



Desktop automation platform

Ginolis Xanthia is a modular compact automation platform for production automation solutions.

Xanthia

MODULAR DESKTOP AUTOMATION

Ginolis Xanthia is a modular automation platform for the production and processing of micro components, diagnostics and medical device products.

The Xanthia platform offers fast, accurate and precise operation within a desktop footprint. The platform includes two standard modules, the Xanthia 700 and 350, which are differentiated by their footprint size.

HIGH QUALITY

Combination of our Ginger software, cameras, sensors and techniques ensure each solution is equipped with an enhanced machine vision system for robot guidance, quality inspection and process control.

INTELLIGENT

Xanthia employs Ginolis' Intelligent Transfer Unit system. The revolutionary transfer system uses magnetized carriers to move components along a glass platform. The easy to clean and low maintenance system promotes a clean environment vital for medical device and diagnostics assembly.

FLEXIBLE

The standard Xanthia desktop automation platform offers scalable, modular and flexible solutions. Proven and robust modules reduce lead time and validation costs.

Applications

- Array printing
- Bonding
- Bulk feeders
- Climate chamber
- Cutters
- Dispensing
- Heat sealing
- Intelligent transfer system
- Kitting
- Feeders
- Gluing
- Grippers
- Labelling
- Laser welding
- Laser marking
- Line confocal imaging
- Plasma
- Pouching
- Pressing
- Printing
- Machine vision
- Membrane striping
- Quality inspection
- Scara robots
- Spray coating
- Statistical Process Control (SPC)
- Strip cutter
- Strip infeed
- Surface treatment
- Ultrasonic welding
- UV curing
- Vacuum chamber



Technical Specifications

Dimensions (mm)	Xanthia 700	695(W) 920(D) 700(H)
	Xanthia 350	345(W) 920(D) 700(H)
Handling Capacity	0.5kg	
Accuracy	+/- 0.05mm	
Precision	+/- 0.01mm	
Operating System	Ginolis Ginger	

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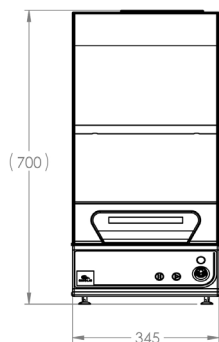
Xanthia

Ginger Control System

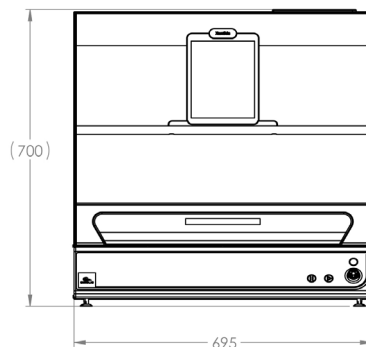
- Ginger - desktop automation software
- Embedded industrial PC (Win 7 Pro, Windows 10 IoT)
- GIN UX Tablet User Interface
- USB, WLAN, LAN
- Machine vision system
- Supports multiple languages



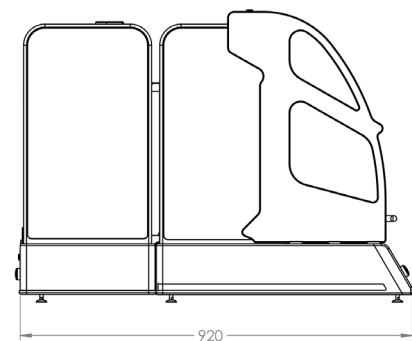
Technical Dimensions



Xanthia 350



Xanthia 700



Xanthia 350 & 700

Possible Configurations



Stand-alone cell



Full production line