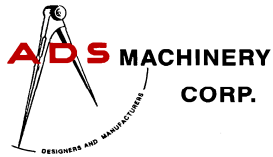




REFERENCE LIST
PICKLING SYSTEMS
 Designed and Built by
A•D•S Machinery Corp

YEAR	JOB	CUSTOMER	LOCATION	EQUIPMENT
1962	1172	Armco Steel	USA	Process section for 635 mm stainless steel anneal and pickle line
1963	1253	Republic Steel	USA	Upgrade process section of 1250 mm carbon steel continuous pickle line
1964	1283	Sharon Steel	USA	Upgrade process section of 1270 mm stainless steel anneal and pickle line
1964	1308	Crucible Steel	USA	Upgrade process section of 1350 mm stainless steel anneal and pickle line
1965	1405	Ingersoll Steel	USA	Process section for 1270 mm stainless steel anneal and pickle line
1965	1476	Republic Steel	USA	Upgrade process section of 1525 mm 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 1270 mm stainless steel anneal and pickle line
1968	1739	Anaconda	USA	712 mm non-ferrous anneal and pickle line
1970	2002	Anaconda	USA	1270 mm non-ferrous anneal and pickle line
1971	1995	Century Brass	USA	1270 mm non-ferrous anneal and pickle line
1971	2044	Thinsheet	USA	660 mm non-ferrous anneal and pickle line
1972	1997	Century Brass	USA	1270 mm non-ferrous push-pull pickle line
1972	2172	Armco Steel	USA	1828 mm carbon steel sheet pickler
1973	2207	Centrozap	Poland	737 mm non-ferrous pickle line (2 lines)
1973	2208	Centrozap	Poland	737 mm non-ferrous pickle line (2 lines)
1973	2320	Centrozap	Poland	737 mm non-ferrous anneal and pickle line
1973	2280	Noranda	Canada	610 mm non-ferrous anneal and pickle line
1973	2304	Sharon Steel	USA	Upgrade process section of 1270 mm carbon steel continuous pickle line
1978	2478	S. A. Marvin	Brazil	660 mm non-ferrous pickle line
1978	2696	Anaconda	USA	1270 mm non-ferrous anneal and pickle line
1980	2964	National de Cobre	Mexico	660 mm non-ferrous anneal and pickle line
1980	3379	Republic Steel	USA	Pickling section for 1270 mm EGL line
1982	3519	Southwestern Pipe	USA	Pickling section for 250 mm hot dip galvanizing line
1982	2214	Texas Instruments	USA	Process section for 660 mm stainless steel anneal and pickle line
1982	3581	Anaconda	USA	1270 mm non-ferrous anneal and pickle line
1982	3736	Brush Wellman	USA	460 mm scrubber for non-ferrous pickle line
1984	3960	Thomas Steel	USA	Upgrade process section of 1828 mm carbon steel push-pull pickle line
1985	5213	S. A. Marvin	Brazil	Upgrade process section of 660 mm non-ferrous pickle line
1986	5467	Brush Wellman	USA	Upgrade process section of 457 mm non-ferrous pickle line



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YEAR	JOB	CUSTOMER	LOCATION	EQUIPMENT
1987	5339	Brush Wellman	USA	Exit section for 460 mm non-ferrous salt bath line
1988	5079	Wallingford Steel	USA	Upgrade process section of 660 mm stainless steel anneal and pickle line
1988	5710	LTV Steel	USA	Upgrade process section of 1524 mm carbon steel pickle line
1988	6040	U. S. Steel	USA	Engineering study – 2133 mm carbon steel continuous pickle line
1989	5994	International Industries	Pakistan	Semi-continuous carbon steel pickle line
1990	6524	Northwest Copper	China	350 mm non-ferrous anneal and pickle line
1991	6604	Hainan-Pengda Sheet Steel	China	1270 mm 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 710 mm non-ferrous anneal and pickle line
1995	7717E	US Steel	USA	Engineering study to upgrade 1400 mm semi-continuous pickle line.
1995	7154	Armco Steel	USA	Design and build stitcher 1270 mm x 5mm
1996	7083	US Steel	USA	1270 mm Carbon Steel Pickle Line. Design&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 250 mm hot dip galvanizing line
1999	10467	Duferco Farrell	USA	1422 mm Carbon Steel Pickle Line. Upgrade complete line.
2007	12236	US Steel	USA	Exit Section Equipment for Continuous Pickle Line
2009	12082	AHMSA	Mexico	Entry Section Equipment for Continuous Pickle Line
2009	12333	AHMSA	Mexico	Wringer Rolls for Pickle Section
2013	12923	Nucor	Crawfordsville	Entry Knock Down Roll, Pinch Roll, and Flattener