

**REFERENCE LIST
PICKLING SYSTEMS
Designed and Built by
A•D•S Machinery Corp.**

YEAR	JOB	CUSTOMER	EQUIPMENT
1962	1172	Armco Steel (USA)	Process section for 635mm stainless steel anneal and pickle line
1963	1253	Republic Steel (USA)	Upgrade process section of 1250mm carbon steel continuous pickle line
1964	1283	Sharon Steel (USA)	Upgrade process section of 1270mm stainless steel anneal and pickle line
1964	1308	Crucible Steel (USA)	Upgrade process section of 1350mm stainless steel anneal and pickle line
1965	1405	Ingersoll Steel (USA)	Process section for 1270mm stainless steel anneal and pickle line
1965	1476	Republic Steel (USA)	Upgrade process section of 1525mm carbon steel continuous pickle line
1966	1603	Republic Steel (USA)	Upgrade process section of 1270mm carbon steel continuous pickle line
1967	1620	Crucible Steel (USA)	Process section for 1270mm stainless steel anneal and pickle line
1968	1739	Anaconda (USA)	712mm non-ferrous anneal and pickle line
1970	2002	Anaconda (USA)	1270mm non-ferrous anneal and pickle line
1971	1995	Century Brass (USA)	1270mm non-ferrous anneal and pickle line
1971	2044	Thinsheet (USA)	660mm non-ferrous anneal and pickle line
1972	1997	Century Brass (USA)	1270mm non-ferrous push-pull pickle line
1972	2172	Armco Steel (USA)	1828mm carbon steel sheet pickler
1973	2207	Centrozap (Poland)	737mm non-ferrous pickle line (2 lines)
1973	2208	Centrozap (Poland)	737mm non-ferrous pickle line (2 lines)
1973	2320	Centrozap (Poland)	737mm non-ferrous anneal and pickle line
1973	2280	Noranda (Canada)	610mm non-ferrous anneal and pickle line
1973	2304	Sharon Steel (USA)	Upgrade process section of 1270mm carbon steel continuous pickle line
1978	2478	S. A. Marvin (Brazil)	660mm non-ferrous pickle line

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YEAR	JOB	CUSTOMER	EQUIPMENT
1978	2696	Anaconda (USA)	1270mm non-ferrous anneal and pickle line
1980	2964	National de Cobre (Mexico)	660mm non-ferrous anneal and pickle line
1980	3379	Republic Steel (USA)	Pickling section for 1270mm EGL line
1982	3519	Southwestern Pipe (USA)	Pickling section for 250mm hot dip galvanizing line
1982	2214	Texas Instruments (USA)	Process section for 660mm stainless steel anneal and pickle line
1982	3581	Anaconda (USA)	1270mm non-ferrous anneal and pickle line
1982	3736	Brush Wellman (USA)	460mm scrubber for non-ferrous pickle line
1984	3960	Thomas Steel (USA)	Upgrade process section of 1828mm carbon steel push-pull pickle line
1985	5213	S. A. Marvin (Brazil)	Upgrade process section of 660mm non-ferrous pickle line
1986	5467	Brush Wellman (USA)	Upgrade process section of 457mm non-ferrous pickle line
1987	5339	Brush Wellman (USA)	Exit section for 460mm non-ferrous salt bath line
1988	5079	Wallingford Steel (USA)	Upgrade process section of 660mm stainless steel anneal and pickle line
1988	5710	LTV Steel (USA)	Upgrade process section of 1524mm carbon steel pickle line
1988	6040	U. S. Steel (USA)	Engineering study – 84” carbon steel continuous pickle line
1989	5994	International Industries (Pakistan)	Semi-continuous carbon steel pickle line
1990	6524	Northwest Copper (China)	350mm non-ferrous anneal and pickle line
1991	6604	Hainan-Pengda Sheet Steel (China)	1270mm carbon steel push-pull pickle line
1993	6806	US Steel (USA)	Modernize Processor at Pickle Line
1993	6589	Great Lakes Metal (USA)	Brush rinse for 710mm non-ferrous anneal and pickle line
1995	7717E	US Steel (USA)	Engineering study to upgrade 1400mm semi-continuous pickle line
1995	7154	Armco Steel (USA)	Design and build stitcher 1270mm x 5mm

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YEAR	JOB	CUSTOMER	EQUIPMENT
1996	7083	US Steel (USA)	1270mm Carbon Steel Pickle Line Design and build unfolding rolls following wet pit.
1997	7677	US Steel (USA)	Design and build ID Control Unit for upcoiler
1997	8163	US Steel (USA)	Design and build rotary side guides preceding pickle tanks
1997	7906	SPAX (USA)	Add pickle section to 250mm hot dip galvanizing line
1999	10467	Duferco Farrell (USA)	56" Carbon Steel Pickle Line Upgrade complete line