![europlacer — Surface Mount Intelligence logo]

"A robust yet elegant structure that gives users everything: extremely high feeder count, large board handling, exceptional accuracy and intelligent features throughout."

CONFIGURED TO PERFORM

iineo+ is never having to say no. The platform is equipped as standard to remove the need to compromise. An iineo+ machine is a single elegant structure built on multi core processing technology designed to deal with anything that modern surface mount assembly demands. You can do even more to increase the capacity of your process by adding intelligent options. This lets iineo+ deliver premium performance for any assembly application.

Intelligent features abound in every iineo+ configuration. In its intuitive touch-screen user interface. In its flexible, robust and proven turret placement heads. In its advanced on-the-fly vision. In its built-in component electrical tester. In its intelligent feeder carts. Even in the new operating system and software tools. Integrated Intelligence™ is not just a slogan; it's real. And it makes a difference. Intelligence means efficiency. In turn, that drives productivity.

EXCEPTIONAL CAPACITY

Accuracy and flexibility are a given with the iineo+ platform. Selecting system options to meet production requirements couldn't be easier. iineo+ can deploy one or two turret heads. Each on its own linear motor-driven gantry. Each with integrated digital vision. And each featuring either eight smart nozzles or twelve with the enhanced Tornado head. This gives placement rates up to 30,000 cph. Feeders can be positioned to the front of the machine. Or at the rear. Or both.

iineo+ provides 264 positions for 8mm tapes, an internal waffle tray zone for ten JEDEC trays, plus provision for two 30-channel tray sequencers. With such exceptional on-machine inventory, platform capacity is easy to flex across a wide range of jobs. iineo+ can reduce changeovers between multiple board types and batches. It lets contract manufacturers confidently quote every job, and OEMs produce anything that R&D comes up with.

INTEGRATED INTELLIGENCE

FEEDER TECHNOLOGY

SMART OPTIONS

INVESTMENT PROTECTION

This platform will do everything you need. iineo+ offers exceptional capacity and high throughput that equates to unexpected value.

Europlacer's intelligent feeder technology is deployed across its entire range, including the iineo+ platform. So when inventory changeover is needed, it's fast and simple. A huge variety of fully programmable feeders are available, from quick-load single feeders and bulk feeders to intelligent feeder carts. As any feeder is installed, iineo+ automatically recognises the new component inventory.

Configuring iineo+ with options to suit special assembly applications is straightforward. Options include glue dispense, a fixed camera for large devices, stock management, multi-program optimisation, NPI, and a Track Pack traceability upgrade that includes a live production dashboard and auto-width conveyor. All help to futureproof the iineo+ platform's capability – and that protects your investment.

OPTIONS

Offline storage

Barcode feeders

Bulk feeders

Ball feeders for BGAs

Flux feeder

PoP processing

Tray sequencers

Dispensers

PROMON software

Stock control

Fixed camera

EXTREME CAPACITY. ZERO COMPROMISE.

iineo+

While compatibility and futureproofing remain at the core of Europlacer's development strategy, the Integrated Intelligence™ concept expands the focus beyond the placement platform. It's about process control around the machine and across the production floor. Our expertise in managing this with resources like nearside storage, traceability and NPI secures even greater utilisation and productivity. With that comes lower cost-per-placement.

These cost efficiencies come from using the platform resources more intelligently to work smarter. Multi core processing supports an enhanced touch-screen graphical user interface and streamlines networked platform communication. A lower cost of placement begins with managing the processes that come before a component reel is stored. Or that reel is placed into a feeder. In fact, before an operator even starts the machine.

integrated intelligence™

SPECIFICATIONS

Component range	01005 to 50mm x 50mm	Max board size	1610mm x 600mm
With fixed camera option	99mm x 99mm	iineo I:	1 turret head
Max component height	34mm (31mm wth 12 nozzles)	Max placement rate	15,390 cph
Standard feeders	4mm to 104mm tapes	IPC placement rate	12,550 cph
Standard feeders	stick, tray	iineo II:	2 turret heads
Special feeders	bulk, label, solder ball	Max placement rate	30,000 cph
Feeder capacity	264 positions x 8mm	IPC placement rate	24,200 cph
Internal feeders	matrix trays	Placement accuracy	22μm (QFPs) to 46μm (chips) @ 3 sigma
Placement head	8 or 12 nozzles		

As part of our policy of continuous development, specifications are subject to change without prior notice.