



REFERENCE LIST
STRIP CLEANING SYSTEMS
 Designed and Built by
A•D•S Machinery Corp

YEAR	JOB	CUSTOMER	LOCATION	DESCRIPTION	SPEED FPM MAX	APPLICATION
1961	959	Crucible Steel	USA	36" Silicon Steel Coating Line	360	Four Brush Scrubber. Immersion Coating Tank. Dryer
1962	1031	Crucible Steel	USA	52" Stainless Steel Anneal and Pickle Line	150	Two Brush Scrubber
1962	1052	J & L Steel	USA	36" Carbon Steel Electrolytic Galvanizing Line	140	Four Brush Scrubber
1962	1055	J & L Steel	USA	36" Carbon Steel Electrolytic Galvanizing Line	140	Two Brush Scrubber
1962	1075-1	Sharon Steel	USA	36" Carbon Steel Hot Dip Galvanizing Line	300	Four Brush Scrubber
1962	1075-2	Sharon Steel	USA	36" Carbon Steel Pickle Line	300	Two Brush Scrubber
1962	1131	Crucible Steel	USA	52" Stainless Steel Anneal and Pickle Line	300	Four Brush Scrubber
1962	1133	Allegheny Ludlum	USA	48" Stainless Steel Sheet Cleaning Line	60	Four Brush Scrubber. Dryer
1962	1172	Armco Steel	USA	25" Stainless Steel Anneal and Pickle Line	125	Five Brush Scrubber. Dryer
1963	1126	Revere Copper	USA	24" Aluminum Color Coating Line	400	Four Bush Scrubber. Two Brush Rinse. Spray Rinse.
1963	1212	Armco Steel	USA	48" Stainless Steel Anneal and Pickle Line	300	Four Brush Scrubber
1963	1253	Republic Steel	USA	48" Carbon Steel Pickle Line	350	New Pickle Tank. Alterations to existing Pickle Tanks & Rinse tanks Dryer.
1963	1220	Republic Steel	USA	60" Carbon Steel Electrolytic Galvanizing Line	240	Bonderizing Section. Spray Rinse. Two Brush Scrubber (Existing). Parcolene Z Spray (TiO2 Passivation). Bonderite 32 Spray (Zinc Phosphate). Cold Spray Rinse. Parcolene 2 Spray (Chromic)
1964	1283	Sharon Steel	USA	51" Stainless Steel Anneal & Pickle Line	100	Three Strands at 17" Max. Width. Four Brush Scrubber.
1964	1308	Crucible Steel	USA	52" Stainless Steel Anneal and Pickle Line	200	Two Brush Scrubber
1964	1332	Union Carbide Haynes Stellite	USA	60" Stainless Steel Sheet Cleaning Line	100	Two Brush Scrubber. Spray Rinse. Dryer
1965	1260	Republic Steel	USA	48" Carbon Steel Hot Dip Galvanizing Line	300	(Converted to silicon anneal line). Two Brush Scrubber (Wireless Brushes). Parcolene Z Spray (TiO2 Passivation). Bonderite 32 Spray (Zinc Phosphate). Cold Spray Rinse. Parcolene 2 Spray (Chromic). Dryer
1965	1340	Republic Steel	USA	48" Carbon Steel Hot Dip Galvanizing Line	300	Four Brush Scrubber (Wire Brushes). Spray Chemical Treatment (Chromic)
1965	1405-1	Ingersoll Steel	USA	50" Stainless Steel Grinding Line	60	Six Brush Scrubber. Dryer
1965	1405-2	Ingersoll Steel	USA	50" Stainless Steel Anneal and Pickle Line	100	Four Brush Scrubber. Dryer
1965	1476	Republic Steel	USA	48" Carbon Steel Pickle Line	350	Alterations to Wringer Rolls and Tank Covers
1966	1511	Wheeling Steel	USA	48" Carbon Steel Color Coating Line	125	Four Brush Scrubber.
1966	1547	Armco Steel	USA	50" Stainless Steel Bright Anneal Line	180	Four Brush Scrubber. Two Brush Rinse. Spray Rinse
1966	1548	Armco Steel	USA	49" Silicon Steel Anneal Line	250	Spray Wash. Four Brush Scrubber. Two Brush Rinse. Spray Rinse.
1966	1561	Armco Steel	USA	37" Silicon Steel Anneal Line	200	Six Brush Scrubber
1966	1564	Armco Steel	USA	37" Silicon Steel Anneal Line	200	Two Brush Scrubber
1966	1535	J & L Steel	USA	60" Carbon Steel Hot Dip Galvanizing Line	250	Bonderizing Section. Spray Cooling. Parcolene Z Spray



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						(TiO2 Passivation). Bonderite 32 Spray (Zinc Phosphate). Cold Spray Rinse. Parcolene 2 Spray (Chromic)
1966	1603	Republic Steel	USA	48" Carbon Steel Pickle Line	350	Alterations to Pickle Tank Covers and Fume Exhaust
1967	1620	Crucible Steel	USA	50" Stainless Steel Anneal and Pickle Line	300	Four Brush Scrubber
1967	1705	Wheeling-Canfield	USA	50" Carbon Steel Color Coating Line	300	Spray Clean. Spray Rinse
1967	1739	Anaconda American Brass	USA	28" Non-Ferrous Anneal and Pickle Line	250	Spray Clean. Spray Rinse. Dryer. Spray Pickle. Spray Rinse. Spray Preservative. Dryer
1968	1715	Wallingford Steel	USA	32" Stainless Steel Bright Anneal Line	100	Spray Clean. Spray Rinse. Spray Pickle. Spray Rinse.
1969	1952	J & L Steel	USA	50" Stainless Steel Bright Anneal Line	150	Two Brush Scrubber. Spray Rinse (x2). Dryer
1969	1753	Allegheny Ludlum	USA	18" Stainless Steel Bright Anneal Line	50	Spray Clean. Two Brush Scrubber. Spray Rinse. Dryer
1969	1825	Ball Brothers	USA	28" Zinc Casting and Rolling Line	75	Surface Conditioning and Spray Cooling. Two Brush Scrubber.
1970	1995	Century Brass	USA	28" Non-Ferrous Anneal and Pickle Line	200	Vertical Tanks. Spray Clean. Spray Rinse. Dryer. Spray Pickle. Spray Rinse. Spray Preservative. Dryer
1970	2002	Anaconda American Brass	USA	28" Non-Ferrous Anneal and Pickle Line	80	Spray Pickle. Two Brush Rinse. Spray Preservative. Dryer
1971	2044	Thinsheet Metals	USA	28" Non-Ferrous Anneal and Pickle Line	200	Immersion Pickle. Spray Rinse. Dryer
1971	2140	Texas Instruments	USA	13" Stainless Steel Cladding Line	60	Four Brush Scrubber. Dryer
1972	1997	Century Brass	USA	28" Non-Ferrous Pickle Line	300	Terminal Equipment
1972	2128	Wallingford Steel	USA	28" Stainless Steel Bright Anneal Line	80	Spray Rinse. Dryer
1972	2172	Armco Steel	USA	72" Carbon Steel Sheet Pickler	30	Pickle (3 tanks). Eight Brush Rinse
1972	2226	Thinsheet Metals	USA	26" Stainless Steel Bright Anneal Line	75	Vertical Tanks. Immersion Clean. Immersion Rinse. Dryer
1973	2266	Texas Instruments	USA	15" Stainless Steel Cladding Line	100	Two Brush Scrubber. Dryer
1973	2280	Noranda	Canada	24" Non-Ferrous Anneal and Pickle Line	250	Vertical Tanks. Spray Pickle. Spray Rinse. Spray Preservative. Dryer
1973	2304	Sharon Steel	USA	36" Carbon Steel Pickle Line	75	Terminal Equipment
1974	2190	Electrostal	USSR	12" Stainless Steel Bright Anneal Line	100	Four Brush Scrubber. Spray Rinse. Dryer
1974	2207A	Centrozap	Poland	14" Non-Ferrous Pickle Line	230	Vertical Tanks. Spray Pickle. Spray Rinse. Left Hand Line - Spray Pickle. Spray Rinse. Spray Preservative. Dryer
1974	2207B	Centrozap	Poland	14" Non-Ferrous Pickle Line	230	Vertical Tanks. Spray Pickle. Spray Rinse. Right Hand Line - Spray Pickle. Spray Rinse. Spray Preservative. Dryer
1974	2208A	Centrozap	Poland	30" Non-Ferrous Anneal and Pickle Line	200	Vertical Tanks. Spray Clean. Spray Rinse. Left Hand Line - Dryer. Spray Pickle. Spray Rinse. Spray Preservative. Dryer
1974	2208B	Centrozap	Poland	30" Non-Ferrous Anneal and Pickle Line	200	Vertical Tanks. Spray Clean. Spray Rinse.



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						Right Hand Line - Dryer. Spray Pickle. Spray Rinse. Spray Preservative. Dryer
1974	2214	Texas Instruments	USA	28" Stainless Steel Cladding Line	200	Four Brush Scrubber (Pumice). Two Stage Spray Rinse. Dryer
1974	2222	Republic Steel		60" Carbon Steel Electrolytic Galvanizing Line	240	Electrolytic Alloy Coating (E-Z Coat). Spray Rinse. Dryer.
1974	2320	Centrozap		29" Non-Ferrous Anneal and Pickle Line	80	Spray Pickle. Two Brush Rinse. Spray Preservative. Dryer
1975	2405	Wallingford Steel	USA	30" Stainless Steel Anneal and Pickle Line	60	Wringer Rolls (4 sets). Dryers (4)
1976	2695	Texas Instruments	USA	15" Stainless Steel Cladding Line	100	Four Brush Scrubber. Dryer
1977	2332	Texas Instruments	USA	26" Stainless Steel Bright Anneal Line	80	Spray Clean. Spray Rinse. Dryer.
1977	2478	S.A. Marvin	Brazil	27" Non-Ferrous Pickle Line	150	Two Brush Scrubber. Dryer
1977	2657	Elgiloy	USA	14" Stainless Steel Bright Anneal Line	30	Spray Clean. Spray Rinse. Dryer
1977	2787	Grumman Flexible	USA	99" Aluminum Powder Coating Line	3	Spray Clean (x2). Spray Rinse. Spray Chromate. Spray Rinse. Spray Acidic Rinse
1977	2788	Texas Instruments	USA	15" Stainless Steel/Aluminum Cladding Line	100	Four Brush Scrubber. Dryer
1978	2871	Allegheny Ludlum	USA	Stainless Steel Tube Cleaner	20	0.625" - 1.25" Diameter Tubes. Spray Clean. Spray Rinse. Dryer
1978	3096	Allegheny Ludlum	USA	Stainless Steel Tube Cleaner	20	0.625" - 1.25" Diameter Tubes. Spray Clean. Spray Rinse. Dryer
1979	2644	GTE Sylvania	USA	14" Stainless Steel Bright Anneal Line	60	Spray Clean. Spray Rinse. Dryer
1979	2668	Texas Instruments	USA	24" Stainless Steel Cladding Line (#1 Sink Line)	120	Four Brush Scrubber (Alkali). Spray Rinse. Immersion Pickle. Four Brush Scrubber (Pumice). Spray Rinse (2x). Dryer
1979	2696	Anaconda American Brass	USA	48" Non-Ferrous Anneal and Pickle Line	180	Spray Clean. Spray Rinse. Dryer. Spray Pickle. Two Brush Rinse. Spray Preservative. Dryer
1979	2964	National de Cobre	Mexico	26" Non-Ferrous Anneal and Pickle Line	180	Spray Pickle. Two Brush Rinse. Spray Preservative. Dryer
1980	3126	Hamilton Precision Metals	USA	16" Stainless Steel Bright Anneal Line	45	Spray Clean. Spray Rinse. Dryer
1980	3379	Republic Steel	USA	48" Carbon Steel Electrolytic Galvanizing Line	150	Immersion Pickle. Four Stage Spray Rinse
1981	3633	Republic Steel	USA	48" Carbon Steel Electrolytic Galvanizing Line	150	Two Brush Scrubber. Three Stage Spray Rinse. Spray Coating
1982	3519	Southwestern Pipe	USA	10" Carbon Steel Hot Dip Galvanizing Line	400	Two Brush Scrubber. Spray Rinse. Dryer. Immersion Pickle. Immersion Rinse. Immersion Flux (Zinc Ammonium Chloride)
1982	3581	Anaconda American	USA	46" Non-Ferrous Anneal and Pickle Line	200	Spray Clean. Spray Rinse. Dryer. Spray Pickle. Two Brush Rinse. Spray Preservative. Dryer
1982	3736	Brush Wellman	USA	18" Non-Ferrous Pickle Line	60	Two Brush Rinse
1982	3781	Brush Wellman	USA	18" Non-Ferrous Pickle Line	60	Two Brush Rinse
1983	3730	Northeast Light Alloy Fabrication Plant	PRC	62" Aluminum Tension Leveling Line	500	Spray Cleaner with Steam Injection. Dryer
1984	3960	Thomas Steel	USA	72" Carbon Steel Pickle Line	500	Alterations to Rinse Section
1984	3834	Northeast Light Alloy	PRC	64" Aluminum Tension Leveling Line	600	Spray Cleaner with Steam Injection. Dryer



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		Fabrication Plant				
1985	5017	Brush Wellman	USA	26" Non-Ferrous Bright Anneal Line	75	Two Brush Scrubber. Spray Rinse. Dryer
1985	5213	S.A. Marvin	Brazil	27" Non-Ferrous Pickle Line	150	Two Brush Rinse
1985	5226	Shaanxi Precision Alloy	PRC	14" Stainless Steel Bright Anneal Line	50	Spray Clean. Spray Rinse. Dryer
1986	5241	Texas Instruments	USA	26" Stainless Steel Bright Anneal Line	80	Four Brush Scrubber. Spray Rinse.
1986	5297	Thomas Steel	USA	42" Carbon Steel Nickel Plating Line	100	Two Brush Scrubber
1986	5461	Southwestern Pipe	USA	Galvanized Carbon Steel Tube Cleaner	300	1.33" - 2.88" Diameter Tubes. Spray Wash. Spray Rinse. Dryer
1986	5467	Brush Wellman	USA	18" Non-Ferrous Pickle Line	60	Two Brush Scrubbers (2)
1987	5079	Allegheny Ludlum	USA	36" Stainless Steel Anneal and Pickle Line	100	Four Brush Scrubber. Spray Rinse. Dryer
1987	5812	LTV/Sumitomo	USA	72" Carbon Steel Electrolytic Galvanizing Line	440	Spray Precleaner
1988	5710	LTV Steel	USA	48" Carbon Steel Hot Dip Galvanizing Line	350	Alterations to Pickle Tanks. Alterations to Quench Tank
1989	6111	Thomas Steel	USA	48" (3 strand) Carbon Steel Electrolytic	90	Three Stage Spray Rinse
1989	5994	International Industrials	Pakistan	48" Carbon Steel Pickle Line	200	Terminal Equipment
1989	5606	National Steel	Phillippines	40" Carbon Steel Electrolytic Tinning Line	1,200	Immersion Clean. Electrolytic Clean (x2). Spray Rinse. Electrolytic Pickle. Spray Rinse. Electrolytic Tin (7 Tanks). Spray Rinse (x2). Dryer. Electrolytic Chemical Treatment (x2). Spray Rinse. Dryer
1990	6524	Northwest Copper	PRC	14" Non-Ferrous Anneal and Pickle Line	165	Spray Clean. Spray Rinse. Dryer. Spray Pickle. Two Brush Rinse.
1990	6190	LTV/Sumitomo		72" Carbon Steel Electrolytic Galvanizing Line	440	Vertical Tanks. Spray Clean. Electrolytic Clean. Spray Rinse. Electrolytic Pickle. Two Brush Rinse.
1991	6018	Guangdong-Nanfeng Sheet Steel Company	PRC	48" Carbon Steel Hot Dip Galvanizing Line	300	Two Brush Scrubber. High Density Electrolytic Cleaner. Two Brush Scrubber. Spray Rinse. Dryer
1991	6066	US Steel	USA	66" Carbon Steel Electrolytic Galvanizing Line	700	Convert from one side to two side plating
1991	6260	Federal Iron Works	Malaysia	50" Hot Dip Galvanizing Line	590	Immersion Clean. Spray Clean. Six Brush Scrubber. Spray Rinse. Dryer. Spray Pickle (2x). Three Stage Spray Rinse. Dryer. Quench Tank. Dryer. Spray Chromate (2x). Dryer
1991	6333	Sam Yang Metals	Korea	63" Aluminum Tension Leveling Line	650	Three Pass Horizontal Immersion. Three Stage Spray Rinse. Dryer
1991	6604	Hainan-Pengda Sheet Steel	PRC	50" Carbon Steel Push-Pull Pickle Line	400	Terminal Equipment
1992	6337	Sam Yang Metals	Korea	63" Aluminum Conversion Coating Line	280	Vertical Tanks. Spray Clean (2x). Spray Rinse. Spray Chromate. Spray Rinse. Spray Deionized Rinse. Dryer
1992	6402	Precision Galvanizing	USA	60" Carbon Steel Hot Dip Galvanizing Line	350	Two Brush Scrubber. Spray Rinse.
1993	6589	Great Lakes Metals	USA	28" Non-Ferrous Anneal and Pickle Line	300	Two Brush Scrubber. Four Brush Scrubber.
1993	6686	Shaanxi Precision Alloy	PRC	14" Stainless Steel Bright Anneal Line	65	Spray Clean. Spray Rinse. Dryer
1993	6870	Alcan Aluminum	USA	64" Aluminum Color Coating Line	500	Immersion Coating Tank



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1994	6748	Poongsan Metals	Korea	18" Stainless Steel Bright Anneal Line	50	Two Brush Scrubber. Spray Rinse. Dryer
1994	6851	IMSA	Mexico	49" Carbon Steel Cleaning Line	2,000	Spray Clean. Four Brush Scrubber. Electrolytic Cleaner. Four Brush Scrubber. Three Stage Spray Rinse. Dryer
1994	6946	Southwestern Pipe	USA	Galvanized Carbon Steel Tube Cleaner	300	1.33" - 2.88" Diameter Tubes. Spray Wash. Spray Rinse. Dryer
1995	6974	Ohio Coating Company	USA	40" Carbon Steel Electrolytic Tinning Line	1,475	Three Stage Cleaner Rinse. Three Stage Plating Rinse. Four Stage Plating Rinse. Four Stage Chemical. Treatment Rinse.
1995	6978	IMSA	Mexico	50" Carbon Steel Hot Dip Galvanizing Line	600	Spray Preclean. Spray Rinse. Dryer. Electrolytic Clean. Four Brush Scrubber. Two Stage Spray Rinse. Two Brush Rinse (after coating)
1995	7000	Texas Instruments	USA	13" Stainless Steel Clad Metal Pickle Line	20	Spray Cleaner
1995	7147	Hamilton Precision Metals	USA	16" Stainless Steel Bright Anneal Line	45	Two Brush Scrubber. Spray Rinse
1996	7156	US Steel	USA	50" Carbon Steel Hot Dip Galvanizing Line	600	Electrolytic Cleaner. Four Brush Scrubber. 2-Stage Spray Rinse. Dryer. Quench. Dryer
1996	7750	AK Steel	USA	49" Silicon Steel Anneal Line	300	Eight Brush Scrubber
1996	7800	Kawasaki Heavy Industries	Japan	48" Carbon Steel Cleaning Line 60" Carbon Steel Cleaning Line	1,800	Entry and exit sections for two lines.
1996	7862	APM	Mexico	60" Carbon Steel Cleaning Line	2,000	Electrolytic Cleaner
1996	7983	Thomas Steel	USA	48" (3 strand) Carbon Steel Electrolytic Plating Line (Zinc - Nickle)	90	Three Stage Spray Rinse
1996	8016	US Steel	USA	48" Carbon Steel Hot Dip Galvanizing Line	400	Four Brush Scrubber. Immersion Rinse. Spray Rinse.
1997	3986	WCI	USA	48" Silicon Steel Anneal Line		Spray Cleaner. No. 1 Four Brush Scrubber. No. 2 Four Brush Scrubber. Cascade Rinse. Hot Air Dryer.
1997	8081	Armco Research	USA	10" Pilot Line Pickle Section		Dip Cleaning. Spray Cleaning. Brushing. Pickling. Rinsing. Drying.
1997	7997	Winner Steel Services	USA	60" Hot Dip Galvanizing Line	500	Four Brush Scrubber. Cascade Rinse. Hot Air Dryer
1998	10255	GalvPro	USA	60" Hot Dip Galvanizing Line	500	Dip Cleaner. Two Brush Scrubber. Dip Rinse. Hot Air Dryer.
1999	10403	Dofasco	Canada	48" Tin Plate Anneal Line		New Four Brush Scrubber. Rebuild Existing Four Brush Scrubber
1999	10352	Alcan Aluminum	USA	64" Coil Coating Line		Two Stage Rinse. Hot Air Dryer.
2000	10729	Olin Brass	USA	37" Non-Ferrous Anneal Line		Vertical Spray Cleaner. Two Spray Rinses. Spray BTA Tank.
2001	10556	Alcan Aluminum	USA	64" Coil Coating Line		Spray Cleaner. Rinse. Dip Chromate.
2004	11620	Alcan Aluminum	USA	64" Coil Coating Line		Vertical Spray Cleaner. Vertical Spray Rinse.
2006	11835	Allegheny Ludlum-Waterbury	USA	28" Bright Anneal Line		Two Brush Scrubber
2014	12711	SDI – Jeffersonville	USA	60" Hot Dip Galvanizing Line	625	High Pressure Water Spray. No. 1 Alkali Spray. No. 1 Two Brush Scrubber (Existing). No. 2 Alkali Spray. No. 2 Two Brush Scrubber. Four Stage Cascade Rinse.



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2015	13327	US Steel-Great Lakes Works	USA	73" Hot Dip Galvanizing Line	600	Alkali Spray Cleaner. Four Brush Scrubber. 3-Stage Cascade Rinse
2015	13485	National Galvanizng		48" Hot Dip Galvanizing Line	150	Alkali Spray Cleaner. Four Brush Scrubber. 3-Stage Cascade Rinse Dryer