

A•D•S MACHINERY CORP.
LIST OF MAJOR PROJECTS

<u>YEAR</u>	<u>USER</u>	<u>DESCRIPTION</u>
1975	Centrozap Poland	Light Gauge Continuous Anneal Line
		Intermediate Gauge Continuous Anneal Line
		Heavy Gauge Continuous Anneal Line
		Continuous Pickle Line
		Shear Line
		Coil Transfer Line
1978	Eastern Stainless Steel Baltimore, MD	Tension Level, Skin Pass, and Shear Line
1979	GTE Products North Carolina	Continuous Anneal Line
1979	American Brass Buffalo, NY	Continuous Anneal Line
1979	Oregon Steel Portland, OR	Plate Treating Line
1980	Bunge (Australia)	Plate Treating Line
1980	Republic Steel Cleveland, OH	Pilot EGL Line
1981	Nationale de Cobre (Mexico)	Continuous Anneal Line
1981	GTE Products	Grinding Line

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	North Carolina	
1982	Southwestern Pipe Shreveport, LA	10" Hot Dip Galvanizing Line
1982	American Brass Buffalo, NY	Continuous Anneal Line
1982	NEAL Plant (China)	Tension Leveling Line
1983	SAFP (China)	Tension Leveling Line
1983	Hamilton Precision Metals Lancaster, PA	Continuous Anneal Line
1984	Lukens Steel Conshohocken, PA	Plate Treating Line
1985	Brush Wellman Elmore, OH	Continuous Anneal Line
1985	Shanxi Alloys (China)	Continuous Anneal Line
1985	McGraw-Edison Zanesville, OH	Transformer Core Line
1986	SAFP (China)	Continuous Anneal Line
1986	Brush Wellman Reading, PA	Salt Bath Hardening Line
1986	Brush Wellman Reading, PA	Pickle Line

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1987	LTV Steel Indiana Harbor	72" Hot Dip Galvanizing Line Rebuild
1988	National Steel (Philippines)	Electrolytic Tin Plating Line Rebuild
1988	International Ind. (Karachi, Pakistan)	600mm Carbon Steel Pickle Line
1989	Nextech Pittsburgh, PA	42" Hot Dip Galvanizing Line
1989	Thomas Steel Strip Corp. Warren, OH	Terminal Equipment Nickel Plating Line
1989	Clecim/Comstock LTV Cleveland	Coil Transfer System
1989	Atlantech/Wesero Columbus	Electrolytic Cleaning Section LTV
1990	LTV Indiana	Coil Inspection Line Harbor
1990	Wheeling Pittsburgh Steel Co.	Electrolytic Zinc Plating Section
1990	Federal Iron Works (Malaysia)	Hot Dip Galvanizing Line
1991	Sam Yang Metals (Korea)	Tension Leveling Line
1991	Sam Yang Metals (Korea)	Conversion Coating Line

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1991	Dong Bu Steel (Korea)	ETL Tension Leveler
1991	Dong Bu Steel (Korea)	No. 1 CGL Entry End Upgrade
1991	UEC/Guandong (China)	Relocate and Modernize CGL
1991	LTV Steel Cleveland	Coil Inspection Line
1991	USX (Gary)	No. 1 EGL Upgrade (Two Side Coating)
1991	TESSP (Taiwan)	Tension Leveling Line
1991	Hainan-Pengda Sheet Steel Co. (China)	1300mm Push-Pull Pickle Line
1991	Great Lakes Metals	Stitcher and Steering Rolls
1991	USX (Fairless)	Galvanizing Line Modifications
1992	Electric Furnace Northwest Copper (China)	Non-Ferrous Anneal and Pickle Line
1992	Electric Furnace Shaanxi (China)	Stainless Steel Bright Annealing Line Precision
1993	USX (Gary)	No. 1 EGL Upgrade (Increase Plating Current)
1993	USX (Fairfield)	Upgrade Entry End of Continuous Pickle Line
1994	IMSA (Mexico)	Electrolytic Cleaning Line

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1994	Thomas Steel Strip (USA)	Nickel Plating Line
1994	Poongsan Corp. (Korea)	450mm Stainless Steel Bright Anneal Line
1994	IMSA (Mexico)	50" Hot Dip Galvanizing Line
1995	Thomas Steel Strip Co.	Normalizing Line
1995	USX (Fairfield)	50" Hot Dip Galvanizing/ Galvalume Line
1995	Ohio Coatings Co.	Cascade Rinse Sections For an Electrolytic Tinning Line
1995	Rahn's Speciality Metals, Inc.	Stainless Steel Bright Anneal Line
1995	Kawasaki (Japan) For Thailand	Terminal Equipment for Two (2) High Speed Cleaning Lines
1995	GalvTech (USA)	60" Hot Dip Galvanizing Line
1996	Allegheny-Ludlum	Stainless Steel Bright Anneal Line
1996	USX (Irvin)	Galvanizing Line Cleaning Line
1997	Winner Steel Services	60" Galvanizing Line
1997	Warren Consolidated Industries (USA)	Silicon Steel Anneal Line Cleaning Section
1998	Alcan Aluminum Corp. (USA)	Coating Line Upgrade

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1998	USX (Fairless)	Chemical Treatment Section
1998	USX (Fairfield)	Acrylic Coating Section
1998	GalvPro (USA)	Galvanizing Line
1999	Warren Consolidated Industries (USA)	Galvanizing Line Upgrade
1999	Duferco Farrell (USA)	Pickle Line Upgrade
1999	Olin Brass (USA)	Rewind Line
1999	Dofasco (Canada)	Cleaning Equipment For Black Plate Anneal Line
1999	Dofasco (Canada)	Galvanizing Line Upgrade
1999	Carpenter Technologies (USA)	Pickle Line Upgrade
1999	Weirton Steel (USA)	Galvanizing Line Upgrade
2000	Olin Brass (USA)	Anneal Line Upgrade
2003	IMSA (Mexico)	Galvanizing Line Upgrade
2004	IMSA (Mexico)	Coil Coating Line Upgrade
2004	Alcan (USA)	Cleaning Section for Coil Coating Line
2004	Wheeling Steel (USA)	Inspection Line
2005	Precoat Metals (USA)	Coil Coating Line
2005	NLMK (Russia)	Side Trim Section

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2005	US Steel (Great Lakes) (USA)	Cleaning Section
2006	IMSA (Mexico)	Coil Coating Line Upgrade
2007	AK Steel (USA)	Silicon Steel Annealing and Coating Line
2007	US Steel (USA)	Exit Section For Continuous Pickle Line