

**Matandy Steel and Metal Products  
CWP Trapezoidal Shearing Line  
Equipment Specifications and Processing Capabilities**

8/3/04

**Input Material Data**

Material Type	Cold Rolled and Coated Products <b>(NO HOT ROLLED)</b>
Maximum Tensile Strength	50,000 PSI
Maximum Yield Strength	45,000 PSI
Minimum Thickness	0.015"
Maximum Thickness	0.050"

**Coil Specifications:**

Maximum Entry Coil Weight	8,000 LBS.
Maximum Entry Coil O.D.	60"
Minimum Entry Coil OD	N/A
Maximum Entry Coil Width	36"
Minimum Entry Coil Width	4"
Entry Coil I.D Range	20"

**Feed Length & Shearing Accuracies:**

Servo Roll Feed Accuracy	+ / - 0.005"
Shear Angular Positioning Range	+ / - 35° (w/respect to right angle cross cut)
Shear "Cut Angle" Accuracy	+ / - 0.5°

**Additional Features:**

Entry Straightener for eliminating coil set  
Bow-tie shear blade to enhance center-line setups and angular cut accuracy