

ED100 / ED150 / ED200

JET SETTER Series

The **Fastest** Speed

The **Highest** Precision

Immediate Response



JET SETTER Series / JET Printer

Machine Platform

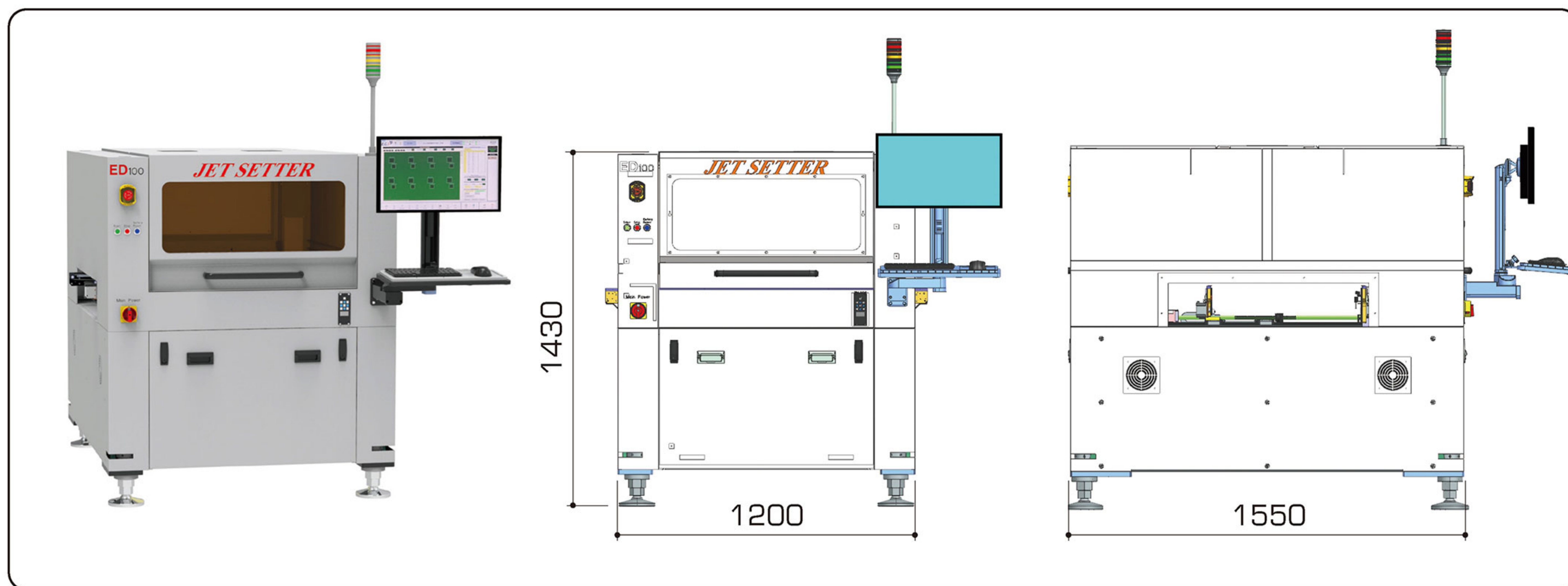
ITEM	ED100	ED150	ED200
Jet Frequency, Max.	1,800,000 DPH (Dot Per Hour) / 500Hz / Solder paste standard		
Gantry Type	X/Y Linear Motor		
Servo	Advanced DSP Motion Control		
Max. Acceleration	3g		
Position Resolution	0.2 μ m		
Active Field of View	16.8 x 14.1 mm		
Gantry Repeatability	\pm 3 μ m		
Dimension (W x D x H, mm)	1,200 x 1,550 x 1,430	1,400 x 1,550 x 1,430	1,640 x 1,550 x 1,430
Weight	1,800 Kg	2,000 Kg	2,300 Kg
Height Measurement	Laser Analog Sensor		
Voltage	3Phase AC220 \pm 10%, 50/60Hz		
Power Requirement	4kW (Peak)		
Power Consumption	3kVA		
Air Pressure	0.55Mpa ~ 0.75Mpa		
Ambient Temperature	+18°C ~ 32°C, 30 ~ 80% RH		

Board Handling

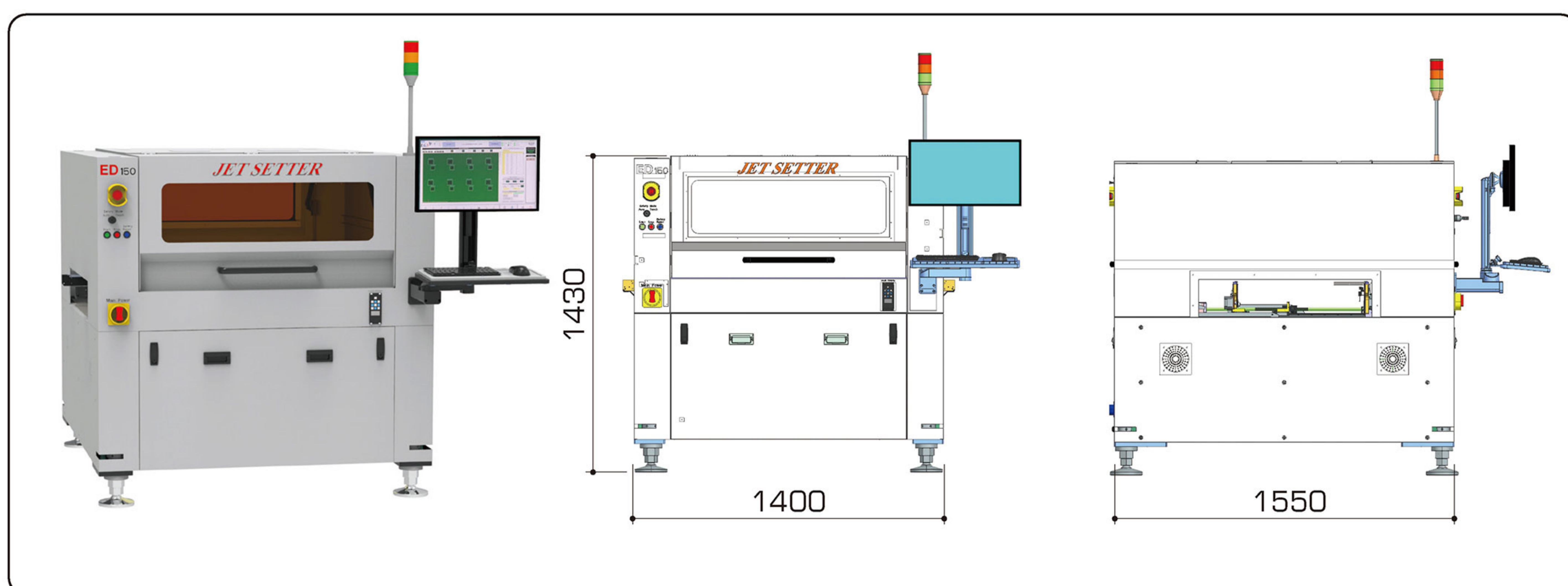
ITEM	ED 100	ED 150	ED 200
Board Transport Height (mm)	880 ~ 925		
Board Transport Height (SMEMA)	930 ~ 975		
Single Lane Board Size (Without Buffer) (LxW, mm)	410 ~ 585	640 ~ 580	850 ~ 580
Dual Lane Board Size (Without Buffer) (LxW, mm)	410 ~ 320	640 ~ 325	850 ~ 320
Single Lane Board Size (With Buffer) (LxW, mm)	330 ~ 580	400 ~ 580	500 ~ 580
Dual Lane Board Size (With Buffer) (LxW, mm)	330 ~ 320	400 ~ 320	500 ~ 320
2 Step Working Board Size, Max. (LxW, mm)	800 x 580	900 x 580	1,200 x 580
Board Weight, Max.	3kg / 5kg	3kg / 5kg	3kg / 5kg
Minimum Board Size (LxW, mm)	70 x 40		
Board Thickness Range (mm)	0.4 ~ 6.0		
Transport Direction	L \rightarrow R, R \rightarrow L, Bypass		

* The specification above is based on the installation of the single valve.

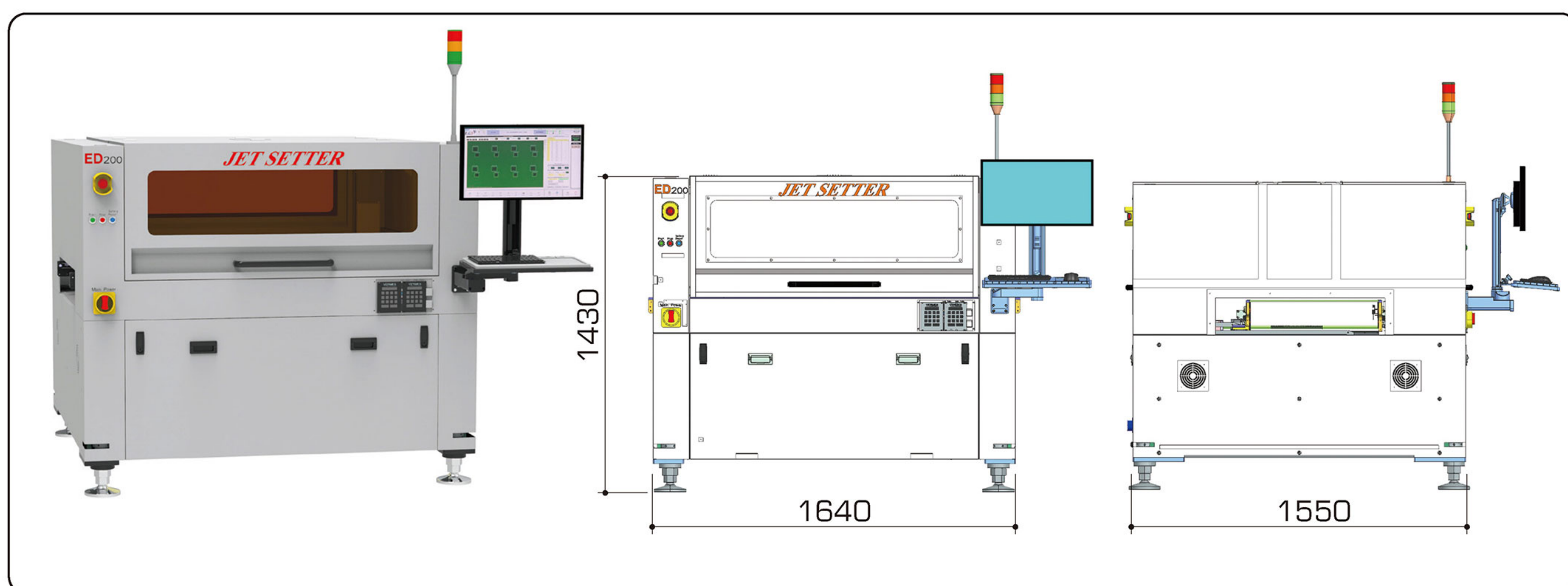
Dimension : ED100



Dimension : ED150



Dimension : ED200

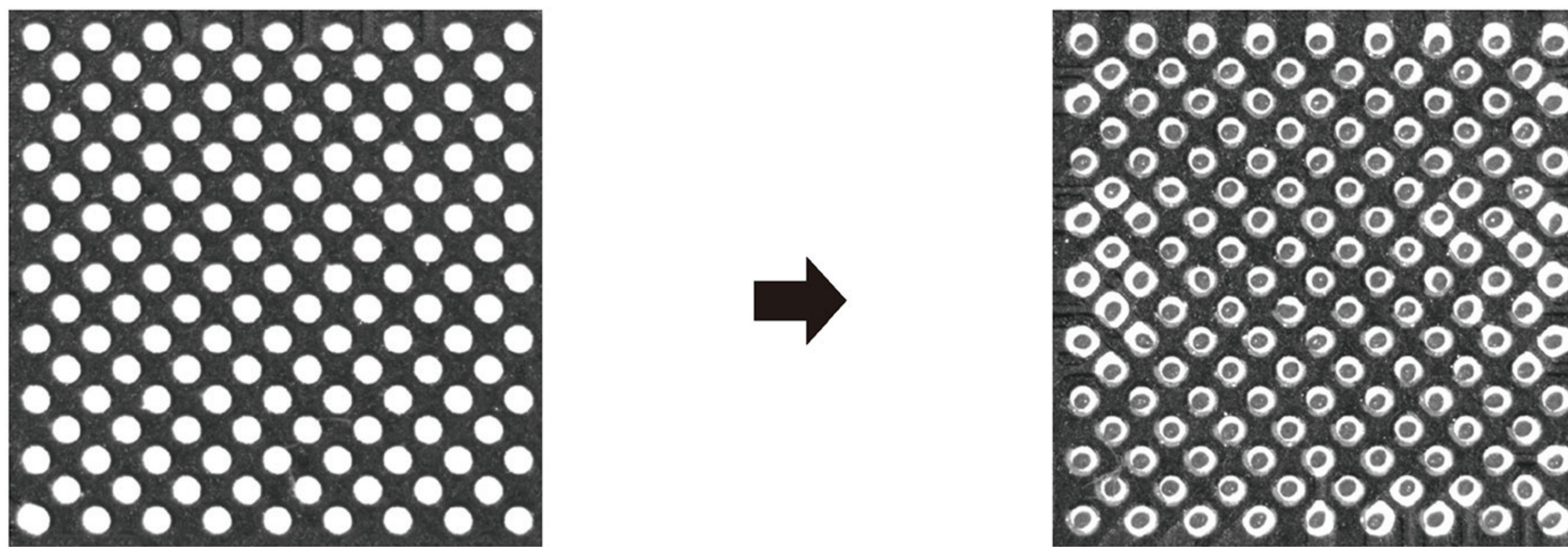


Capability

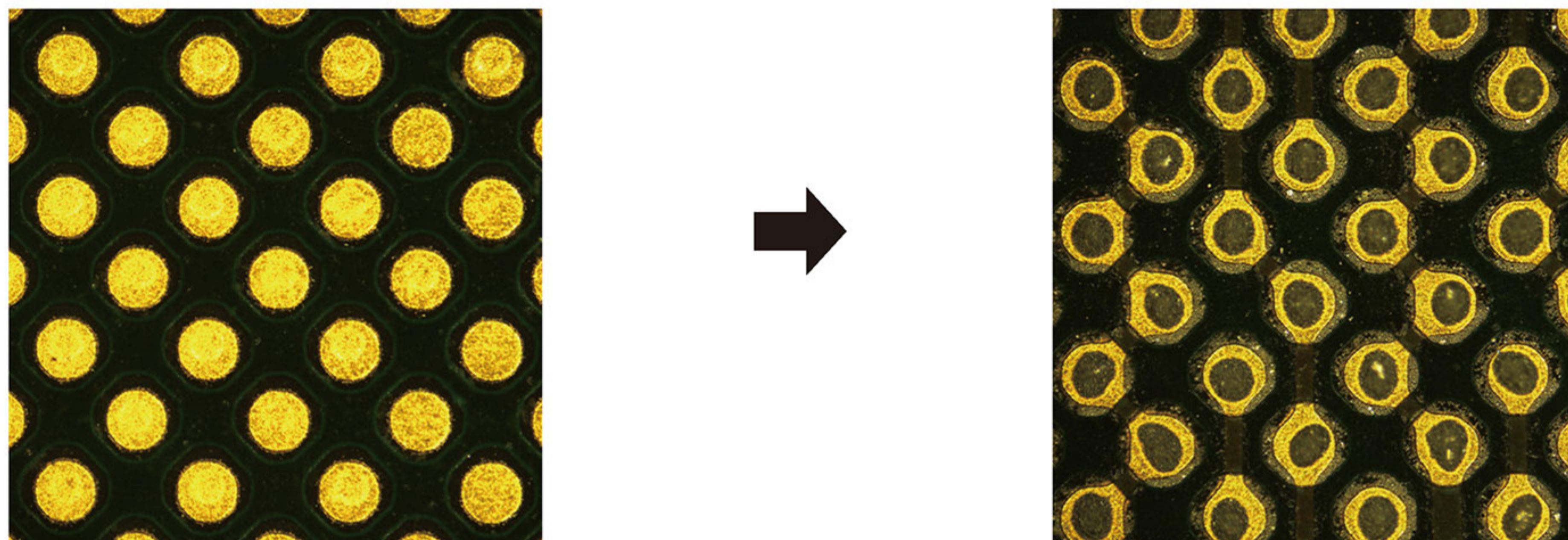
Media	Solder Paste	Other Adhesives
Applicator Type	Pneumatic Valve	Piezo Ejector
Min. Dot Diameter	150 μm	
Syringe Size	5, 10, 30cc	
Single Dot Repeatability / Accuracy	$\pm 30 \mu\text{m}$ / $\pm 50 \mu\text{m}$	

Solder Paste

- Dot Pitch : 500 μm (Before Jetting) After Jetting)



- Dot Pitch : 500 μm (Before Jetting) After Jetting)



- The Results Checked with the SPI

