



Huge area for 10 Jeduc trays on the single head machine, without reducing the feeder capacity



Area for 3 Jeduc trays on the dual heads machine, without reducing the feeder capacity

The system can accommodate up to 264 x 8 mm tape positions and, in addition, an internal waffle tray zone allows for up to 10 JEDEC trays on the single head version and 3 JEDEC trays on the dual heads version. **ineo** can also be equipped with one or two 30-channel waffle tray sequencers. Sequencer can be swapped with a tape trolley or a feeder trolley in less than a minute.



Matrix tray sequencer  
30 positions can be fitted  
in front or at the rear



**ineo**

Common specifications:

- Feeder types:
- Tape: 8 – 88mm
- Stick
- Tray
- Specials (labels, solder balls and others on request)

Possible options:

- 1 or 2 heads
- Standard or long pcb's
- Standard or wide pcb's
- Very long / wide pcb's
- Glue dispenser:
- Time pressure or archimedean screw in option
- Temperature regulation
- Electrical test accessible by both heads
- Fixed camera accessible by both heads
- Conveyor auto width adjustment
- Additional nozzle magazine (1 head)
- Special nozzle magazine
- Display and keyboard at the rear

Type	Nbr. of head	Tornado head	Board size (mm)	Board size with sequencer at the rear (mm)	Nbr. of 8mm pos.	Matrix zone (mm)	equiv. Jeduc	Tray sequencer	Max. placement rate
ineo 1	1	No	700 x 460	700 x 405	264	1000 x 490	10	Front or Rear	14 000 cph
ineo 1-T	1	Yes	700 x 460		264	1000 x 490	10	No	15 500 cph
ineo 1-W	1	No	700 x 600		132	1000 x 490	10	Front	14 000 cph
ineo 1TW	1	Yes	700 x 600		132	1000 x 490	10	No	15 500 cph
ineo 1-L	1	No	1000 x 460	1000 x 405	264	550 x 490	7	Front or Rear	14 000 cph
ineo 1-FL	1	Yes	1000 x 460		264	550 x 490	7	No	15 500 cph
ineo 1-LW	1	No	1000 x 600		132	550 x 490	7	Front	14 000 cph
ineo 1-FLW	1	Yes	1000 x 600		132	550 x 490	7	No	15 500 cph
ineo 1-VL	1	No	1610 x 460	1500 x 405	264	no		Front or Rear	14 000 cph
ineo 1-VLW	1	Yes	1610 x 460		264	no		No	15 500 cph
ineo 1-VLW	1	No	1610 x 600		132	no		Front	14 000 cph
ineo 1-VLW	1	Yes	1610 x 600		132	no		No	14 000 cph
ineo 2	2	No	500 x 460	500 x 405	264	460 x 325	3	Front or Rear	26 000 cph
ineo 2T	2	1	500 x 460		264	460 x 325	3	Front or Rear	27 300 cph
ineo 2T	2	2	500 x 460		264	460 x 325	3	No	28 600 cph
ineo 2-W	2	No	500 x 600		132	460 x 325	4	Front	26 000 cph
ineo 2F-W	2	1	500 x 600		132	460 x 325	4	No	27 300 cph
ineo 2F-W	2	2	500 x 600		132	460 x 325	4	No	28 600 cph
ineo 2-L	2	No	700 x 460	700 x 405	264	no		Front or Rear	26 000 cph
ineo 2-L	2	1	700 x 460		264	no		Front or Rear	27 300 cph
ineo 2-L	2	2	700 x 460		264	no		No	28 600 cph
ineo 2-LW	2	No	700 x 600		132	no		Front	26 000 cph
ineo 2-LW	2	1	700 x 600		132	no		No	27 300 cph
ineo 2-LW	2	2	700 x 600		132	no		No	28 600 cph



Ultimate flexibility



# Ready for tomorrow's challenges

The striking *iineo* platform features many improvements to the Europlacer machine range, such as an extremely high feeder count, largest industry board size and increased maximum component height. The platform uses Europlacer's unique Integrated Intelligence™ plus proven core features <highly robust and flexible turret head, intelligent feeders, 3D<sup>PS</sup>, powerful software tools> while introducing new technologies with linear motors and digital cameras.

- ▶ Very high feeder count (264 x 8mm)
- ▶ Huge pcb size (up to 1610 x 600mm)
- ▶ Linear motors
- ▶ Digital cameras
- ▶ User Friendly Graphical User Interface
- ▶ Outstanding productivity
- ▶ On the fly vision
- ▶ Smart nozzles
- ▶ 3D<sup>PS</sup>
- ▶ Feeders and software fully compatible across all Europlacer machines



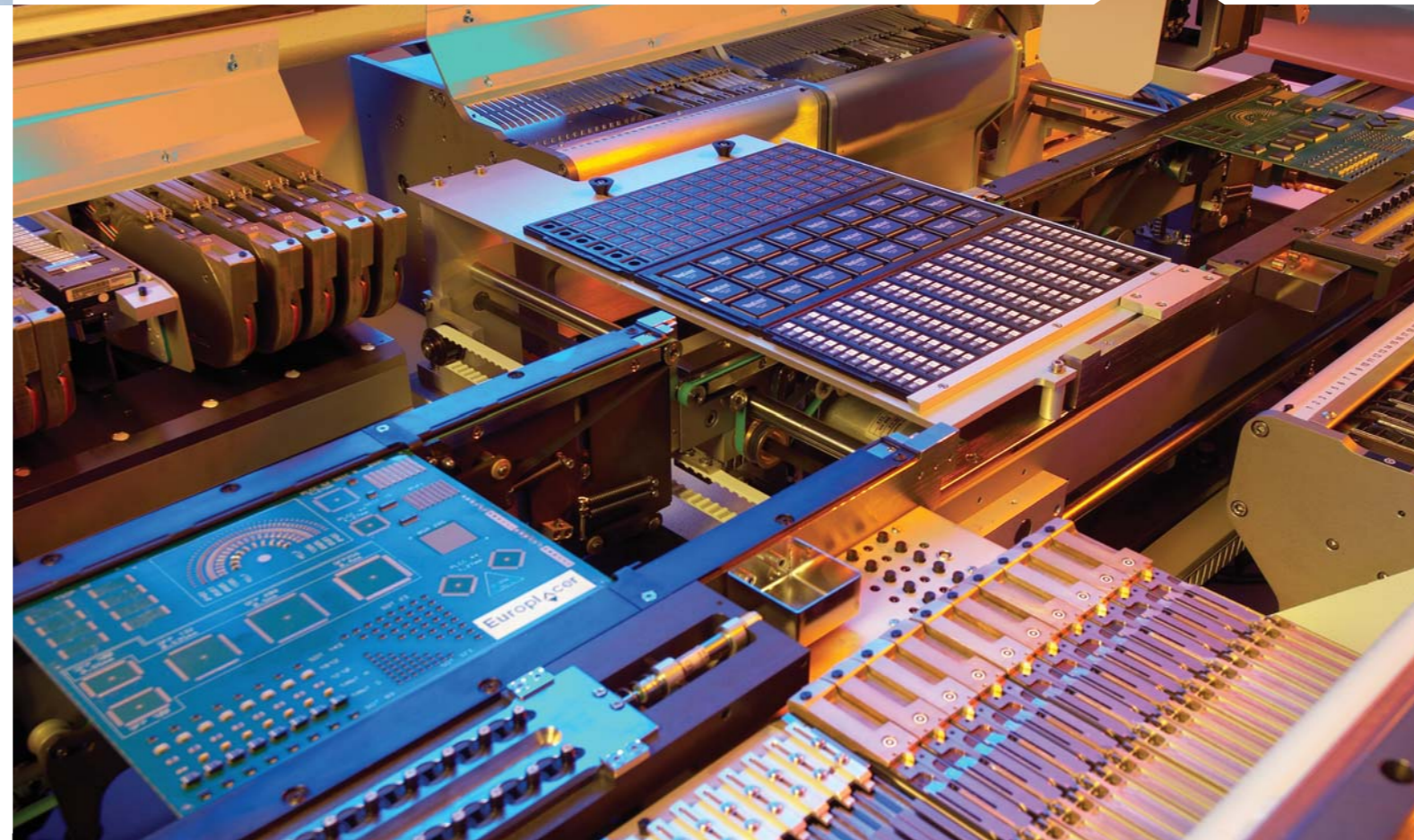
Placement head(s) are fitted with rotary turret head(s) with 8 or 12 pick ups.

Options include glue dispense with or without Archimedean screw, electrical test, fixed camera for large components, conveyor auto-width adjustment, special nozzle magazine, TornadoT head, multi-program optimisation, Production monitoring software (PROMON), intelligent belt feeders for high speed feeding from sticks and much more.

A core objective of the Europlacer concept has always been to protect the investment of its users by seeking upward and downward compatibility of feeders, software, and other ancillaries. This principle also has been applied to the *iineo* SMT platform. It means that current users are able to utilise their existing feeder inventory thereby protecting investment, reducing the configured cost of a new system and ultimately reducing the cost per placement.

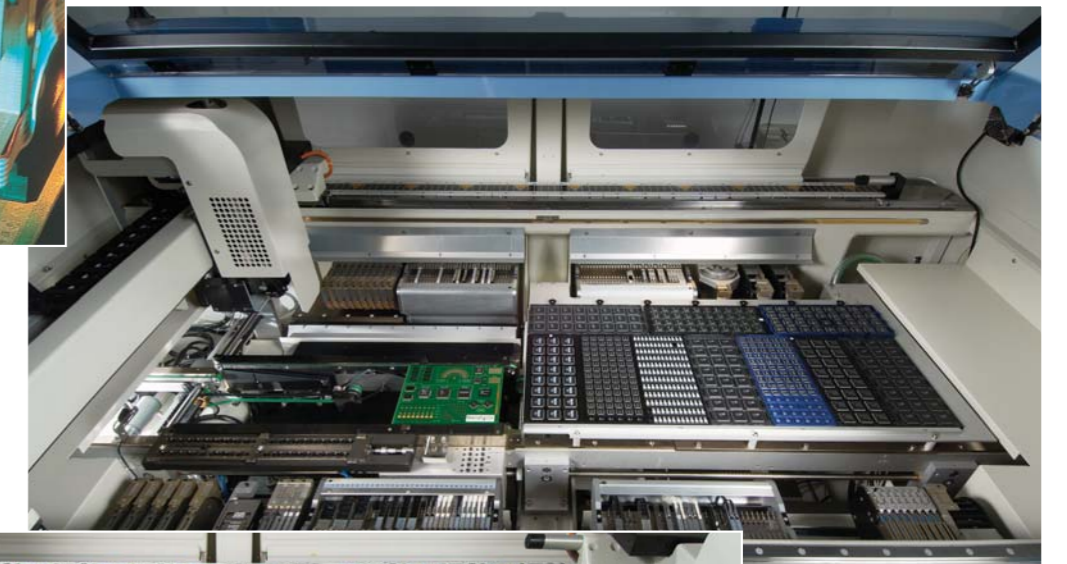
Europlacer's truly intelligent feeder technology is used across the whole range of its SMT placers. Whether using quick-load single feeders or full feeder trolley changeover every feeder is fully programmable with component and inventory data. Once the feeders are loaded, this information is automatically recognised by the machine, which helps make setup and changeover fast and simple.

*iineo* allows 24 different possible configurations

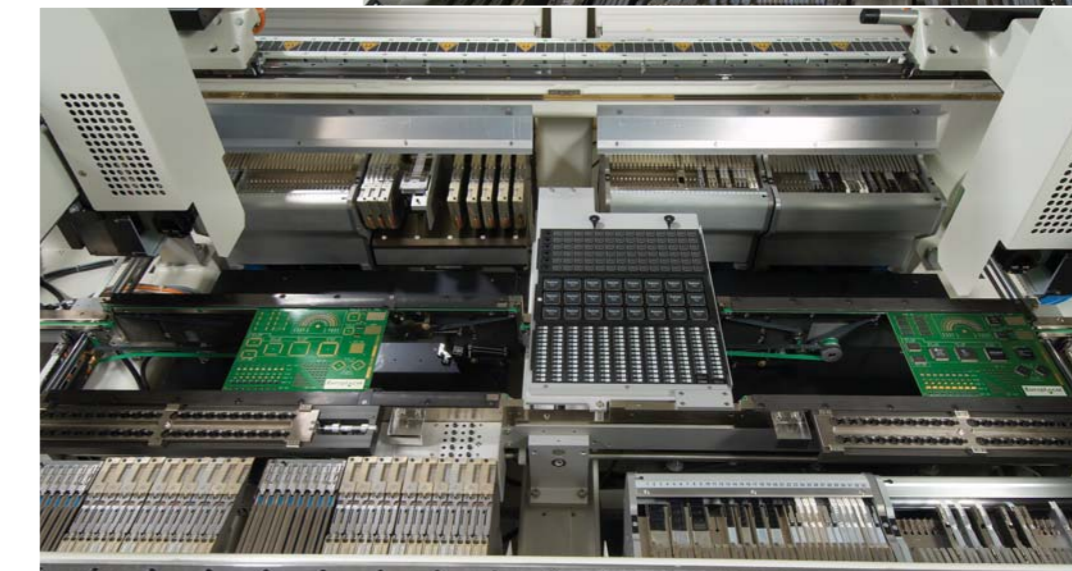


The *iineo* platform allows a wide and clear one or two head configuration.

*iineo* can be accompanied by the latest innovative software such as the multi-job optimisation that determines one set-up for multiple job processing. Because of the high feeder count available, this software option eliminates frequent changeover, optimising delivery and quality performance.



*iineo I*



*iineo II*

### Key configuration options:

- 5 possible head configurations
- 8 possible board sizes up to 1610 x 600mm
- Up to 264 positions 8mm
- Integrated Intelligence
- 3D<sup>PS</sup>

### Key benefits:

- large part inventory on the machine
- massive range of board size facilitates extensive multi-panelling, LED arrays and backplanes
- "silent running", low maintenance axis operation
- highly optimised HMI
- Ultimate flexibility and adaptability

*iineo* is widely configurable, allowing for 24 different machine possibilities:

- Single or dual linear motor gantries including a rotary turret head with 8 or 12 pickup nozzles
- 1 or 2 board positioning mechanisms
- Oversized board options
- Feeders in front and rear, or front only.

Depending on the configuration:

- Tact time can be from 0.128s to 0.257s giving maximum placement rates between 14,000 and 28,000 cph
- Largest PCB size can reach 1610 x 600 mm
- Component range is from 01005 to 70 x 70 mm
- Tallest component can be up to 35 mm height.

