

## Matandy Steel and Metal Products

### 60" Wide Cut-To-Length Line – Equipment Capabilities

7/11/02

#### **Input Material Data:**

Low Carbon, Mild Steel	
Maximum Tensile Strength	50,000 psi
Maximum Yield Strength	40,000 psi
Maximum Thickness	0.105"
Minimum Thickness	0.015"

#### **Input Coil Data:**

Maximum Coil Weight	20,000 lbs.
	<b><i>(Note: 12,000 lb due to material handling equipment)</i></b>
Maximum Coil Width	61.000"
Minimum Coil Width	6.000"
Inside Coil Diameter	20" & 24"
Maximum Coil Outside Diameter	68.000"
Minimum Coil Outside Diameter	Full Range/No Limit

#### **Finished Sheet/Skid Data:**

Maximum Sheet Length	144.000"
Minimum Sheet Length	15.000"
Maximum Stack Height	21.000" (Including Skid)
Maximum Stack Weight	10,000 lbs.

Sheet Length Accuracy:	+/- 0.030"
Sheet Diagonal Squareness	+/- 0.060"

#### **Shape Correction:**

Removal of coil set only via a large roll diameter straightener  
(no ability on line to remove other shape problems such as edge wave,  
quarter buckle, center buckle, cross bow and/or twist).