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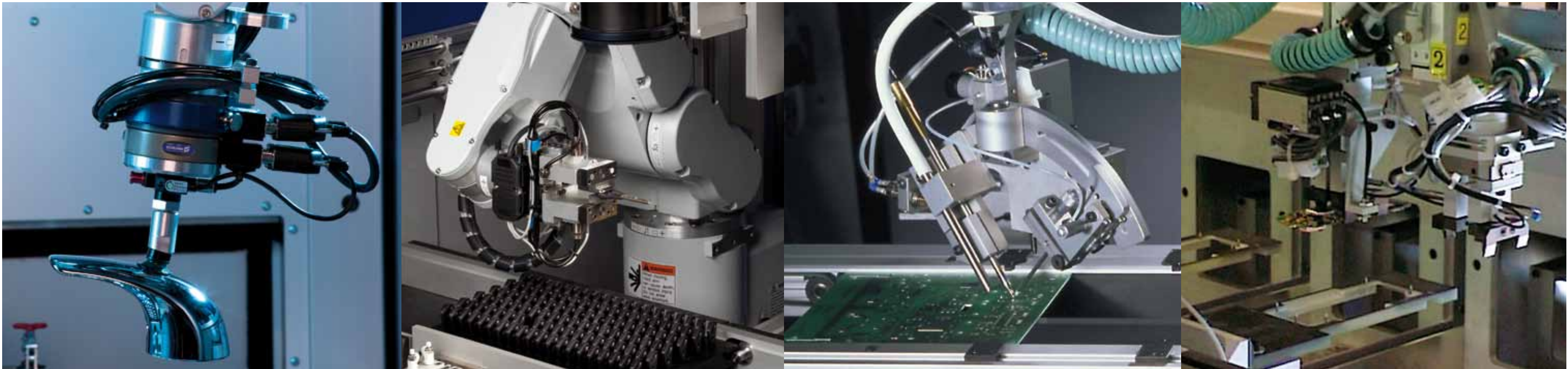
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A FLEXIBLE AUTOMATION PLATFORM



Flexible Platform

The Cencorp 1300 FA cell is a heavy duty production platform with standard operating software and graphical user interface. This flexible platform can easily be configured for a wide range of light assembly and part handling applications in both high volumelow mix and in low volume–high mix environments. By starting with a proven platform, custom solutions are delivered wit lower cost, less technical risk, and shorter delivery time when compared to ground-up automation development.

Equipped with state-of theart industrial robots, the 1300 FA meets the most demanding requirements for speed and accuracy. Three different robot arms are available depending on the application need. All the robots are roof mounted allowing a large working area for the utilization of process heads, application units, feeders and transport systems.

The 1300 FA has been designed for heavy 24/7 utilization. This workhorse system allows Cencorp customers to improve manufacturing competitiveness through increased capacity,

reduced labor, improved quality and production control. When combined with Cencorp line control software, Cencorp production lines are capable of true “lot size of one” flexible production.

Application Experts




Process specific applications are built using Cencorp’s huge application module library and by integrating process units from 3rd party experts. The 1300 FA can be configued both as an stand-alone process unit or linked together with conveyors in a turnkey assembly line. By using proven process modules and a standard platform, Cencorp is able to deliver customized solutions with minimal techanal risk and maximum ROI. Thirty years experience and expertise in automation, assembly processes, and manufacturing strategies, makes Cencorp a valued partner for our customers. With more than 30 years of experience with automation in the electronics assembly and other related industries, Cencorp is your trusted partner for automated assembly and part handling solutions.

Application Library (partial list)

- Conveyor modules - pallet, pcb, tray, flat-belt
- Grippers - servo, pneumatic, vacuum
- Laser systems - marking, welding, cutting
- Feeders – tube, tray, bowl, tape-and-reel
- Screw driving
- Dispensing
- Vision inspection
- Box handling and packing

Developing new products?

Automation is not always easy and straight forward. Excellent results can however be achieved when automation is considered early during the R&D phase. Cencorp offers DFA (design for automation) consulting services as an added benefit to our customers. With a collaborative effort, automation projects are handled so that our customer’s success is guaranteed.

Robots	RS4-551 Spider	C3-A601 6-axis	G6-551 Scara
			
Payload	Nominal 1kg, max 3kg	Nominal 1kg, max 3kg	Nominal 3kg, max 6kg
Applications	All fast processes with vertical assembly and part handling directions	Used to achieve more flexibility without adding product specific modules	Used when product weight exceeds RS4 payload
Typical Processes	Light assembly	Complex assembly	Medium weight part handling and assembly
	Test handling	Part handling where rotation is required	Screw driving
	Sorting		
	Packing	Glue dispensing (complex patterns)	