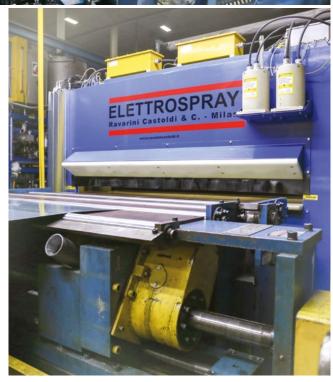




Slitting

Specifications	75" Chicago Slitter		
	Imperial	Metric	
Material thickness (min/max)	.023"/.187" @ .187 5 Mults Maxi.	.5842mm/4.7498mm @ 4.7498 5 Mults Maxi.	
Coil width (min/max)	20"/75" entry, 2"/ 74.50" exit	508mm/1905mm entry, 50.8mm/ 1892.3mm exit	
Coil weight (entry/exit)	65,000#/65,000#	29,484kg/29,484kg	
Entry coil ID range	20" - 24"	508mm - 609.6mm	
Entry coil OD	30" to 84"	762mm to 2133.6mm	
Exit coil ID	20"/24"	508mm/609.6mm	
Exit coil OD	30"/84"	762mm/2133.6mm	
Rolling Direction	Over and Under		
Packaging line weight (max)	20,000# 9,071.8kg		
Oiling capability	Electrostatic 3 Tanks		
Dry Lubing Capabilitiy	Electrostatic Ravarini Unit		
Line Stenciling	Matthews 3 Head Unit		
X-Ray Gauging	Printable Gauge charts		
Vision System	Proprietary Visual Inspection System		



Blanking

Cut to Length Blanker

Rectangles, Trapezoids

Specifications	75" CTL		Services Laboratory	A2LA Accredited ISO 17025
	Imperial	Metric		
Material thickness (min/max)	.024"/.060 @ 45K Max yield AHSS blade will cut up to 105k max yield (no shape correction) .046 to .070 Straightening only	.6096mm/1.524 @ 45K Max yield AHSS blade will cut up to 105k max yield (no shape correction) 1.1684 to 1.778 Straightening only	Chemistry	
Coil width (min/max)	20"/75"	508mm/1905mm	Surface Roughness	
Coil weight	75,000#	34,019kg	Grain Size	
Entry coil ID and OD Range	ID 20-24" OD 30-84"	ID 508-609.6mm OD 762-2133.6mm	Inclusion Rating	
Line speed at leveler/flattener (max)	300 fpm		Coating weights	
Sheet length (min/max) end stacker	20"/186"	508mm/4724.4mm	Coating Adhesion	
Stack height (max) end stacker	26"	660.4mm		
Stack weight (max) end stacker	30,000#	13,608kg		
Washing and Heated Jet dry	Hot Water Wash and Dry			
Electrostatic Oiler	3 holding tanks			
Special Capabilities	Straight, Traps and Parallelograms. +/- 30 degrees			

 $^{^{\}star}\,$ Maximum Leveling capabilities will be determined by Gauge and Material strength.



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- Aluminum Processing Services: 3XXX and 5XXX Series Common Alloys, Heat-Treatable Automotive Alloys









Press Blanking

Specifications	75" Chicago Maxisota Press	
	Imperial	Metric
Material thickness (min/max)	.024"/.060 @ 45K Max yield .046 to .070 Straightening only	.6096mm/1.524 @ 45K Max yield 1.1684 to 1.778 Straightening only
Coil width (min/max)	24"/75"	609.6mm/1905mm
Coil weight	75,000#	34,019kg
Entry coil ID and OD range	ID 20"/24" OD 30" - 84"	ID 508mm/609.6mm OD 762mm - 2133.6mm
Press tonnage	800	725.75 metric tons
Die space L-R x F-B	204" x 108"	5181.6mm x 2743.2mm
Stroke of slide	12"	304.8mm
Shut height (min/max)	18"/50"	457.2mm/1270mm
Pass line above bolster (min/max)	30"/38"	762mm/965.2mm
Stacker locations	Inline and hand stack side out	
Sheet length (min/max) end stacker	20"/186"	508mm/4724.4mm
Stack height (max) end stacker	30"	762mm
Stack weight (max) end stacker	20,000#	9,071.8kg
Hot Water Washing & Drying System	Class 1 Surface	
Electrostatic Oiler	3 Holding Tanks	
Special Capabilities	Straight, Traps and Parallelograms. +/- 30 degrees	

 $^{^{\}star}\,$ Maximum Leveling capabilities will be determined by Gauge and Material strength.





Lab Services

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- Tensile testing ASTM, JIS, EN standards with n,r,k values
- Raw tensile curve data collection and output
- Chemical analysis of steel via OES
- Advanced Metallography and Microscopy
- Steel bake-hardenable evaluation
- Surface Roughness
- · Rockwell Hardness testing
- Coating weight and adhesion evaluation
- Defect analysis
- Forming analysis circle grid and ultrasonic thin out

