.
www.smtjukiindia.com

JUKI SMT ASIA CO.,LTD.

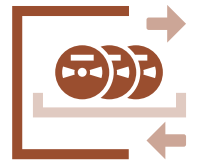
Apr- 2021/Rev.09

Intelligent Storage Management System

ISM Series

JUKI

JUKI Smart Solutions



ISM Series For all your component management needs



SOFTWARE



STORAGE



PRINTING



INSPECTION



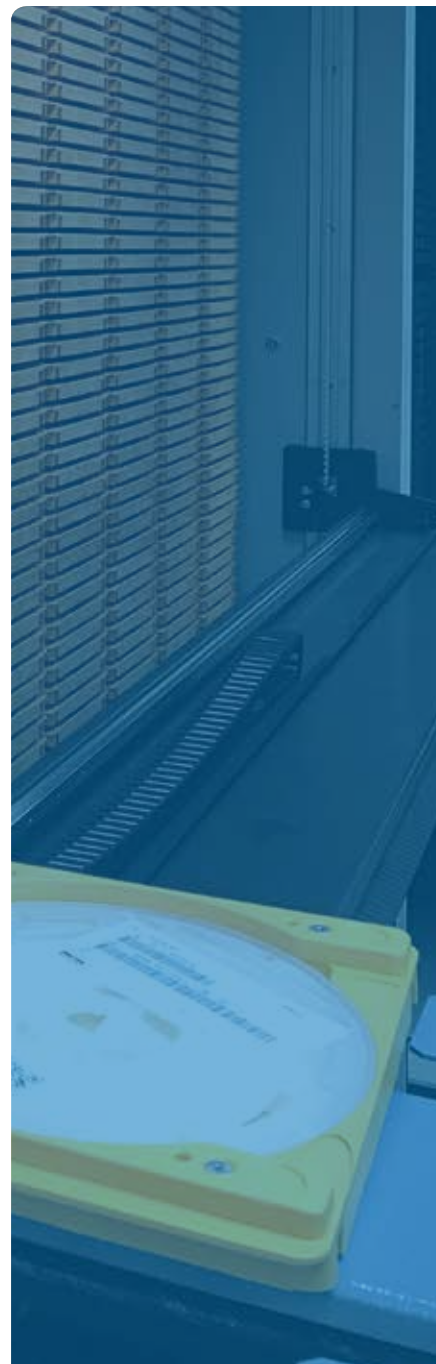
PLACEMENT



INSERTION



SOLDERING



Many practical benefits

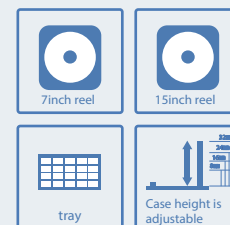
- 1 Humidity control and MSD tracking
- 2 Bag and cut tape components
- 3 FIFO component use
- 4 Labor savings provides fast ROI
- 5 Simplifies parts retrieval
- 6 Eliminates duplication
- 7 More efficient use of work force
- 8 Eliminates production stoppage due to resupply issues
- 9 Reduces database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

*ISM Series towers save time and money!

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

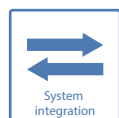
Holds virtually any materials in humidity controlled environment with operator assist tools to locate materials.



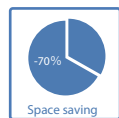
5 Key Features



Component Cases



Smart Factory Integration



Space Savings



Moisture Control

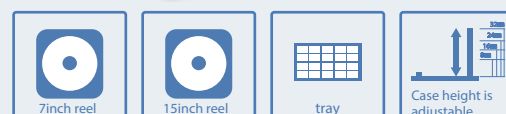


Automatic Component In-Out

Large capacity, flexible configuration

ISM 3600

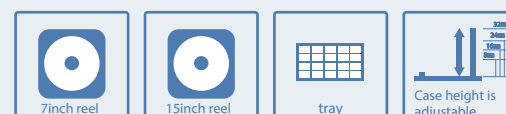
Up to 3,600 reels can be stored in double reel cases. (for 8mm width)



Storage extension module for ISM 3600

ISM 3900

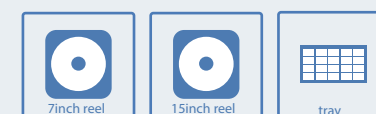
Connected to the back of the ISM 3600 to store more than 11,000 reels.



Large capacity model

ISM 2000

Large capacity supporting reels, trays, and other items.



Material receipt registration system

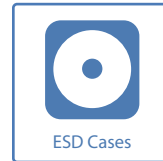
Incoming Material Station

Receiving reel parts more efficient and reduces work mistakes.



1. Component cases

Store a variety of packaging

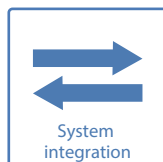


- ◆ESD cases
- ◆Up to 88 mm height.

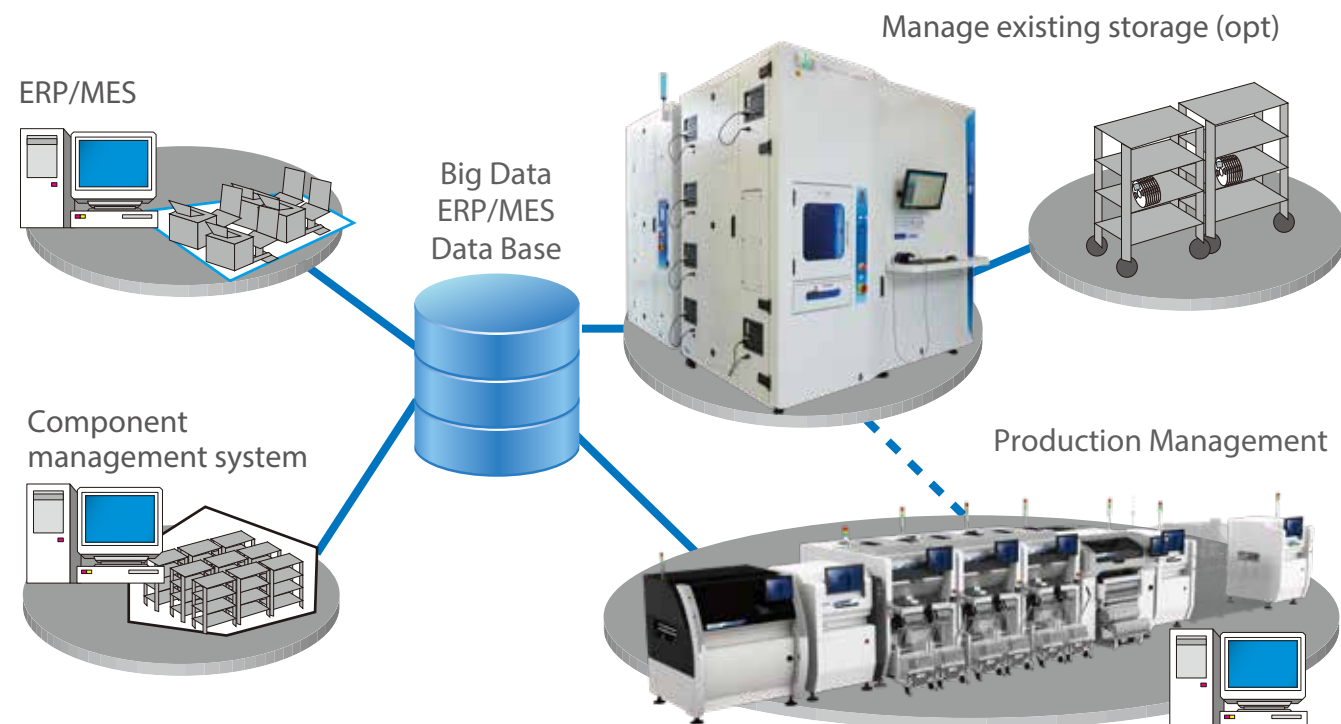


2. Factory Integration

System integration for improved efficiency

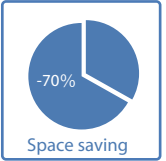


- ◆Improved component management reduces excess inventory

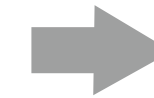


3. Space savings

Up to 70% reduction



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



Smart warehouse management with big capacity

4. Moisture control

Manage products with low moisture



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



MSL parts management compliant with PC / JDEC standards



Eliminates the need for barrier bags

5. Bulk Insertion/Extraction

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



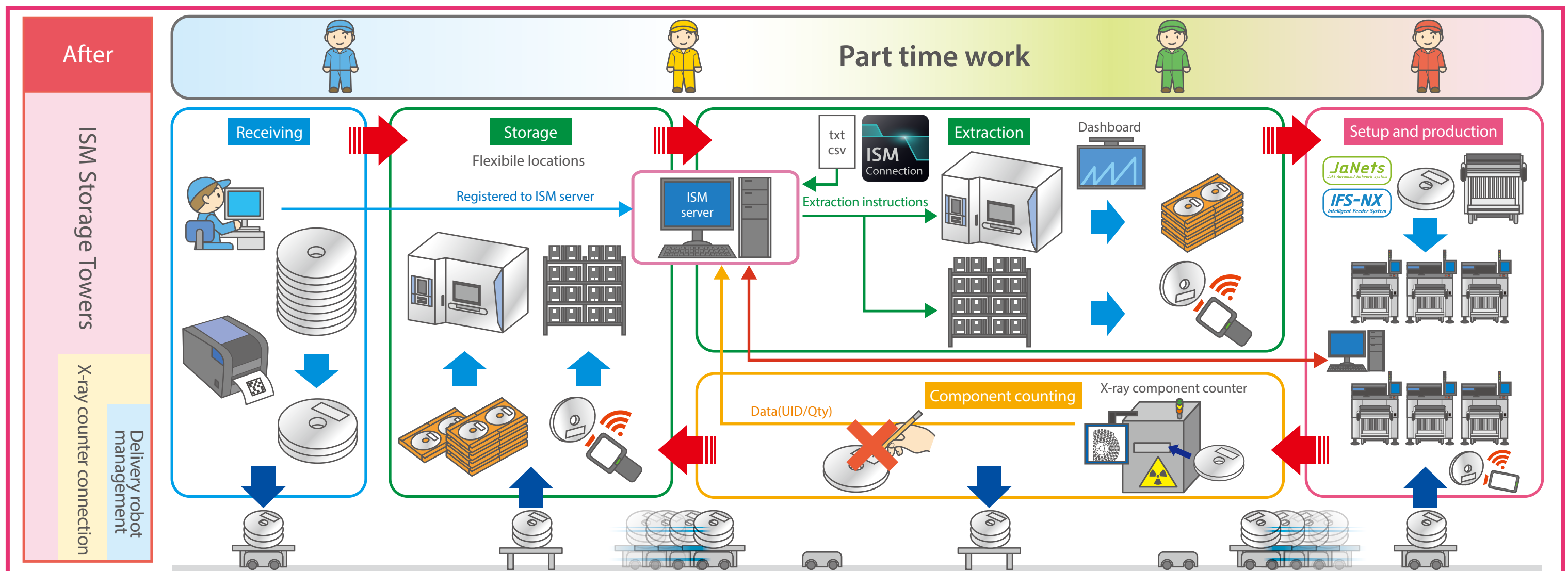
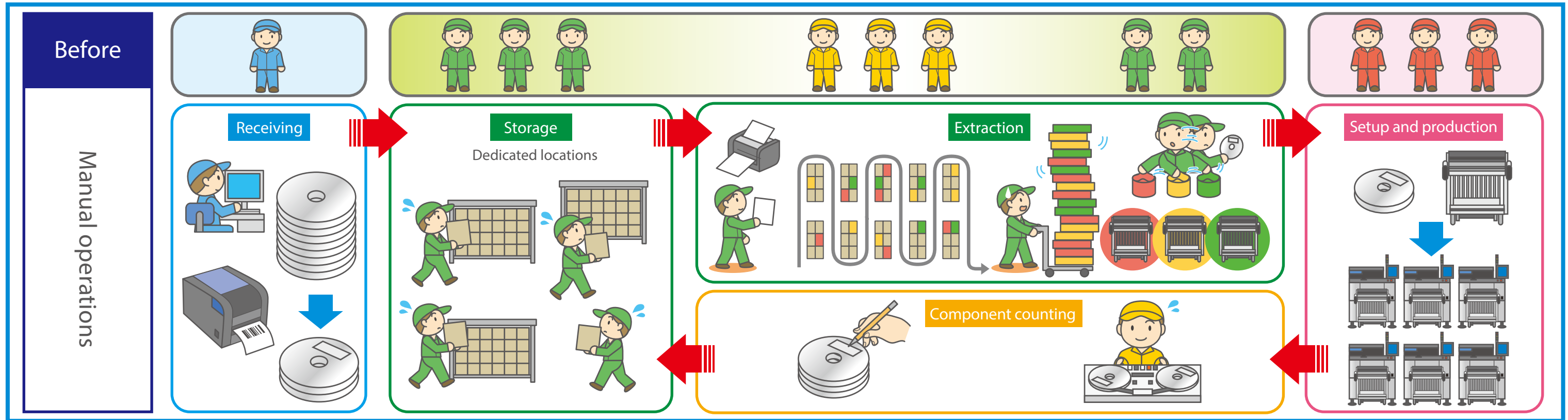
- ◆Minimal operator time required
- ◆Eliminates wrong part delivery
- ◆FIFO management



Stack of 27 cases



One button operation



- Options :
- ◆ Label printing (new reel registration)
 - ◆ External shelf bulk management: Extended OP
 - ◆ ISM Connection- File Extractor Application
 - ◆ Monitoring
 - ◆ JaNets/IFS-NX: Low component warning
 - ◆ Code scan extraction (Windows and Android versions)