

Zinc/Zinc-Alloy/Aluminum Continuous Sheet Coating Lines - North America

Colour Code → Operating HD Lines

EG Lines

Under Construction

Idle Lines

METRIC (SI) VERSION

(Master Sheet - CoatingLinesInLb sheet calculates sizes and tons from this sheet)

Producer	Location	Line ID	Date Built	Latest Rebuild	Thickness (mm)		Width (mm)		Furnace Type(*)	Annual Hot-Dip Capacity - metric tonnes (MT)					Annual EG Capacity - MT				Roll Coatings	Total Company Hot-Dip - MT	Annual Znc Usage - Znc	Comments				
					Min	Max	Min	Max		GI only	GA/GI	AZ	GF	AL	Total	Zn	Zn-Ni	Zn-Fe					Total			
AK Steel Corp	Ashland, KY	#3	1967	1982	0.43	2.0	610	1524	V-DFRT	-	336,000	-	-	-	-	336,000	-	-	-	-	-	-	2,631,000	14,300	Induction GA; nitrogen wiping. <b>AK analysts call 1/28/19 : Ashland Works (CGL) will close by end of 2019</b> Exposed GI, GA; AHSS; Severstal NA to 2014 Gravitel process, 21 plating cells Nitrogen wiping; not automotive exposed 2 coreless pots; Aluminized type I, II and stainless Max speed 750 fpm, coil weight 70,000 lb.; Widest NAFTA Ctg line	
	Dearborn, MI	#1	2011	2016	0.57	2.7	863	1829	V-RT	-	454,000	-	-	-	454,000	-	-	-	-	-	-	11,000				
	Middletown, OH	#2 EG	1991	1995	0.48	1.9	-	1900	NA	-	-	-	-	-	-	-	454,000	-	-	-	-	-		10,000		
		#3	1961	2002	0.53	3.5	810	1880	H-DFRT	508,000	-	-	-	-	-	508,000	-	-	-	-	-	-		22,000		
		#4	1971	-	0.38	3.5	610	1575	V-DFRT	-	-	-	426,000	-	-	426,000	-	-	-	-	-	-		0		
	Rockport, IN	CGL	1998	2003	0.46	2.0	1040	2032	V-RT	-	907,000	-	-	-	-	907,000	-	-	-	-	-	-		29,000		
ArcelorMittal	Burns Harbor, IN	HDCL	1992	-	0.51	2.0	915	1829	V-RT	-	550,000	-	-	-	550,000	-	-	-	-	-	-	-	4,613,000	18,000	Converted LTV CAL to auto CGL; added GA '07; electromag. Stabilizer, 1000 fpm drives L-S II EG line converted to CGL; 100% GA, 2 main pots + pre-melt; e-mag stabilizer <b>IDLE</b> - May convert to GI after #4 fully capable on AZ Gas fired GA furnace installed 1989 Dual pots, cleaner for FH AZ, Blowstab APC Originally "DSG", a Dofasco/Usinor(Sollac) 80/20 JV; exposed GI & GA; AHSS Began operating 2015 (GI, GA, HR HDG, AHSS) 100% AM Dofasco 2013, formerly JV with JFE Steel; formerly DNN Galvanizing renamed DJ Galvanizing Corp. in '04; premelt pot '97 Gas fired GA; horizontal fce. <b>IDLE</b> - Gas fired GA; hot bridge & new RT furnace 1997, ceramic tubes; formerly ISPAT-Inland Formerly Sorevco; 1kg ctg wt golf ball finish; induction GA, Cr <sup>3</sup> & Cr <sup>6</sup> CT	
	Cleveland, OH	HDGL	2006	2013	0.55	2.5	990	1830	V-DFRT	-	650,000	-	-	-	650,000	-	-	-	-	-	-	-		25,000		
	Columbus, OH	HDGL	2000	2005	0.50	1.7	800	1829	V-RT	-	400,000	-	-	-	400,000	-	-	-	-	-	-	-		19,950		
	AM Dofasco Hamilton, ON	#1	1955	1995	0.25	2.3	610	1293	H-DFRT	-	-	-	-	-	0	-	-	-	-	-	-	-		-		0
		#3	1967	2005	0.20	1.1	610	1321	H-DFRT	-	220,000	-	-	-	-	220,000	-	-	-	-	-	-		-		12,000
		#4	1981	2016	0.25	2.3	610	1538	H-DFRT	135,000	-	135,000	-	-	-	270,000	-	-	-	-	-	-		-		11,000
		#5	1999	2003	0.51	2.0	863	1829	V-RT	-	49,000	-	-	-	-	49,000	-	-	-	-	-	-		-		7,300
	ArcelorMittal Windsor Windsor, ON	#1	1993	2017	0.40	2.1	610	1829	V-DFRT	-	440,000	-	-	-	-	440,000	-	-	-	-	-	-		-		6,000
	Indiana Harbor-West, East Chicago, IN	#2	1963	2016	0.38	4.8	610	1830	H-DFRT	-	577,000	-	-	-	-	577,000	-	-	-	-	-	-		-		28,800
	Indiana Harbor-East, East Chicago, IN	5 CGL	1968	2004	0.51	2.5	610	1830	H-RT	-	0	-	-	-	0	-	-	-	-	-	-	-		-		0
AM Coteau-du-Lac Coteau-du-Lac, PQ	31	1991	1995	0.23	3.4	610	1372	H-DFRT	-	230,000	-	-	-	-	230,000	-	-	-	-	-	-	-	7,000			
AM/NS Calvert (JV of Arcelor Mittal Steel and Nippon Steel & Sumitomo Metal Corp.)	Calvert (Mobile), AL	HDGL1	2011	2015	0.50	2.3	920	1870	V-RT	-	500,000	-	-	-	500,000	-	-	-	-	-	-	-	1,520,000	-	GI, (Zn-Al-Mg?), GA; DEMCO e-mag stabilizer; 2 main pots; side trim; Drever furnace w/oxidation control chamber GI, GA (likely begins production 2014, after sale- included in totals); 2 main pots GI, 55AlZn, Al-Si; CMI-EFCO; side trim: 2 main pots, 1 pre-melt; space for future 3rd main+ pre-melt. <b>Aluminizing announced April 16</b>	
		HDGL3	2012	2015	0.50	2.5	800	1670	V-RT	-	500,000	-	-	-	500,000	-	-	-	-	-	-	-		-		
		HDGL4	2011	2014	0.30	2.5	800	1670	L-DFRT	220,000	-	-	-	300,000	520,000	-	-	-	-	-	-	-		-		
Big River Steel	Oseola, AK	HDGL	2016	-	0.36	3.0	915	1850	V-DF H-RT	400,000	-	-	-	-	400,000	-	-	-	-	-	-	-	-	12,000		
California Steel Industries	Fontana, CA	#1	1966	1999	0.38	4.3	610	1524	H-DFRT	-	430,000	-	-	-	430,000	-	-	-	-	-	-	-	730,000	12,000	Subsidiary of JFE Steel and CVRD.	
		#2	1998	-	0.25	1.5	610	1321	V-DFRT	-	300,000	-	-	-	300,000	-	-	-	-	-	-	-		11,000		
Galvasid (Grupo Ind. I.M.)	Apodaca, NL, Mexico	#1	2005	-	0.20	2.0	610	1575	V-DFRT	109,000	-	109,000	-	-	218,000	-	-	-	-	-	-	-	-	6,185		
Gregory Industries	Canton, OH	#1	1980	2018	0.76	4.3	51	495	L-IND	-	131,614	-	-	-	131,614	-	-	-	-	-	-	-	-	6,185		
I/N Kote (JV of ArcelorMittal and Nippon Steel & Sumitomo Metal Corp.)	New Carlisle, IN	KGCL	1991	2004	0.38	2.3	610	1829	V-RT	-	454,000	-	-	-	454,000	-	-	-	-	-	-	-	645,000	7,600	lin-line side trimmer 24 Gravelit plating cells; Ni flash in 25th Orig. Whelring-Pittsburgh until 2001; acquired by New Star Metals Jul-2013 Able to coat UHSS up to 1585 MPa (230 ksi) yield strength; acquired by Insight Equity 2012; started as Metro Metals, 1996 Can coat UHSS YS up to 1517 MPa (220 ksi) Formerly Materials Sciences; was JV with ArcelorMittal, Gravitel plating process, 20 cells; can coat 1000 MPa AHSS	
	Canfield Coating Co., Canfield, OH	EG	1905	2003	0.20	2.00	610	1219	NA	-	-	-	-	-	-	60,000	-	-	60,000	-	-	-		1,200		
	Electric Coating Technologies, East Chicago, IN	EG	1905	-	0.25	2.20	610	1829	NA	-	-	-	-	-	-	181,000	-	-	181,000	-	-	-		800		
	Toronto (Rexdale), ON	#1 EG	1968	-	0.20	2.03	356	1524	NA	-	-	-	-	-	-	41,000	-	-	41,000	-	-	-	7,300			
	Walbridge, OH	#1 EG	1986	-	0.46	2.50	610	1829	NA	-	-	-	-	-	263,000	100,000	-	363,000	-	-	-	-	9,600			
National Galvanizing L.P.	Monroe, MI	#1	1984	1997	1.52	6.35	610	1219	H-DFRT	-	204,000	-	-	-	204,000	-	-	-	-	-	-	-	-	9,600		
NMLK Pennsylvania	Sharon, PA	#2	1998	-	0.30	1.8	610	1524	L-DFRT	250,000	-	-	-	-	250,000	-	-	-	-	-	-	-	704,000	10,300	NMLK since 2011; formerly Sharon Coating, a 2008 JV of Duferco-Novolipetsk (NMLK) and Severstal; in past was Winner Steel	
		#3	2004	-	0.51	2.5	610	1829	L-DFRT	-	454,000	-	-	-	454,000	-	-	-	-	-	-	-		20,000		
Nucor	Nucor Steel-Berkeley Huger, SC	#1	1998	2007	0.25	2.7	762	1676	V-DFRT	-	635,000	-	-	-	635,000	-	-	-	-	-	-	-	2,041,000	14,300	Robot skimmer; roll coater Construction & appliance; coats Castrip Si-skilled steel Electromagnetic stabilizer Combined hot band pickling & vertical galvanizing; start 2019 Construction, HVAC	
	Nucor Steel-Indiana Crawfordsville, IN	#1	1993	-	0.38	3.3	762	1346	H-DFRT	318,000	-	-	-	-	318,000	-	-	-	-	-	-	-		10,000		
	Nucor Steel-Decatur LLC, Trinity (Decatur), AL	#1	2009	-	0.51	6.3	762	1829	V-RT	-	544,000	-	-	-	544,000	-	-	-	-	-	-	-		18,000		
	Nucor Steel-Gallatin, Ghent, KY	#1	2019	-	TBA	6.34	TBA	1854	H-IND-HTC	-	434,000	-	-	-	434,000	-	-	-	-	-	-	-		-		20,000
	Nucor Steel-Arkansas, Blytheville (Hickman), AR	#2	2021	-	0.30	2.7	762	1575	H-DFRT	544,000	-	-	-	-	544,000	-	-	-	-	-	-	-		-		20,000

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Producer	Location	Line ID	Date Built	Latest Rebuild	Thickness (mm)		Width (mm)		Furnace Type(*)	Annual Hot-Dip Capacity - metric tonnes (MT)					Annual EG Capacity - MT			Roll Coatings	Total Company Hot-Dip - MT	Annual Zinc Usage - MT	Comments				
					Min	Max	Min	Max		GI only	GA/GI	AZ	GF	AL	Total	Zn	Zn-Ni					Zn-Fe	Total		
Nucor-JFE Steel Mexico (NJSM)	Silao, Guanajuato, Mexico	#1	2019	-	0.40	2.6	800	1800	V-RT	-	400,000	-	-	-	-	400,000	-	-	-	-	-	-	-	-	GI & GA automotive quality; start 2nd half of 2019
POSCO	Altamira, Mexico	CGL 1	2009	-	0.40	2.0	800	1900	V-RT	-	400,000	-	-	-	-	400,000	-	-	-	-	Prephos, CT	900,000	15,000	Exposed GA, GI and AHSS. Premelt pot	
		CGL 2	2014	-	0.40	2.3	800	1860	V-RT	-	500,000	-	-	-	-	500,000	-	-	-	-	Prephos, CT		15,000	Exposed GI & GA; AHSS 780. Premelt pot	
Precoat Metals	Elkridge, MD	EG	?	?	0.18	1.6	508	1264	NA	-	-	-	-	-	-	64,000	-	-	-	64,000	-	-	1,400	Chesapeake Finished Metals (Precoat Metals division of Sequa); 2.90 in. in max cross-section for EG	
Steel Dynamics	Butler, IN	#1	1997	-	1.02	4.2	914	1575	H-DFRT	-	363,000	-	-	-	-	363,000	-	-	-	-	-	2,940,000	14,000	POG substrate	
		#2	1997	-	0.25	1.9	914	1575	H-DFRT	-	327,000	-	-	-	-	327,000	-	-	-	-	-		14,000	CR substrate	
	Columbus, MS	#1	2007	-	0.25	1.5	914	1829	V-RT	-	408,000	-	-	-	-	408,000	-	-	-	-	-		11,000	SMS-Siemag (former SeverCorr line)	
		#2	2011	-	0.46	3.3	914	1829	L-DFRT	454,000	-	-	-	-	-	454,000	-	-	-	-	-		9,000	SMS-Siemag-Drever; GI only. No roll coater (former SeverCorr line)	
	Terre Haute, IN	#3	2020	-	0.33	4.07	914	1829	H-DFRT	363,000	-	-	-	-	-	363,000	-	-	-	-	-		14,000	Construction line. Until 2018, a subsidiary of Companhia Siderurgica Nacional. Prior to 2001 was Heartland Steel.	
		#1	1999	-	0.25	1.5	864	1854	L-DFRT	318,000	-	-	-	-	-	318,000	-	-	-	-	-		14,000	2007: added 2nd pot for AZ ctg; N-IR roll coater; former GalvPro JV	
	Jeffersonville, IN	-	1999	2007	0.30	1.1	890	1524	H-DFRT	91,000	-	181,000	-	-	-	272,000	-	-	-	-	Acrylic		14,000		
	The Techs	GalvTech Hays, PA	#1	1996	2011	0.38	1.0	610	1524	H-DFRT	407,000	-	-	10,000	-	417,000	-	-	-	-	-		Acrylic	23,000	Commercially produces GALFAN
MetaTech Pittsburgh, PA	#1	1961	1994	1.02	3.3	610	1219	H-DFRT	308,000	-	-	10,000	-	318,000	-	-	-	-	-	-	Acrylic	16,000	Commercially produces GALFAN		
NexTech Turtle Creek, PA	#1	1990	-	0.18	0.4	610	1067	H-DFRT	154,000	-	-	-	-	154,000	-	-	-	-	-	-	Acrylic	6,800	Roll coater		
Steelscape (NS BlueScope Coated Products)	Rancho Cucamonga, CA	#1	1995	1996	0.30	0.9	660	1270	V-DFRT	-	-	200,000	-	-	200,000	-	-	-	-	-	Acrylic, tinted resin	391,000	2,300	Owned by NS Bluescope Coated Products, a JV between Nippon Steel and BlueScope Steel	
	Kalama, WA	#2	1997	-	0.28	1.2	610	1321	V-DFRT	191,000	-	-	-	-	191,000	-	-	-	-	-	Yes		6,000		
Stelco	Hamilton, ON	#3	1968	1997	0.25	1.2	762	1422	L-DFRT	181,000	-	-	-	-	181,000	-	-	-	-	-	-	635,000	8,300	Selas vertical NOx furnace line; nitrogen wiping	
		Z-Line	1991	2006	0.58	2.2	1016	1829	V-RT	-	454,000	-	-	-	-	454,000	-	-	-	-	-		17,100	Orig. JV with Metal One 40%; at start a CGL-CAL Combo; world's biggest pot - 390 MT; first robot skim; nitrogen wipe	
Tata Steel Plating	Apollo Metals, Bethlehem, PA	-	1915	-	-	-	-	-	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cu, brass, Ni, Cr plated CRS strip products; pre-finished non-ferrous metals; developer of ElectroJet technology	
	Thomas Steel Strip Corp., Warren, OH	-	1920	-	0.10	1.70	12	724	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cu, brass, Ni, NiZn-Cote®, NiZn-Cote® Plus, Cr plated CRS	
Tenigal SRL de CV	Monterrey, NL, Mexico	Tenigal 1	2013	-	0.40	2.6	700	1850	V-RT	-	400,000	-	-	-	-	400,000	-	-	-	-	L-treatment	15,000	15,000	Sept., 2013 startup; 51% Ternium, 49% NSSMC; Exposed & AHSS to 980; 2 pots (GI, GA); \$300M facility	
		Tenigal 2	2019	-	TBA	TBA	TBA	TBA	TBA	-	430,000	-	-	-	-	430,000	-	-	-	-	-		-	-	
Ternium	HYSLA-GALVAK San Nicholas de los Garza, NL, Mexico	H-G#1	1975	2004	0.20	1.9	610	1295	H-DFRT	130,000	-	-	-	-	130,000	-	-	-	-	-	-	1,928,000	5,300	In-line paint line added	
		H-G#2	1992	2000	0.25	2.7	610	1295	H-DFRT	-	136,000	-	-	-	-	136,000	-	-	-	-	-		2,000		
		H-G#3	1998	2000	0.20	1.2	686	1270	H-DFRT	91,000	-	59,000	-	-	-	150,000	-	-	-	-	-				
	IMSAC Acero	Monclova, Mexico	IMSAC	1996	-	0.20	1.9	610	1270	H-DFRT	159,000	-	91,000	-	-	250,000	-	-	-	-	-		5,600		
	Monterrey, Mexico	#2	1968	2003	0.25	2.0	610	1270	L-DFRT	-	145,000	-	-	-	-	145,000	-	-	-	-	-		10,300		
		#3	1981	2003	0.28	3.4	610	1219	H-DFRT	136,000	-	73,000	-	-	-	209,000	-	-	-	-	-		10,300		
Pesqueria (Monterrey), NL, Mexico	TBA	2H-2019	-	TBA	TBA	TBA	TBA	V-RT	350,000	-	-	-	-	350,000	-	-	-	-	-	-					
Ternium, USA, Shreveport, LA	#1	1966	2007	0.33	3.2	610	1372	H-DFRT	118,000	-	118,000	-	-	-	236,000	-	-	-	-	-	-		Former Steelscape (MSA) moved from Richmond, CA		
U. S. Steel	Double G Coatings Byram (Jackson), MS	DGC	1994	2003	0.23	0.8	610	1245	H-DFRT	91,000	-	181,000	-	-	-	272,000	-	-	-	-	-	3,581,000	11,000	USS/AM 50/50 JV; Construction pre-painted (50% tons in AM section)	
	Fairfield Works, Fairfield, AL	#5 DualLine	1996	2003	0.30	1.0	660	1257	H-DFRT	91,000	-	181,000	-	-	-	272,000	-	-	-	-	Acrylic		4,300	Construction; 2 roll coaters	
	Granite City Works Granite City, IL	Triple G	1996	2004, 2017	0.23	0.9	610	1245	V-RT	91,000	-	163,000	-	-	-	254,000	-	-	-	-	-		12,000	Vertical Drever furnace - IDLE Jan 2016	
	Great Lakes Works EGL at Dearborn Dearborn, MI	-	1986	2002	0.56	1.7	914	1854	NA	-	-	-	-	-	-	317,500	-	317,500	635,000	-	16,300		U. S. Steel purchased AK Steel's interest - June 2015		
	Great Lakes Works, Ecorse & River Rouge, MI	#1 CGL	2000	2015	0.58	2.0	711	1854	V-RT	-	472,000	-	-	-	-	472,000	-	-	-	-	-		3,800	NKK-SE line; robot skim, roll coater for Prephos, CT	
		#1 EGL	1985	-	0.41	1.8	914	1880	NA	-	-	-	-	-	-	-	300,000	-	-	300,000	-		6,400	20 vertical plating cells, 100% automotive - IDLE Jan 2016	
	Midwest Plant Portage, IN	72" GACT #3 CL	1970	93, '98, '06, '18	0.56	3.2	610	1829	HV-RT	-	454,000	-	-	-	-	454,000	-	-	-	-	Prephos, CT		4,400	Induction GA, roll coater; GI & GA UHSS	
	Mon Valley Works	Irvin Plant, Dravosburg, PA	GAL1	1948	2004	0.91	4.3	560	1321	L-DFRT	200,000	-	-	-	-	200,000	-	-	-	-	-		Acrylic	5,400	HRS and CRS substrate; Selas NOx DFF line
			GAL2	1949	1998	0.36	1.6	610	1219	V-DFRT	160,000	-	-	-	-	160,000	-	-	-	-	-		2,500	Construction & appliance. Converted to dual line in 1997	
		Fairless Plant, Fairless Hills, PA	GAL3	1968	1999, 2018	0.37	2.0	610	1626	H-RT	-	299,000	-	-	-	-	299,000	-	-	-	-		-	5,400	Horizontal RT fce.; gas-fired GA; 1999 new Clecim TM, TL, CT, etc.

3,581,000  
↑  
Minus 50% of

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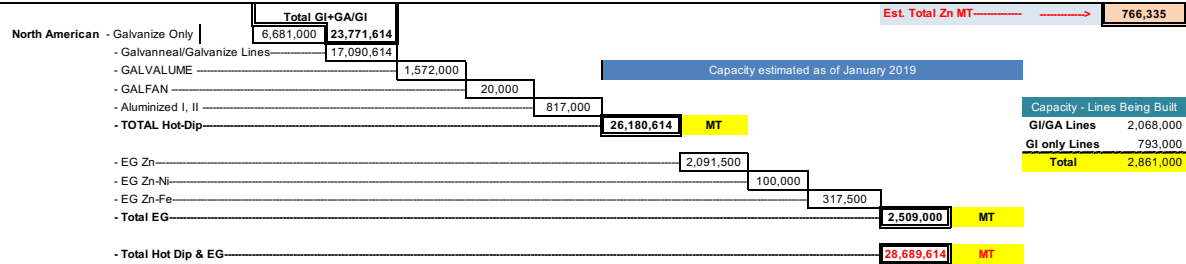
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					Min	Max	Min	Max		GI only	GA/GI	AZ	GF	AL	Total	Zn	Zn-Ni	Zn-Fe					Total
PRO-TEC Coating Co., Leipsic, OH		CGL 1	1993	2007	0.58	2.6	914	1880	V-RT	-	635,000	-	-	-	635,000	-	-	-	-	Prephos, CT, DFL	Double G Coatings	9,500	US Steel/Kobe Steel JV; 2 roll coaters; UHSS & exposed GA; robot skim; LIBS pot chem. Sensor
		CGL 2	1998	2006	0.38	1.7	610	1702	V-RT	-	499,000	-	-	-	499,000	-	-	-	-	Prephos		9,500	US Steel/Kobe JV; roll coater, exposed GA & AHSS; robot skim
		CGL 3	2019	-	TBA	TBA	TBA	TBA	TBA	-	454,000	-	-	-	454,000	-	-	-	-	-		0	USS/Kobe JV; to produce UHS HDG - start July 2019 (AMM - Sep '17)
UPI (USS-POSCO Industries)	Pittsburg, CA	#2CC	1963	1997	0.38	2.7	610	1372	V-RT	-	363,000	-	-	-	363,000	-	-	-	-	-	-	-	Induction GA, RoHS CT
Villacero Villacero	Guadalupe, NL, Mexico	EG	1990	-	0.30	3.2	610	NA	-	-	-	-	-	-	48,000	-	-	-	-	-	-	100	Acquired in 1998 by Villacero from Fisacero
		Zincacero Apodaca, NL, Mexico	1994	-	0.25	1.8	914	1245	H-RT	91,000	-	-	-	-	91,000	-	-	-	-	-	-	-	3,000
Wheeling Nisshin	Follansbee, WV	#1 AGL	1988	-	0.36	2.7	610	1549	H-DFRT	-	272,000	-	(ZAM™)	91,000	363,000	-	-	-	-	-	662,000	5,400	ZAM™ added in 2013-2014; Makes Aluminized stainless; Gas fired GA furnace; 100% Nisshin Steel Co., Ltd. since 2008
		#2 CGL	1993	2000	0.20	1.2	610	1270	H-DFRT	218,000	-	81,000	-	-	299,000	-	-	-	-	Acrylic		9,600	Construction; Carousel reels; roll coater
Worthington Industries	Delta, OH	#1	1997	2008	0.64	6.35	813	1575	L-DFRT	-	363,000	-	-	-	363,000	-	-	-	-	-	907,000	13,600	CQ, culvert, guardrail markets (mostly HR substrate)
		Spartan Steel Coating Monroe, MI	#1	1998	2009	0.43	1.9	711	1575	V-DFRT	-	544,000	-	-	-	544,000	-	-	-	Prephos, CT, acrylic		8,000	Worthington 52%/AK Steel 48% JV



Type	Total	Operating	Being Built	Idle
<b>Hot Dip Lines - TOTAL (all coatings)</b>	<b>80</b>	<b>71</b>	<b>7</b>	<b>2</b>
Hot Dip Galvanize Lines (GI but no GA)	35	32	2	1
HDG Lines with GI & GA capability	51	46	4	1
Lines with GALVALUME capability	12	12	0	0
Lines with Galfan capability	2	2	0	0
Lines with ZAM™ capability	1	1	0	0
Lines with Aluminizing capability	3	3	0	0
<b>EG Lines</b>	<b>13</b>	<b>13</b>	<b>0</b>	<b>0</b>

NOTES:

- Production tonnes based on most recent data
- GI = Galvanize - GF = Galfan
- GA = Galvanneal - AL = Aluminized I, II
- AZ = 55Al-Zn (GALVALUME, ZINCALUME, etc.)
- ZAM™ Zn-Al-Mg alloy coating
- Zinc usage from 2004 ILZSG World Directory; CG Lines
- TBA = To Be Announced
- (\*) Furnace types
  - V = Vertical
  - H = Horizontal
  - L = Vert & Horiz (may or may not be "L" shaped)
  - NA = not applicable / not available
- \*Suffix: DF = Direct Fired; RT = Radiant Tube; IND = Induction; HTC = Heat to Coat

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