



## ECODYNAMICS PRECIFAB PRODUCTS AND CAPABILITIES

### **TRUMPF 3040 4 KW FIBER LASER- + or – .002 TOLERANCE.**

Maximum Sheet Dimensions: X 4,000 mm = 160 in Y 2,000 mm = 80 in

Standard US Sheet dimension: X 12' x Y 6' (3656 x 1828)

Max one piece nesting: X 3636 x Y1808 (143.14in x 71.18)

#### **Maximum Material Thickness for processing:**

- Carbon Steel: 25 mm = 1 in
- Stainless Steel: 20 mm = ¾ in
- Aluminum: 20 mm = ¾ in
- Copper: 8 mm = 0.31 in
- Brass: 8 mm = 0.31 in
- Titanium: On Request

#### **TruTops Boost supported CAD Files:**

- AutoCAD: DWG; DXF
- Autodesk Inventor IPT
- Step STP
- Solidworks SLDPRT
- Many others on request
- Detail Extraction from DXF drawings

### **TRUMPF 3120 4 AXIS PRESS BRAKE**

Approximate Bending Capabilities Carbon Steel: See bend chart

### **TRUMPF 5320 5 AXIS PRESS BRAKE**

The largest Trumpf CNC press brake in the Rocky Mountain Region. See bend chart for unit capabilities with all types of metal. Currently forming parts up to 3/8" thick and 12 foot in length.



### **DAVI MCA 3028 4 ROLL CNC PLATE ROLL**

Approximate Plate Rolling Capabilities: Cone rolling: yes - up to 10 feet, 10 mm (3/8 inch) mild steel pre-bend; 13 mm (1/2 inch) mild steel rolling. Minimum ID 600 mm (24 inch) –

Lemas Roll: up to 6 feet 5 mm (3/16 inch) mild steel; minimum ID 180 mm (7 inch) –

### **DOOSAN PUMA CNC LATHE**

Capabilities: Inquire

### **FLIGHT FORMING MACHINE CNC**

Capabilities: for pitch and diameters see forming chart. Materials up to 25 mm

### **CUSTOM DESIGN ASSISTANCE: AUTODESK INVENTOR PROFESSIONAL SUITE**

Services: Engineering and design

### **WELD SHOP**

Services: inquire for each request

### **GLOBAL SPECS DOWNDRAFT PAINTBOOTH WITH CURE CYCLE**

Capabilities: Inquire for each request

### **BENDMAK HYDRAULIC PROFILE BENDING MACHINE CNC**

Capabilities: Inquire for each request.

### **HYDRAULIC SHEAR- STANDARD AS-500-10**

Shear up to 10 foot pieces, up to 1/2 inch mild steel to your specifications.



### **HYD.MECH, M20A PROGRAMMABLE BAND SAW**

Capabilities:

Round- up to 20 inch

Rectangular- 20" X 30"

45 degree cuts- round up to 20 inch, Rectangle 18" X 20"

30 degree cuts- round up to 12 inch, Rectangle 12" X 20"

### **TRADITIONAL MACHINE SHOP AND MACHINISTS ON STAFF-**

Capabilities: Please Inquire.