

RSDC

Steel and Aluminum Processing



GLOBAL METAL SOLUTIONS

The RSDC is a world-class processing and distribution center.

MISSION STATEMENT:

RSDC's commitment is to exceed our customer's expectations for quality products and environmental compliance by supplying defect free products on time. We accomplish this with our world class facility, decentralized decision making and the continual improvement of our products, processes and the environment.

SUPPLYING PRODUCT

RSDC's 625,000 square-foot, TS 16949 and ISO 14001 certified facility is a single source for purchased blanks and slit coil. With superior quality and just-in-time delivery, this centralized facility increases efficiency, quality and competitiveness.

The ultra-modern facility is handling one million-plus metric tons of steel and aluminum annually through its proven just-in-time delivery system.

Our advanced real time computer network manages the complete supply chain with EDI and bar coding systems. A secure on-line inventory control system allows customers to view and order product at any time.

WORLD-CLASS FACILITIES

Additional features of RSDC's facility include state-of-the-art blanking, cut-to-length, slitting, and off-line blank washing equipment; positive air-pressure-humidity control building; sealed floors; recessed driveways; 50-car rail spur (daily capacity); 14 overhead cranes; equipment capable of handling 45-ton coils; state-of-the-art transportation equipment for easy loading and unloading; and on-site material disposition for customers.

RSDC TEAMWORK

Our primary assets are dedicated and experienced associates. RSDC practices Decentralized Decision Making, actively using teamwork for continual improvement.

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BLANKING LINE SPECIFICATIONS

	BLANKING LINES 1 & 2	BLANKING LINE 3	BLANKING LINE 4
Material Type	Electrogalvanized, Hot Dipped, Galvanneal, Cold Rolled (class 1 & 2) Aluminum	Electrogalvanized, Hot Dipped, Galvanneal, Cold Rolled (class 1 & 2)	Hot Dipped, Galvanneal, Cold Rolled (class 2)
Material Gauge	0.5 mm (0.020") MIN to 2.3 mm (0.090") MAX	0.5 mm (0.020") MIN to 2.3 mm (0.090") MAX	0.5 mm (0.020") MIN to 3.47 mm (0.125") MAX
Coil Weight	40.8 Metric Tons (90,000 lbs.)	40.8 Metric Tons (90,000 lbs.)	40.8 Metric Tons (90,000 lbs.)
Coil Width	457 mm (18") MIN to 1930 mm (76") MAX	457 mm (18") MIN to 2134 mm (84") MAX	457 mm (18") MIN to 1930 mm (76") MAX
Sheet Length	305 mm (12") MIN to 4013 mm (158") MAX	305 mm (12") MIN to 4013 mm (158") MAX	Reviewed Case by Case Hand stacking only
Feed Accuracy	+/- 0.25 mm (0.10") Set Value	+/- 0.25 mm (0.10") Set Value	+/- 0.25 mm (0.10") Set Value
Electro-Static Oiling	25 - 300 mg / sq. ft. (two sided)	25 - 300 mg / sq. ft. (two sided)	N/A

CUT TO LENGTH LINE SPECIFICATIONS

Material Type	Electrogalvanized, Hot Dipped, Galvanneal, Cold Rolled (class 1 & 2)	Electrogalvanized, Hot Dipped, Galvanneal, Cold Rolled (class 1 & 2) Aluminum
Material Gauge	0.5 mm (0.020") MIN to 2.3 mm (0.090") MAX	0.254 mm (0.010") MIN to 3.429 mm (0.135") MAX
Coil Weight	40.8 Metric Tons (90,000 lbs.)	40.8 Metric Tons (90,000 lbs.)
Coil Width	457 mm (18") MIN to 1930 mm (76") MAX	914 mm (36") MIN to 2134 mm (84") MAX
Feed Accuracy	+/- 0.25 mm (0.10") Set Value	-
Slitting Exit Width	-	101 mm (4") MIN to 2121 mm (83.5") MAX
Slitting Tolerances	-	+/- 0.127 mm (0.005") for gauges 0.254 mm - 2.31 mm & widths up to 2133 mm +/- 0.254 mm (0.010") for gauges 2.31 mm - 3.43 mm & widths up to 2133 mm
Electro-Static Oiling	25 - 300 mg / sq. ft. (two sided)	25 - 400 mg / sq. ft. (one sided)
Entry/Exit Coil ID	-	508 mm (20") and 609 mm (24")
Entry/Exit Coil OD	-	914 mm (36") and 2134 mm (84")
Sheet Length	305 mm (12") MIN to 4013 mm (158") MAX	-
* Shut Height for all:	1270 mm (50")	-
* Pass Line Height for all:	762 mm (30")	-

SLITTER LINE SPECIFICATIONS

OFF-LINE WASHER SPECIFICATIONS

Material Type: Electrogalvanized, Hot Dipped, Galvanneal, Cold Rolled (class 1 & 2) Aluminum
 Material Gauge: 0.5 mm (0.020") MIN to 2.3 mm (0.090") MAX
 Pallet Weight: 13.6 metric tons (30,000 lbs.)
 Sheet Width: 457 mm (18") MIN to 2134 mm (84") MAX
 Sheet Length: 609 mm (24") MIN to 3692 mm (145") MAX
 Electro-Static Oiling: 25 - 300 mg / sq. ft. (two sided)

BUNDLE TURNOVER SPECIFICATIONS

Lift Weight: 16.3 metric tons (36,000 lbs.)
 Max Stack Height with dunnage: 1371 mm (54")
 Max Width: 2133 mm (84")
 Max Length: 4013 mm (158")
 Pass Line: 914 mm (36")



An Affiliate of MISA

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