

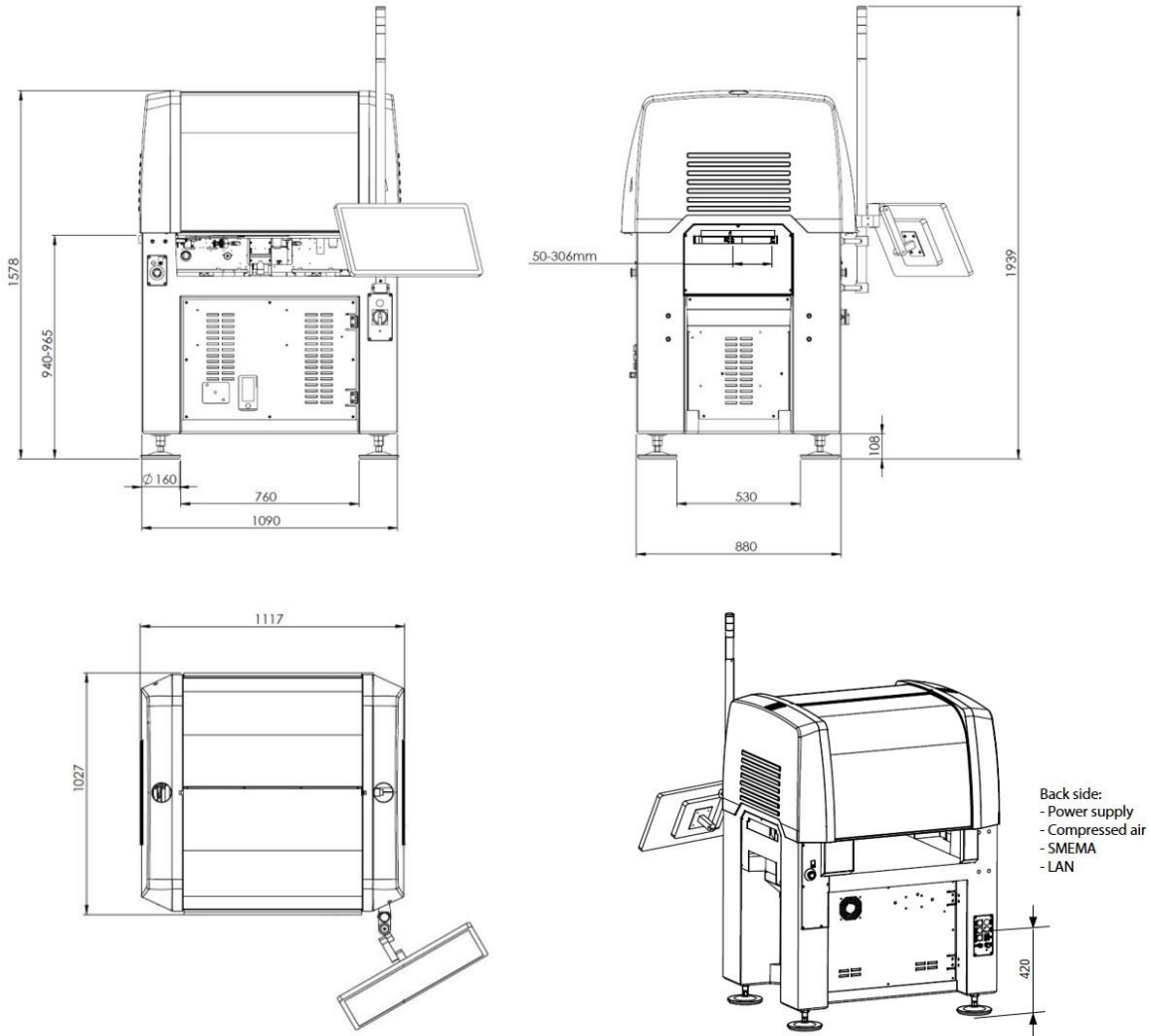
Configuration

		SPIDER
Machine base	In Line type (Conveyor 3 stage, support pins, manual width adjust.)	●
	Dispensing basic kit (Dot plate, purge and z-height calibration station)	●
	Interior lighting LED	●
	Signal tower (3 color)	●
PCB Handling	IPC-HERMES-9852, SMEMA interface	●
	Conveyor direction L/R, R/L, batch mode R/R, L/L	●
	Automatic width adjustment	○
	Conveyor extensions	○
	PCB inspection station on conveyor	○
Control and software	ePlace Dispensing software (En, De, Fr, Ru, Pl, Zh, Es, Cs, Ja)	●
	Machine PC with Windows 10 OS and 21.5" touch screen	●
	Technical support software	●
Alignment systems	Cognex Base Vision license (extended fiducial recognition)	●
	Red and Blue color illumination for top camera	●
Dispensing valves (Cartridge sizes)	Piezo Jet valve (5, 10, 30 cm ³)	○
	Shockwave Jet valve (5, 10, 30 cm ³)	○
	Time/pressure valve (5, 10, 30 cm ³)	○
	Archimedean screw valve (5, 10, 30 cm ³)	○
	Volume Dispenser valve (10, 30, 55 cm ³)	○
	Cartridge level control	○
	Dispenser Needle Heating	○
	Laser height measurement ⁵⁾	⊙
Dispensing options	High precision scale (only for Jet valves)	○
	Valve heating system (available for all valves)	○
	Vacuum cleaning station for needles	○
	Cartridge level control	○
	Disp. Process Control Adjustment & Stabilization (PCAS)	○
	Lifting table with heating or vacuum	○
	Various (extract)	Second touch screen for machine backside
Keyboard and mouse holder underneath monitor	○	
Clean room option ISO7 (class 10'000)	○	
Basic User Level Management (software)	●	
Bad mark sensing with vision (software)	●	
Universal CAD conversion (software)	●	
Key Performance Indicator (KPI) (software)	○	
Barcode Reading over Top Camera (software)	○	
Disp. Process Control Adjustment & Stabilization (PCAS) (software)	○	
Full Traceability Package for medium and valves	○	
Calibration set Dispensing	●	

● standard feature ○ optional feature ⊙ mandatory option, model to choose



Dimension Drawings



- 1) Conditions: Full speed, dot size 0.5mm, dot matrix 0.8 x 0.8 mm, 1000 x dots, fluid Loctite 3621, zero height level and within performance temperature / humidity range
- 2) All 2.5D/3D applications need to be checked and approved by Essemtec Applications Department
- 3) Other heights on request
- 4) Conditions: Full speed, dot size 1.0 mm, fluid Loctite 3621, zero height level and within performance temperature / humidity range
- 5) Mandatory option: Two laser models available, to choose depending on needed application

For more information ask for the SPIDER System Description and Product Notes.

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