

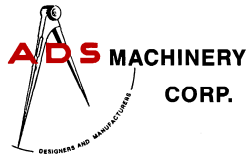
**REFERENCE LIST  
FLATTENERS AND LEVELERS**  
Designed and Built by  
**A·D·S Machinery Corp**

YEAR	JOB	CUSTOMER	LOCATION	MATERIAL	THICKNESS (inches)	WIDTH (inches)	# of ROLLS	TYPE
1956	679	Allegheny Ludlum	USA	Stainless Steel	0.010-0.060	27	4	Flattener
1964	779	J & L Steel	USA	Silicon and Carbon Steel	0.008-0.040	48	17	Leveler
1965	964	Republic Steel	USA	Carbon Steel	0.012-0.125	60	17	Flattener
1965	1083	Atlas Steel	Canada	Stainless Steel	0.008-0.060	48	5	Flattener
1966	1583	TMCA	USA	Titanium	0.040-.25	52	5	Flattener
1967	1644	US Steel	USA	Stainless Steel	0.080-0.300	27	5	Flattener
1968	1739	Anaconda	USA	Brass & Copper	0.008-0.080	28	3	Flattener
1969	1995	Scoville	USA	Brass & Copper	1.010-1.150	44	3	Flattener
1969	2002	Anaconda	USA	Brass & Copper	0.024-0.150	44	3	Flattener
1972	2190	Metalurgimport	USSR	Stainless Steel	0.010-0.100	14	3	Flattener
1972	2207A	Centrozap	Poland	Brass & Copper	0.010-0.065	28	3	Flattener
1972	2207B	Centrozap	Poland	Brass & Copper	0.010-0.065	28	3	Flattener
1972	2208A	Centrozap	Poland	Brass & Copper	0.010-0.065	28	3	Flattener
1972	2208B	Centrozap	Poland	Brass & Copper	0.010-0.065	28	3	Flattener
1972	2282	Centrozap	Poland	Brass & Copper	0.010-0.118	28	11	Flattener
1972	2320	Centrozap	Poland	Brass & Copper	0.020-0.150	28	3	Flattener
1973	2304	Sharon Steel	USA	Carbon Steel	.080-.1875	36	3	Flattener
1973	2309	US Steel	USA	Stainless Steel	.080-0.250	48	17	Leveler
1973	2332	Texas Instrument	USA	Stainless Steel	0.010-0.040	32	3	Flattener
1973	2391	Secem	Spain	Brass & Copper	0.010-0.065	29.5	4	Flattener
1974	2431	Crucible	USA	Stainless Steel	.125-.250	48	5	Flattener
1974	2445	LTV Steel	USA	Carbon Steel	0.017-0.100	60	5	Flattener
1975	2478	S. A. Marvin	Brazil	Brass & Copper	0.012-0.150	27	3	Flattener
1977	2696	Anaconda	USA	Brass & Copper	0.020-0.125	48	3	Flattener
1978	3014	Eastern Stainless Steel	USA	Stainless Steel	0.015-0.250	52	5	Flattener
1978	3014	Eastern Stainless Steel	USA	Stainless Steel	0.015-0.250	52	3	Tension Leveler
1979	2964	Nationale de Cobre	Mexico	Brass & Copper	0.015-0.098	26	3	Flattener
1981	3357	GTE	USA	Stainless Steel	0.030-0.197	14	5	Flattener
1982	3730	CMIEC	PRC	Aluminum	0.008-0.085	61.4	4	Flattener



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1982	3730	CMIEC	PRC	Aluminum	0.008-0.080	61.4	3	Tension Leveler
1982	3581	Anaconda	USA	Brass & Copper	0.010-0.100	46	3	Flattener
1983	3834	CMIEC	PRC	Aluminum	0.008-0.080	64.6	4	Flattener
1983	3834	CMIEC	PRC	Aluminum	0.008-0.080	64.6	3	Tension Leveler
1984	5017	Brush-Wellman	USA	Beryllium Copper	0.010-0.100	25	5	Flattener
1986	3833	CITIC	PRC	Aluminum	0.008-0.080	67	4	Flatteeners (2 Units)
1986	3833	CITIC	PRC	Aluminum	0.008-0.080	67	3	Tension Leveler
1986	5622	Rouge Steel	USA	Carbon Steel	0.024-0.060	72	5	Flattener
1988	5994	International Industries	Pakistan	Carbon Steel (Hot Rolled)	0.063-0.250	23.6	5	Flattener
1989	6138	NexTech	USA	Galvanized Steel	0.007-0.019	42	5	Tension Leveler
1989	6260	Federal Iron Works	Malaysia	Carbon Steel	0.008-0.063	50	5	Flatteeners (2 Units)
1989	6260	Federal Iron Works	Malaysia	CQ, DQ, DDQ	0.008-0.063	50	5	Tension Leveler
1990	6243	LTV	USA	CR, Galvanized, Galvannealed, Electro-plated	0.010-0.125	72	5	Flattener
1990	6333	Sam Yang Metals	Korea	Aluminum	0.008-0.080	63	3	Tension Leveler
1991	6249	DongBu Steel	Korea	Single & Double Reduced Steel (Black Plate)	0.007-0.016	38	6	Tension Leveler
1991	6384	Tang Eng.	Taiwan	Stainless Steel	0.008-0.080	51.2	5	Flattener
1991	6384	Tang Eng.	Taiwan	Stainless Steel	0.008-0.080	51.2	5	Tension Leveler
1992	6555	DongBu Steel	Korea	Carbon Steel	0.015-0.177	49.2	5	Flattener
1993	6604	Hainan Pengda	PRC	Carbon Steel (Hot Rolled)	0.063-0.177	51.2	5	Flattener
1994	6806	USX	USA	Carbon Steel (Hot Rolled)	0.047-0.189	55	5	Processor
1994	6851	IMSA	Mexico	Carbon Steel	0.008-0.060	49	5	Flattener
1995	6978	IMSA	Mexico	Galvanized Steel	0.008-0.047	50	5	Flatteeners (2 Units)
1995	7156	USX	USA	Carbon Steel	0.008-0.040	50	5	Flatteeners (2 Units)
1995	7156	USX	USA	Galvanized Steel	0.008-0.040	50	7	Tension Leveler
1995	7742	GalvTech	USA	Galvanized Steel	0.008-0.040	49	5	Tension Leveler
1997	7997	Winner Steel Services	USA	Carbon Steel	0.008-0.065	60	3	Flatteeners (2 Units)
1997	7997	Winner Steel Services	USA	Galvanized Steel	0.008-0.065	60	5	Tension Leveler
1998	10255	GalvPro	USA	Galvanized Steel	0.008-0.040	60	5	Tension Leveler
1999	10467	Duferco Farrell	USA	Hot Rolled Carbon Steel	0.050-0.189	56	5	Processor



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2000	10414	Dofasco	Canada	Galvanized Steel	0.011-0.091	60	5	Tension Leveler
2000	10610	Weirton	USA	Galvanized Steel	0.029-0.134	49	5	Tension Leveler
2000	10832	Carpenter Technologies	USA	Stainless Steel	0.015-0.250	16	5	Flattener
2001	10988	Roll Coater	USA	Painted And Embossed Carbon Steel	.008-.055	62	3	Crossbow Removal
2003	11441	Roll Coater	USA	Painted/Embossed Steel	.017-0.021	54	6	Tension Leveler
2003	11473	Roll Coater	USA	Painted/Embossed Steel	.017-0.021	54	6	Tension Leveler
2004	11573	Steel Dynamics	USA	Carbon Steel	0.015-0.040	60	5	Flatteners (2 Units)
2005	11410	Wheeling-Pittsburgh	USA	Carbon Steel	0.012-0.110	60	5	Flattener
2005	12027	Precoat Metals	USA	Carbon Steel	0.010-0.060	60	5	Tension Leveler
2008	12082	JNE for AHMSA	Mexico	Carbon Steel	0.060-0.180	62	5	Flatteners (2 Units)
2010	12589	Nupro	USA	Carbon Steel	0.015-0.080	65	5	Tension Leveler
2012	12923	Nucor	USA	Carbon Steel	0.060-0.250	72	5	Flattener