

# N115 PCB Nibbler

**FKN Systek**

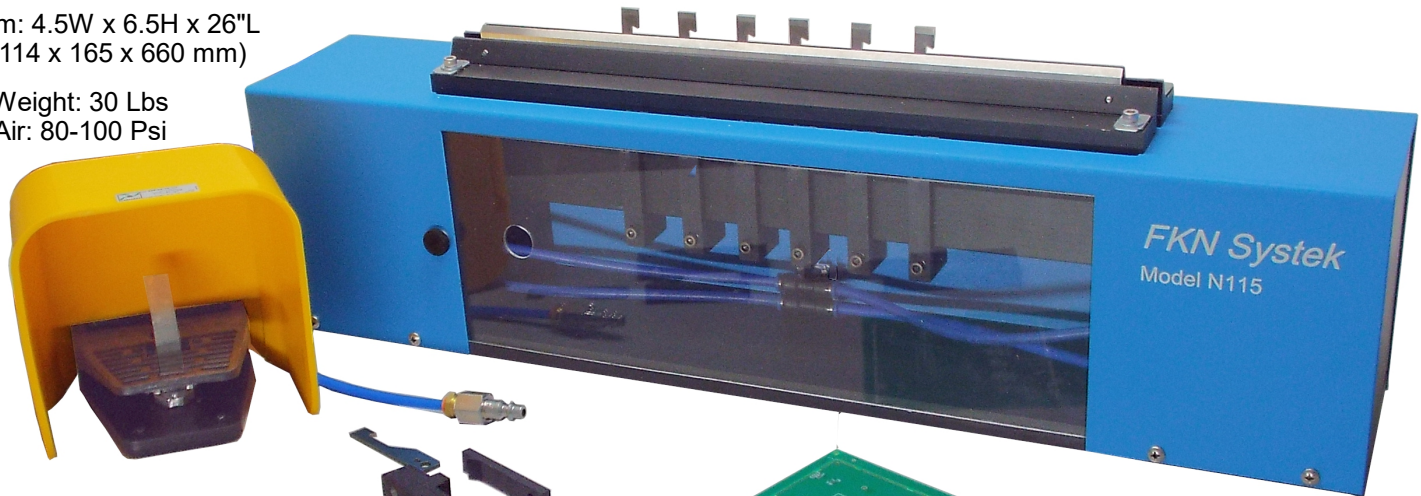
Tools for Electronics Assembly

## Singulate Straight Tab Routed Panels

Cut up to 10 tabs in a row in one stroke

Dim: 4.5W x 6.5H x 26"L  
(114 x 165 x 660 mm)

Weight: 30 Lbs  
Air: 80-100 Psi



**Cut tabs up to .324"**

**Available with 3 blade types.**

**Easy blade change in under 5 minutes**

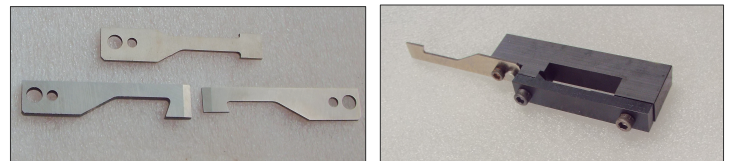
**Clean cut - requires no rework for de-burring PCB edges**

**Store cut tabs inside tool for discarding at operator convenience.**

The N115 is a pneumatic punch designed to singulate one row of tabs in a rectangular tab routed panelized printed circuit card. Two 15" long sharp support blades and multiple adjustable Nibbler blades are set to singulate a row of up to 10 tabs at a time. Blades are available in standard .062" and .092" thicknesses. Custom thicknesses can be ground to request. This configuration can handle a first to last tab distance of 14."

The blades are mounted on adjustable slide clamps which can be positioned to match a row of tabs. The operator places the routed PCB sections over the blades and slides it forward so the tabs are under the edge of the cutting blade. Stepping on the foot pedal brings the blades down to cleanly separate the tabs in one operation. Cut tabs are stored inside the machine and can be expelled as needed. A clear acrylic cover on the side of the tool makes the scrap easily visible to the operator.

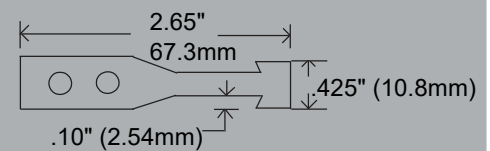
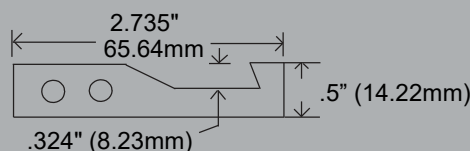
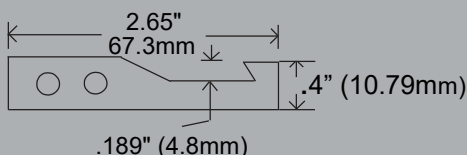
**Blades** are available for a variety of tab sizes and routing thicknesses. Standard thicknesses are .062" (1.5mm), .093" (2.375mm) and .120" (3mm). The standard blade will cut tabs of .189" (4.8mm). For longer tabs the .324" (8.22mm) blade can be used. A double edged blade is available for applications where it is necessary to cut in both directions. Standard blades are made of high speed tool steel. For longer life on thinner routed sections, blades are also available in Titanium. Blades can be ground to custom dimensions on request.



### Blades

Standard blades available at .063", .093. and .120"

For Blades made of titanium add - T to part number.



### Standard

97-0102N .062" (1.5mm)  
97-0105N .093" (2.375mm)  
97-0106N .120" (3mm)

### Long Tab

97-0202N .062" (1.5mm)  
97-0205N .093" (2.375mm)  
97-0206N .120" (3mm)

### Double Edge

97-0302N .062" (1.5mm)  
97-0305N .093" (2.375mm)  
97-0306N .120" (3mm)