



## **FP-300**

### **Modular Fineline pick & place disp. + hot air**

Ease of use, ergonomics and price performance were the main criteria when developing the new Fineline modules. Modules can be combined to create a simple unit where components are placed using a vacuum pipette. The FP-300 is equipped with a dispenser and a hot air pencil.

The Fineline module FP-300 is a manual pick and place system with an integrated dispense unit and a hot air pencil. It combines all features of today's manual pick and place systems in one system. The FP-200 is equipped with the DIMA Easyglide™ X, Y guiding system that allows exact positioning of the pick and place head. The Sensatip™ pick and place head ensures that even difficult components can be picked just by touching the component.

The Modular Fineline systems have to be combined with at least a PCB holder. Depending on the application an extra carousel or a base plate for tape or stick feeders can be added.



### **Control unit**

All required controls are housed in the centre of the Fineline. This brings all controls within reach of the operator and informs the operator about the status of the Fineline.

### **Pick and place head**

The pick and place head movement is extremely light and its ergonomically design ensures relaxed placing of components without having to force your hand in to an uncomfortable position. Vacuum is automatically switched on and off by touching the component with the nozzle, pick and place nozzles can easily be changed without tools and components can be rotated over 360 degree.

### **Carrousel**

The carrousel offers place for 45 bins. normally the unit comes with 25 one compartment C-mos bins and 25 two compartment C-mos bins ( other combinations are possible). This allows you to store up to 90 different components in one carrousel. Carrousels can be changed without tools. The carrousel is covered with a conductive clear PVC cover that opens only one bin to avoid components to fall in to an other bin.



**Specifications:**

Dimensions : **500x760x300mm**  
: **20x30x12 Inch**

Max PCB dimensions : **20 Kg**  
: **110 / 220 Vac 70 W**  
: **6 Bar / 85 PSI**  
: **See Boardholder**  
: **See Boardholder**  
: **1x1 / 25x25mm**  
: **0.04x0.04 / 1x1 Inch**  
: **upto 800 cph**

