QFPs, BGAs, connectors, heatsinks and any other non-taped devices. The individual tape feeders are able to present these components in a tape or feeder trolley. Sequencers can be programmed online to provide the same intuitiveness as the other feeders in the Europlacer range that make the most of our Integrated Intelligence™ platform. Flexibility delivers truly adaptable platforms that all incorporate Integrated Intelligence™ — a critical part of the PoP process is the management of the correct tape volume of the feeder on any quantity of images within a single panel. For full traceability, 1D and 2D label formats up to 55mm x 55mm in size, we place the label into our standard feeder platform, the bulk feeder solution beneﬁts from Europlacer’s Integrated Intelligence™ platform. In addition to the feeder storage unit, the labels are cut to size and can be sequenced automatically.

INTELLIGENT FEEDER CART

The intelligent feeder cart is a platform that integrates the strengths of Europlacer’s plug-in module architecture with the power of intelligent technology. Each individual feeder can deliver a fully intelligent, user-friendly system that provides all of the beneﬁts of an intelligent feeder. Each individual feeder is virtually indistinguishable from tape or feeder feeders and can be added to or removed from the system at any time.

AS THE CREATORS OF INTELLIGENT FEEDERS, EUROPLACER DESIGNS ITS PLATFORMS AROUND THE FEEDERS TO ENSURE TIGHT INTEGRATION. THE SELLER FEEDER PLATFORM IS THE CENTRAL PLATFORM INTEGRATING THE FEEDER OPTIONS, TRAYS, THE HOLDERS PROVIDE SIGNIFICANT CAPACITY FOR THE PRESENTATION OF AUTO TRAY LOADER

As part of the PoP process in the transmission of Europlacer’s QFPs, BGAs, connectors, heatsinks and any other non-taped devices. They are able to present these components in a tape or feeder trolley. Sequencers can be programmed online to provide the same intuitiveness as the other feeders in the Europlacer range.

INTELLIGENT FEEDER CART

Europlacer’s enduring strength lies in its continuing ability to deliver innovative placement solutions without degrading the legendary ﬂexibility that made the company a household name. This ﬂexibility derives from its ability to work with any controller and SECS interface. It is essential to remember that an intelligent feeder feeding on a standard surface mount pick and place process.

FEATURES 

Europlacer UK

Poole , Dorset BH16 5SL

Upton Industrial Estate

30 Factory Road

Europlacer North America

Tampa, FL 33619

www.europlacer.com

As the creator of intelligent feeders, Europlacer designs its platforms around the feeders to ensure tight integration. The seller feeder platform is the central platform integrating the feeder options, trays, the holders provide significant capacity for the presentation of QFPs, BGAs, connectors, heatsinks and any other non-taped devices. The machine must be able to maintain high throughput rates even when feeders are not installed in an optimised position. The Europlacer turret head and software architecture are instrumental in realising this potential.

The intelligent feeder was developed by Europlacer in 1990. It is now adopted by most manufacturers. The feeder records the component identity, inventory count and pick-up position. It can be variably configured to supply the correct volume of tape or feeder as required transforming any tape or feeder presentation into a tape or feeder delivery. Sequencers can be programmed online or ofﬂine.

INTELLIGENT FEEDER TROLLEYS

INTELLIGENT FEEDER CART

INTELLIGENT FEEDER TROLLEYS

The intelligent feeder cart is designed for the presentation of QFPs, BGAs, connectors, heatsinks and any other non-taped devices. The machine must be able to maintain high throughput rates even when feeders are not installed in an optimised position. The Europlacer turret head and software architecture are instrumental in realising this potential. That’s the foundation of Integrated Intelligence™. Each individual feeder is able to be fully integrated into the system, with all of the beneﬁts of an intelligent feeder. The intelligent feeder cart is designed for the presentation of QFPs, BGAs, connectors, heatsinks and any other non-taped devices. The machine must be able to maintain high throughput rates even when feeders are not installed in an optimised position. The Europlacer turret head and software architecture are instrumental in realising this potential.
in less than a minute. Analysis can be performed on the machine or
This graphical interface lets users automatically create any type of
The programming software features tools to create ready-to-run
The intuitive operator interface to the machine displays more
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The intuitive operator interface for the machine displays more accessible information, achieving a fast set-up and programming on the fly. The tool comprises a new AAS software, providing an easier and more efficient way to set-up and program by automatically creating an optimum placement sequence. The machine also features a SMART vision software, increasing visibility and accuracy in the placement process. In addition, the head comprises a measuring instrument, allowing real-time viewing and local or remote analysis. Statistical data from a machine, a single line, or multiple lines, with Live Mode, allows users to easily locate all components and know the remaining production time. When an error is detected, a test routine validates the component, which automatically compensates for variations in picking altitudes, and components to be positioned anywhere in the machine with a better quality product.

**STANDARD FEATURES**

- **Graphical Interface**: Let's users automatically create any type of information pictorially to give faster access without ambiguity.
- **Intuitive Operator Interface**: Displays more information, achieving a fast set-up and programming on the fly.
- **SMART Vision Software**: Increases visibility and accuracy in the placement process.
- **Measuring Instrument**: Allows real-time viewing and local or remote analysis.
- **Easy Set-up and Programming**: Provides an easier and more efficient way to set-up and program automatically creating an optimum placement sequence.

**COMPONENT ONLINE AUTO-GENERATION**

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**TOTAL TRANSPARENCY**

- **Graphical Interface**: Let's users automatically create any type of information pictorially to give faster access without ambiguity.
- **Intuitive Operator Interface**: Displays more information, achieving a fast set-up and programming on the fly.
- **SMART Vision Software**: Increases visibility and accuracy in the placement process.
- **Measuring Instrument**: Allows real-time viewing and local or remote analysis.
- **Easy Set-up and Programming**: Provides an easier and more efficient way to set-up and program automatically creating an optimum placement sequence.

**COMPONENT ONLINE AUTO-GENERATION**

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STANDARD FEATURES

SOFTWARE INTERFACE

The intuitive operator interface to the machine displays more accurate, faster and easier visualisation of the printout, ensuring the machine performs as expected. All standard features, options and accessories are clearly defined, helping to achieve efficiency and quality production.

COMPONENT ONLINE DATABASE

This graphical interface lets users automatically access any type of information, including CAD, DRC, and component information. The information is described in detail. Analysis can be performed on the machine or new package, including chips, QFPs, BGAs and odd-form components.

The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity.

The intuitive operator interface displays more information. The machine displays larger information and face in time to time while greater placement accuracy.

AI

It is a powerful root-meant that eliminates potential placement issues caused by poor programming or component run-out in production. It automatically adds placement priorities based on component size and stores a best-fit placement for each component. The system uses a best-fit placement algorithm based on a pre-determined algorithm that takes into account all the possible placements.

Mode can analyse data over a specific period. It continually collects and stores all production data. The database is updated daily, allowing real-time viewing and local or remote analysis. Statistical issues can control data from a specified period. Reports, quality data needed for management and reporting, and performance data are visualized by component, product, and user data.

STOCK MANAGEMENT

Stock management is critical for a successful operation. It uses its universal interface and database to import or export data combined with our Lzero and Szero line storage systems, component and line information. It makes it possible to check all parts used on the machine and allows you to trace all parts used for management and reporting. It generates data for each component and pitch. It provides a range of adjustable project and standard options for all applications.

FIXED CAMERA

This high-resolution camera is used to inspect fine lines and pitch components. It fits into the programmer, into the component tester, and into the feeder or feeder positioner. It provides a range of adjustable project and standard options for all applications.

FEEDER SET-UP HELP

Our Multi-Program Optimiser option can create custom loading plans for your PCB layout, allowing you to find the best distribution system and improve throughput. This high-resolution camera is used to inspect fine lines and pitch components. It fits into the programmer, into the component tester, and into the feeder or feeder positioner. It provides a range of adjustable project and standard options for all applications.

COMPONENT TEST

Our Multi-Program Optimiser option can create custom loading plans for your PCB layout, allowing you to find the best distribution system and improve throughput. This high-resolution camera is used to inspect fine lines and pitch components. It fits into the programmer, into the component tester, and into the feeder or feeder positioner. It provides a range of adjustable project and standard options for all applications.

THE UNIFIED SYSTEM

The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity. The programming software features tools to create ready-to-run information pictorially to give faster access without ambiguity.

APPLICATIONS

Europlacer’s component tester is an essential option for the high-volume surface mount lines and back-to-back programming stations. It uses a patented technology to perform component testing, and it can be used in conjunction with any of Europlacer’s SMT machines.

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Every Europlacer feeder is programmable with component and process data. Once a feeder is found, it can be applied to a product configuration and named as required. Each feeder interface is designed to simplify user interaction with the machine. With a typical user-friendly 8.4” segmenting display and a keypad, the operator can select a component to be assembled. The display also shows a live image of the component and the correct position to find the correct component.

Europlacer’s enduring strength lies in its continuing ability to deliver innovative placement solutions without degrading the legendary flexibility that made the company a success. This flexibility delivers truly adaptable platforms that all incorporate Integrated Intelligence™, an inspired concept based on intelligent feeders and intelligent machine functions that integrate seamlessly with external systems.

As the creator of intelligent feeders, Europlacer designs its platforms around the feeders to deliver an incomparably integrated pick and place solution. To benefit fully from intelligent feeders, the machine must be able to maintain high throughput rates even when feeders are not installed in an optimum position. The Europlacer turret head and software architecture are instrumental in realising this potential. That's the foundation of Integrated Intelligence™, and all Europlacer machines are built upon it.

As part of the PoP process is the management of solder deposition. Europlacer's dip fluxer enables reliable assembly of solder balls as part of a standard surface mount pick and place process.

www.europlacer.com
Every Europlacer feeder is programmable with component and inventory data. Once a feeder is loaded, the information is automatically recognized by the machine. This streamlines set up and component changeover.

**Tape Trolleys**

Each trolley comprises 28 channels and can be equipped with any combination of 8mm, 12mm, 16mm and 24mm tape feeders.

**INTELLIGENT FEEDER CART**

INTELLIGENT FEEDER CART

intelligence is a core component of all Europlace feeder technology. Each individual feed card delivers a tiny intelligence, providing the ability to communicate to each other through the Innovative Range that makes the core of our ongoing intelligence™ platform, with the full range of element types available includes an intelligent feeder cart capability.

**INTELLIGENT TAPE FEEDERS**

In-line feeders are installed directly from tape cards and are available in 8mm, 12mm, 16mm and 24mm tape sizes.

**Belt Feeders**

for components in reels, a belt feeder accommodates 50, 100, 200, 500 and 1000 piece components. The same can apply to small sticks and gives fast set-up changeover for the feeder by tray feeders.

**AUTO TAPE UNLOADERS**

The intelligent feeder was developed by Europlacer in 1990. It now adopted by most line manufacturers. The intelligent feeder is a central component of the Europlacer intelligent platform. The intelligent feeder is an inspired concept that has been implemented in all Europlace machines. The intelligent feeder is an inspired concept that has been implemented in all Europlace machines. The intelligent feeder is an inspired concept that has been implemented in all Europlace machines.

**SOLDER BALL FEEDER**

Solder balls provide a fast and consistent delivery of solder balls. They are ideal for high volume production of solder balls. Europlacer’s Solder Ball Unit can be easily integrated into other systems. It provides an effortless delivery of solder balls. Europlacer’s Solder Ball Unit can be easily integrated into other systems. It provides an effortless delivery of solder balls.

**LABEL FEEDER**

Label feeders can be used for components in reels, belt or vibrating base plate feeders.

**BULK FEEDER**

Bulk feeders can be used for components in reels, belt or vibrating base plate feeders.

**FEEDER STORAGE UNIT**

Feeder storage units can be easily integrated into the system via a tape feeder interface using the intelligent cart.

**FEEDER OPTIONS**

Options are subject to change without prior notice.

**FEATURES**

Europe’s enduring strength lies in its continuing ability to deliver innovative placement solutions without degrading the legendary flexibility that made the company a success. This flexibility derives from an adaptable platform that incorporates an intelligent feeder, the intelligent feeder being the key enabling element of the machine. The intelligent feeder is an inspired concept based on intelligent feeders and intelligent machine. Functions that integrate seamlessly with external systems.

As the creator of intelligent feeders, Europlacer designs its platforms around the feeders to deliver an incomparably integrated pick & place solution. To benefit fully from intelligent feeders, the machines must be able to maintain high throughput rates, even when feeders are not installed in an optimum position. The Europlacer turret head and software architecture are instrumental in realizing this potential. That’s the foundation of Integrated Intelligence™, and all Europlacer machines are built upon it.