

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

Year	Job	Customer	Material	Thickness (mm)	Width (mm)	No. of Rolls	Type
1956	679	Allegheny Ludlum (USA)	Stainless Steel	0.25 - 1.5	685	4	Flattener
1964	779	J & L Steel (USA)	Silicon and Carbon Steel	0.20 - 1.0	1220	17	Leveler
1965	964	Republic Steel	Carbon Steel	0.30 - 3.0	1525	17	Flattener
1965	1083	Atlas Steel (Canada)	Stainless Steel	0.20 - 1.5	1220	5	Flattener
1966	1583	TMCA (USA)	Titanium	1.0 - 6.3	1320	5	Flattener
1967	1644	US Steel (USA)	Stainless Steel	2.0 - 7.6	685	5	Flattener
1968	1739	Anaconda (USA)	Brass & Copper	0.2 - 2.0	710	3	Flattener
1969	1995	Scoville (USA)	Brass & Copper	0.25 - 3.8	1120	3	Flattener
1969	2002	Anaconda (USA)	Brass & Copper	0.6 - 3.8	1120	3	Flattener
1972	2190	Metalurgimport (USSR)	Stainless Steel	0.25 - 2.5	355	3	Flattener
1972	2207A	Centrozap (Poland)	Brass & Copper	0.25 - 1.65	710	3	Flattener
1972	2207B	Centrozap (Poland)	Brass & Copper	0.25 - 1.65	710	3	Flattener
1972	2208A	Centrozap (Poland)	Brass & Copper	0.25 - 1.65	710	3	Flattener
1972	2208B	Centrozap (Poland)	Brass & Copper	0.25 - 1.65	710	3	Flattener
1972	2282	Centrozap (Poland)	Brass & Copper	0.25 - 3.0	710	11	Flattener
1972	2320	Centrozap (Poland)	Brass & Copper	0.5 - 3.8	710	3	Flattener
1973	2304	Sharon Steel (USA)	Carbon Steel	2.0 - 4.8	915	3	Flattener
1973	2309	US Steel (USA)	Stainless Steel	2.0 - 6.3	1220	17	Leveler

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1973	2332	Texas Instrument (USA)	Stainless Steel	0.25 - 1.0	810	3	Flattener
1973	2391	Secem (Spain)	Brass & Copper	0.25 - 1.65	750	4	Flattener
1974	2431	Crucible (USA)	Stainless Steel	3.1 - 6.3	1220	5	Flattener
1974	2445	LTV Steel (USA)	Carbon Steel	0.43 - 2.72	1524	5	Flattener
1975	2478	S. A. Marvin Brazil	Brass & Copper	0.3 - 3.8	685	3	Flattener
1977	2696	Anaconda (USA)	Brass & Copper	0.5 - 3.1	1220	3	Flattener
1978	3014	Eastern Stainless Steel (USA)	Stainless Steel	0.38 - 6.3	1320	5	Flattener
1978	3014	Eastern Stainless Steel (USA)	Stainless Steel	0.38 - 6.3	1320	3	Tension Leveler
1979	2964	Nationale de Cobre (Mexico)	Brass & Copper	0.38 - 2.5	660	3	Flattener
1981	3357	GTE (USA)	Stainless Steel	0.76 - 5.0	355	5	Flattener
1982	3730	CMIEC (PRC)	Aluminum	0.2 - 2.0	1560	4	Flattener
1982	3730	CMIEC (PRC)	Aluminum	0.2 - 2.0	1560	3	Tension Leveler
1982	3581	Anaconda (USA)	Brass & Copper	0.25 - 2.5	1170	3	Flattener
1983	3834	CMIEC (PRC)	Aluminum	0.20 - 2.0	1640	4	Flattener
1983	3834	CMIEC (PRC)	Aluminum	0.20 - 2.0	1640	3	Tension Leveler
1984	5017	Brush-Wellman (USA)	Beryllium Copper	0.25 - 2.5	635	5	Flattener
1986	3833	CITIC (PRC)	Aluminum	0.20 - 2.0	1700	4	Flatteners (2 Units)

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1986	3833	CITIC (PRC)	Aluminum	0.20 - 2.0	1700	3	Tension Leveler
1986	5622	Rouge Steel (USA)	Carbon Steel	0.6 - 1.5	1830	5	Flattener
1988	5994	International Industries (Pakistan)	Carbon Steel (Hot Rolled)	1.6 - 6.3	600	5	Flattener
1989	6138	NexTech (USA)	Galvanized Steel	0.18 - 0.48	1067	5	Tension Leveler
1989	6260	Federal Iron Works (Malaysia)	Carbon Steel	0.2 - 1.6	1270	5	Flattener (2 Units)
1989	6260	Federal Iron Works (Malaysia)	CQ, DQ, DDQ Galvanized Steel	0.2 - 1.6	1270	5	Tension Leveler
1990	6243	LTV (USA)	CR, Galvanized, Galvannealed, Electro-plated	0.25 - 3.1	1830	5	Flattener
1990	6333	Sam Yang Metals (Korea)	Aluminum	0.2 - 2.0	1600	3	Tension Leveler
1991	6249	DongBu Steel (Korea)	Single & Double Reduced Steel (Black Plate)	0.17 - 0.4	965	6	Tension Leveler
1991	6384	Tang Eng. (Taiwan)	Stainless Steel	0.2 - 2.0	1300	5	Flattener
1991	6384	Tang Eng. (Taiwan)	Stainless Steel	0.2 - 2.0	1300	5	Tension Leveler
1992	6555	DongBu Steel (Korea)	Carbon Steel	0.38 - 4.5	1250	5	Flattener
1993	6604	Hainan Pengda (PRC)	Carbon Steel (Hot Rolled)	1.6 - 4.5	1300	5	Flattener
1994	6806	USX (USA)	Carbon Steel (Hot Rolled)	1.2 - 4.8	1400	5	Processor
1994	6851	IMSA (Mexico)	Carbon Steel	0.2 - 1.5	1245	5	Flattener

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1995	6978	IMSA (Mexico)	Galvanized Steel	0.2 - 1.2	1270	5	Flattener (2 Units)
1995	7156	USX (USA)	Carbon Steel	0.2 - 1.0	1270	5	Flattener (2 Units)
1995	7156	USX (USA)	Galvanized Steel	0.2 - 1.0	1270	7	Tension Leveler
1995	7742	GalvTech (USA)	Galvanized Steel	0.2 - 1.0	1245	5	Tension Leveler
1997	7997	Winner Steel Services (USA)	Carbon Steel	0.2 - 1.65	1524	3	Flattener (2 Units)
1997	7997	Winner Steel Services (USA)	Galvanized Steel	0.2 - 1.65	1524	5	Tension Leveler
1998	10255	GalvPro (USA)	Galvanized Steel	0.2 - 1.0	1524	5	Tension Leveler
1999	10467	Duferco Farrell (USA)	Hot Rolled Carbon Steel	1.3 - 4.8	1422	5	Processor
2000	10414	Dofasco (Canada)	Galvanized Steel	0.28-2.3	1524	5	Tension Leveler
2000	10610	Weirton (USA)	Galvanized Steel	0.74-3.4	1245	5	Tension Leveler
2000	10832	Carpenter Technologies (USA)	Stainless Steel	0.25 - 6.3	406	5	Flattener
2001	10988	Roll Coater (USA)	Painted And Embossed Carbon Steel	0.20 - 1.40	1575	3	Crossbow Removal
2003	11441	Roll Coater (USA)	Painted/ Embossed Steel	0.43 - 0.53	1372	6	Tension Leveler

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2003	11473	Roll Coater (USA)	Painted/ Embossed Steel	0.43 - 0.53	1372	6	Tension Leveler
2004	11573	Steel Dynamics (USA)	Carbon Steel	0.38 - 1.0	1524	5	Flatteners (2 Units)
2005	11410	Wheeling-Pittsburgh (USA)	Carbon Steel	0.3 - 2.8	1524	5	Flattener
2005	12027	Precoat Metals (USA)	Carbon Steel	0.25 - 1.5	1524	5	Tension Leveler