

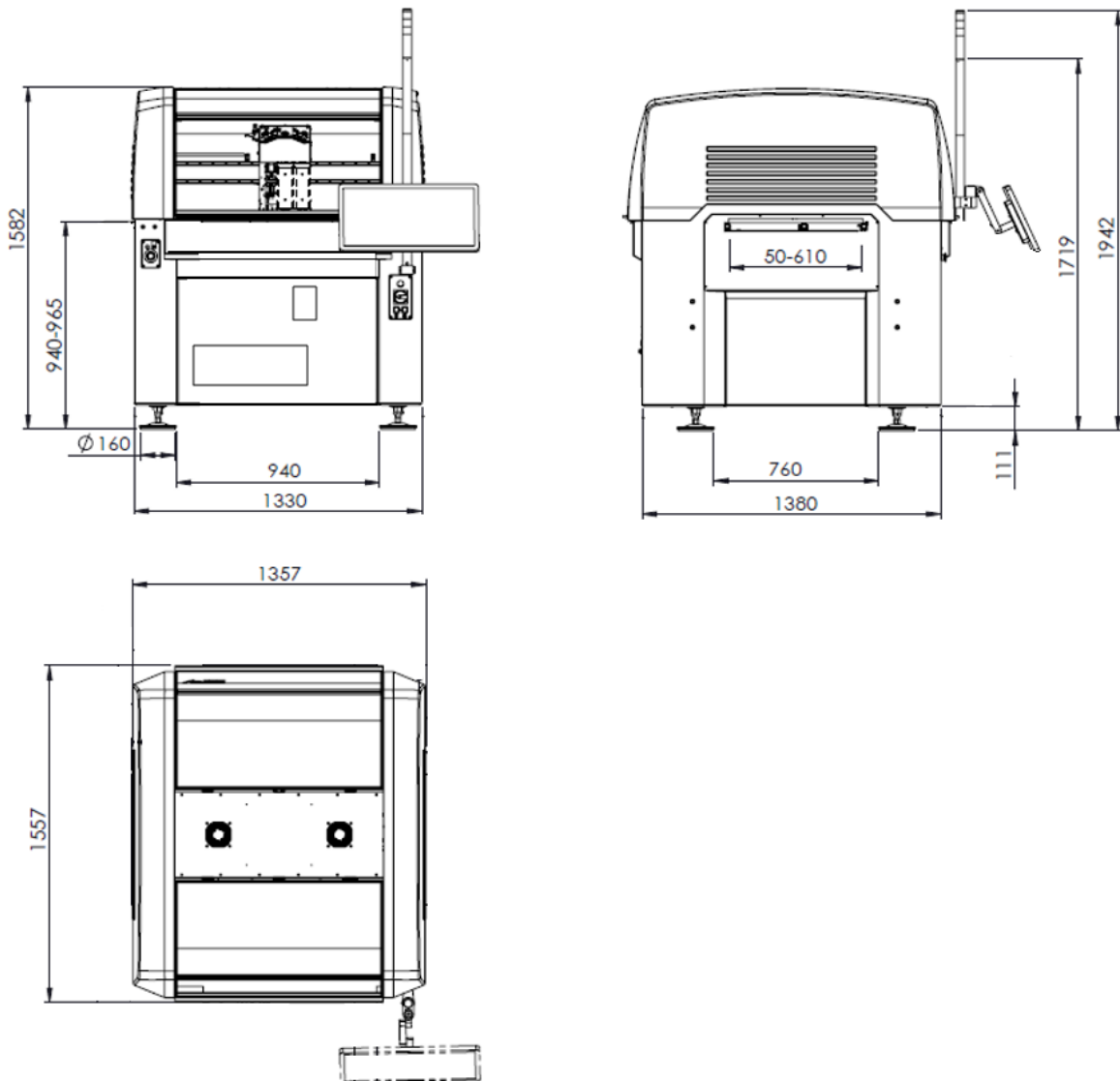
Configuration

		TARANTULA
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)	●
	Clean room compatible ISO7 (class 10'000)	●
	PCB Handling	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, 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)	●
Dispensing valves (Cartridge sizes)	Jet valve (5, 10, 30 cm ³)	○
	Pneumatic-Jet valve (5, 10 cm ³)	○
	Time/pressure valve (5, 10, 30 cm ³)	○
	Archimedean screw valve (5, 10, 30 cm ³)	○
	Volume Dispenser valve (10, 30, 50 cm ³)	○
	Cartridge level control	○
	Dispenser Needle Heating	○
	Dispensing options	Laser height measurement ⁵⁾
High precision scale (only for Jet valves)		○
Jet valve heating system (only for Piezo Jet valve)		○
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	○
	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 TARANTULA System Description and Product Notes.

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