

# Accu-Bend FREEDOM

## REQUIREMENTS, SPECIFICATIONS AND LAYOUT

### I. Requirements

- A. Air  
Clean, dry shop air (free of water and oil)  
80 and 120 PSI (6.2 to 8.25 bar).  
1 CFM (.02832 cu m/min)  
¼ inch (6mm) ID minimum air hose with a standard female quick disconnect fitting.
- B. Electric  
All electrical connections must be grounded.  
For 120 VAC locations: A standard dedicated 120V 20A outlet.

### II. Specifications

- A. Material Type  
.040 Thick aluminum coil
- B. Material Size  
Minimum height - 3 inches  
Maximum height – 5.3 inches  
Minimum thickness - .032  
Maximum thickness - .040
- C. Coil Size and Weight  
Maximum diameter – 25.5 inches  
Maximum weight – 75 lbs
- D. File Types  
Enroute Basic 5.0 or later  
DXF Lines and Arcs file type
- E. Computer (Included)  
Windows 10 – 64 bit
- F. Speeds  
Maximum Feed Speed – 120 inches/minute
- G. Arm and Flange Specifications  
Standard Arm  
Bends in same direction minimum 0.75 inches (15.8mm)  
Bends in opposite directions minimum 1.5 inches (33mm)  
Flange size 0.50 inches (12.5mm) approximately (+/- 0.050)

H. Machine Size and Weight  
Shipping Box Dimensions & Weight

BOX 1  
31.5 inches x 36 inches x 12 inches high  
35 pounds

BOX 2  
26.5 inches x 43 inches x 24 inches high  
150 pounds

Machine Dimensions

MACHINE ONLY(with coil table in upright storage position)  
22.25 inches x 37 inches x 29 inches high

MACHINE with COIL TABLE down  
26 inches x 62 inches x 35 inches high

Minimum work surface area needed for operation: 26 inches deep x 62 wide

