

LITE LINE

Equipment Capacity

Material: Hot rolled Mild Steel
Cold rolled Mild Steel
Galvanised

Product Quality:

Surface condition and coating:

Strip Material Strength

	Minimum	Maximum
Yield Strength	N/A	35kg/mm ²
Yield Limit	N/A	N/A
Shear Strenght	N/A	50kgms/mm ²
Elongation	N/A	N/A
Strip Width	600mm	2000mm
Strip Thickness	0.5mm	3.2mm
Steel Flatness	N/A	

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Coil Dimensions

	Minimum	Maximum	
Coil Weight	N/A	25000kg	
Coil Outer Diameter	N/A	2100mm	760mm
Coil Inner Diameter	508mm	610mm with filler segments	760mm
Decoiling strip tension		N/A	

Strip Thickness

	Minimum	Maximum	Material	Yield Stress	Shear Stress
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A

Slitting Capacity

	Minimum	Maximum
Edge Trim Width	N/A N/A	N/A N/A
Edge Trim Tolerance	N/A N/A	N/A N/A

Sheet and Stacking Capacity

	Minimum	Maximum	
Sheet Length Stacker 1	600mm	4500mm	400mm min with assistance
Sheet Length Stacker 2	600mm	6000mm	400mm min with assistance
Scrap Length	N/A	N/A	
Stacking Capacity	1 x 8000mm long x 2000mm wide packs		
Stacking	5000kg maximum uniformly distributed		
Pack Height	N/A N/A N/A	600mm N/A N/A	Including Pallet

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Line Speeds

	Minimum	Maximum	
Coil Carraige	N/A	N/A	
Infeed	N/A	10m/min	
Leveller	0m/min	90m/min	
	N/A	N/A	
Roll Feed	0m/min	120m/min	
Shear Rate	0Cuts/min	60Cuts/min	
Exit Conveyor/Stacker	0m/min	150m/min	
Stacker rollways	N/A	N/A	
Line Speed	0m/min	90m/min	
	0m/min	60m/min	With Processor Roll

Shear Capabilities

	Minimum	Maximum	
Cutting length	250mm	4500mm	
Cutting Speeds	Cut Length(mm)	Cuts/min	Leveller Speed (m/min)
	600mm	60	36
	1000mm	51	51
	2000mm	33	66
	3000mm	27	81
	4000mm	22	88
	4500mm	20	90
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A

Lenght Tolerance

	Standard deviation as per DIN 55302		
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A

Squareness