



Reference list

BUMA
engineering

Project	Customer	Project description	Year
revamp roughing mill	voestalpine Grobbblech GmbH	descaling, work roll, WR-bending and balancing, roller tables	2001 - 2004
scale system	voestalpine Grobbblech GmbH	enlargement scalebucket, automatic bucket handling	2004
belt grinding machine 1 + 2	voestalpine Grobbblech GmbH	revamp of the existing belt grinding machine	2004
belt grinding machine 4	voestalpine Grobbblech GmbH	revamp of the existing belt grinding machine	2005
brushing machine	voestalpine Grobbblech GmbH	brushing machine for nickel-alloys with decoiler, brush and shear	2005
sand blasting machine	voestalpine Grobbblech GmbH	modernization of roller table	2005
pinch roll unit	voestalpine Grobbblech GmbH	design of a pinch roll unit	2005
belt grinding machine 3	voestalpine Grobbblech GmbH	design of a new belt grinding machine for heavy plates	2006
cooling bed	voestalpine Grobbblech GmbH	new cooling bed for heavy plates	2006
cross conveyor	voestalpine Grobbblech GmbH	transfer bed for heavy plates	2006
levelling press	voestalpine Grobbblech GmbH	modernization of the levelling press step 1	2007 - 2008
pusher-type furnace	voestalpine Grobbblech GmbH	new heating sections, new discharging machine, new skid pipes	2007

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pit-furnace cover car	voestalpine Grobbblech GmbH	new car for manipulating the covers of the pit furnace	2007
turning rollertable	voestalpine Grobbblech GmbH	extention of the turning rollertable in the roughing mill area	2008
walking beam furnace	voestalpine Grobbblech GmbH	revamp of the walking beam furnace	2008
rapid cooling	voestalpine Grobbblech GmbH	new water supply for rapid cooling in the plate mill	2008
pusher-type furnace 2	voestalpine Grobbblech GmbH	complete engineering for a new pusher-type furnace	2008 - 2011
temperature scanner	voestalpine Grobbblech GmbH	design of a shiftable support for the scanner	2008
side guides	voestalpine Grobbblech GmbH	modernization of the entry and exit side guides in the plate mill	2008
sand blasting plant	voestalpine Grobbblech GmbH	engineering of the roller table for the sand blasting plant	2008 - 2009
levelling press	voestalpine Grobbblech GmbH	revamp of the existing levelling press step 2	2008 - 2009
plate manipulator	voestalpine Grobbblech GmbH	plate manipulator for a welding robot for plates up to 30t	2009
deburring machine	voestalpine Grobbblech GmbH	development and design of an fully automatic deburring machine for heavy plates	2009 - 2010
hot leveller	voestalpine Grobbblech GmbH	design of a new 9-roll hot leveller	2009

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belt grinding machine 5 - 8	voestalpine Grobbblech GmbH	design of new belt grinding machines for heavy plates	2009
surface inspection	voestalpine Grobbblech GmbH	design of a surface inspection stand for plates	2009
normalizing furnace	voestalpine Grobbblech GmbH	engineering of an extention of the normalizing furnace	2009
plate turning device	voestalpine Grobbblech GmbH	engineering of a complete plate turning device	2009
descaler	voestalpine Grobbblech GmbH	new descaler after the pusher-type furnace	2009
hardening basin	voestalpine Grobbblech GmbH	engineering of a new hardening basin	2010
milling cutter manipulator	voestalpine Grobbblech GmbH	engineering of a milling cutter manipulator for the slab milling machine	2012
ultrasonic testing table	voestalpine Grobbblech GmbH	design of the testing table for a ultrasonic testing stand	2012
metal forming tools	voestalpine Grobbblech GmbH	design of varios metal forming tools for a plate press	2005 - 2012
plate mill	Böhler Bleche GmbH	engineering for a complete mill stand and plate handling equipment (roller tables, shear, conveyors)	2012 - 2013
drive train	voestalpine Grobbblech GmbH	engineering of a drive train for the plate mill stand	2013
slab cutting line	voestalpine Stahl GmbH	engineering of a new slab cutting line for slabs with max. 355mm	2011 - 2014
laminating plant	voestalpine Grobbblech GmbH	development of a laminating plant for heavy plates	2014

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plate mill stand	voestalpine Grobbblech GmbH	complete engineering for a new plate mill stand including main drive and adjacent equipment (roller tables, sideguides)	2009 - 2015
belt grinding machine 9	voestalpine Grobbblech GmbH	engineering of a new belt grinding machine	2016
cold leveller	voestalpine Grobbblech GmbH	development and design of a new cold leveller	2016
roll assembly shop	voestalpine Grobbblech GmbH	engineering of a new roll assembly shop with all necessary equipment	2016

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tundish handling area	voestalpine Stahl GmbH	engineering of a new tundish handling area	2013 - 2015
secondary metallurgical plant 4	voestalpine Stahl GmbH	handling and purchase	2013 - 2015
tilting cradle 4	voestalpine Stahl GmbH	engineering and delivery of a new tilting cradle 4	2014 - 2015
tilting cradle 2	voestalpine Stahl GmbH	study for a new tilting cradle 2	2016
study modernization lime supply	voestalpine Stahl GmbH	study for a new dust removal plant	2016
mixing plant for refractory concrete	voestalpine Stahl GmbH	engineering of a mixing plant for refractory concrete	2016

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gearbox for main drive	voestalpine Stahl GmbH	engineering of new gearboxes for the main drive of the finishing mill	1997
side guides	voestalpine Stahl GmbH	engineering of new exit side-guides for the roughing mill stand	2002
roughing mill stand	voestalpine Stahl GmbH	engineering of a new roughing mill stand	2004
coil transport system	voestalpine Stahl GmbH	engineering of the new coil transport system in the hot rolling mill	2004
finishing mill	voestalpine Stahl GmbH	engineering of the complete finishing mill area	2004 - 2011
roughing mill stand	Mittal Steel Poland	design of the new roughing mill stand for Krakow	2007
coil transport system	ISD Dunafer Zrt.	engineering of a coil transport system for hot coils to the pickling line	2008
coil transport system	ISD Dunafer Zrt.	engineering of a transport system in the hot rolling mill	2008 - 2009
finishing stand	Allegheny	engineering of new finishing mill	2010 - 2011
finishing stand	Hoesch Hohenlimburg	engineering of new finishing mill for hot strip mill	2011 - 2012
sample cutting line	voestalpine Stahl GmbH	engineering of a sample cutting line for 20 mm thickness	2009 - 2013
flywheel	Böhler Bleche GmbH	installation of a flywheel for the main drive trio mill	2011
scarfing line	voestalpine Stahl GmbH	engineering of a transport system for the scarfing line	2013 - 2014
modernization entry area downcoiler	Buderus Edelstahl GmbH	engineering of the entry area downcoiler	2015
descaling	Buderus Edelstahl GmbH	design of a rotor descaling box	2015

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study coil conveyor	voestalpine Stahl GmbH	feasibility study and basic design of a hot coil conveyor	2016
study roller table	voestalpine Stahl GmbH	Conducting the investigation for a roller table covering	2016
Roll EX	Böhler Bleche GmbH	modernization of a existing rolling mill including change from a trio mill stand to a duo mill stand	2016 - 2018
packet stacker	OneSteel Sydney	modernization of the drive unit for a packet stacker	2016
exhaust gas	OneSteel Sydney	engineering and delivery of an exhaust gas for a pusher-type furnace	2016

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welded tube plant	voestalpine Krems GmbH	engineering for modernization - saw car, entry section, scarfer	1999 - 2008
welded tube plant	voestalpine Krems GmbH	engineering for saw car, tube stacker, tube turning device	1999 - 2008
welded tube plant	voestalpine Krems GmbH	new saw car with automatic tube holding brackets	1999
welded tube plant	voestalpine Krems GmbH	modernization - coil car, tube turning device, scarfer, forming section	2000 - 2008
welded tube plant	voestalpine Krems GmbH	engineering for modernization - saw car, forming section	2000 - 2003
tilting table	voestalpine Schienen GmbH	delivery of a new entry tilting table for a trio-rolling mill	2000
hardening basin	voestalpine Schienen GmbH	adaption of existing hardening basin for head-hardening of rails	2002 - 2004
welded tube plant	voestalpine Krems GmbH	guides, mechanic equipment for welding section, tube stacker	2003
welded tube plant	voestalpine Krems GmbH	tube stacker, modernization saw car	2004
welded tube plant	voestalpine Krems GmbH	driver unit, hand-over table	2004
welded tube plant	voestalpine Krems GmbH	extention forming section	2006
leveller	voestalpine Schienen GmbH	changing device for levelling rollers	2006
hot saw	voestalpine Schienen GmbH	modernization of hot saw	2006
hardening basin	voestalpine Schienen GmbH	engineering of new hardening basins and rail handling equipment	2008 - 2009
welded tube plant	voestalpine Krems GmbH	guiding units, mechanic equipment for welding section	2008

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guiding stand	voestalpine Krems GmbH	engineering of guiding stand for tube welding line	2008
cutting line - shear	voestalpine Krems GmbH	engineering of a shear for the cutting line	2009
stamping machine	voestalpine Krems GmbH	engineering of a stamping machine for tube welding line	2009
cutting line - leveller	voestalpine Krems GmbH	engineering of a leveller for the cutting line	2010
billet charging table	SAH Annahütte	engineering of a billet charging table	2011
modernization drive	voestalpine Krems GmbH	modernization drive for tube welding line	2012
entry guide decoiler	voestalpine Krems GmbH	engineering of a entry guide decoiler	2014
cooling bed roller table	SAH Annahütte	engineering and delivery of a cooling bed roller table with scrap removal system	2014
cutting line - coil car	voestalpine Krems GmbH	engineering of a coil car	2015
looper table	Riva Stahl GmbH	engineering and delivery of a looper table for a wire rolling mill	2016
guiding tunnel with a rail manipulator	voestalpine Schienen GmbH	engineering, manufacturing and erection of a guiding tunnel with rail manipulator for 120 m rails	2016 - 2017

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coil preparation line	voestalpine Krems GmbH	modernization of the complete coil preparation line	1999
exit section pickling line	voestalpine Stahl GmbH	adaption of the exit section of the pickling line	1999
coil slitting line	voestalpine Krems GmbH	modernization - coil car, leveller, cutting shears, exit section	1999 - 2009
coil slitting line	voestalpine Krems GmbH	modernization - scrap guiding, coil car, side guides	1999 - 2009
coil preparation line	voestalpine Krems GmbH	modernization - uncoiler drive, leveller	2000 - 2008
cold rolling simulator	voestalpine Stahl GmbH	engineering of a cold rolling and skin-pass simulator	2002
skin pass mill	Salzgitter Flachstahl AG	engineering - coil preparation, mill entry section, mill components	2002
cold rolling simulator	Salzgitter Flachstahl AG	engineering of a cold rolling and skin-pass simulator	2005
coiler pickling line	voestalpine Stahl GmbH	adaption of the coiler for increasing coil weight and dimensions	2007
cold rolling simulator	Shougang Jingtang United Iron & Steel Co. Ltd	engineering of a cold rolling and skin-pass simulator	2008
coil slitting line	voestalpine Krems GmbH	desgin of a new shear with automatic adaption of cutting clearance	2009
bending device pickling line	voestalpine Stahl GmbH	engineering of a bending device for the pickling line	2009
feeding table	voestalpine Anarbeitung GmbH	modernization of the feeding table	2010
snubber roll	Saudi Iron and Steel Company	design of snubber rolls for a CGL	2015

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hydraulic schematics push-pull pickling line	Andritz AG	development of a hydraulic schemata for a complete push-pull pickling line	2016
downcoiler mandrel	Andritz AG	design of a new downcoiler mandrel	2016
filter press	voestalpine Stahl GmbH	engineering in the area of the filter press of the acid regeneration	2016
rinsing section pickling line	voestalpine Stahl GmbH	engineering of a new rinsing section for the existing continuous pickling line	2016
entry table and S-block	Yieh Loong Co. Ltd	engineering of a entry table and modernization of a S-block for a skin pass mill	2016

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spindle balancing	Bethlehem Steel - Sparrows Point	design and delivery of a new spindle balancing system	1998
spindle balancing	Lukens Plate - reversing mill	desgin and delivery of a new spindle balancing system	1999
spindle balancing	Ilva S.p.a. - Taranto	design of a new spindle balancing system	1999
spindle balancing	Ilva S.p.a. - Taranto	design of a new spindle balancing system	2000
spindle balancing	voestalpine Grobblech GmbH	engineering of a spindle balancing system for the plate mill	2001
spindle balancing	Novelis Inc. - Sierre	design and delivery of a new spindle balancing system	2003
spindle balancing	Oregon Steel - Portland	design and delivery of a new spindle balancing system	2004
inspection line	Novelis Inc. - Sierre	design and delivery of a inspection line for aluminium sheets	2005
spindle balancing	voestalpine Stahl GmbH	engineering of a spindle balancing system for the roughing mill	2005
bending machine	voestalpine Krems GmbH	modernization of a bending machine for pipes, 750kN force	2005
sorting line	voestalpine Krems GmbH	design of an automatic sorting line for pipes	2007
vertical cement grinder	Cemtec GmbH	engineering for two vertical cement grinders	2007 - 2008
work roll bearing	AMAG rolling GmbH	engineering of new work roll gearings for the DUO-rolling mill	2007
furnace discharging machine	Böhler Bleche GmbH	engineering of a new furnace discharging machine	2008
extention roller table	Böhler Bleche GmbH	engineering of a roller table with increased width	2008

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safety clutch	Böhler Bleche GmbH	design of a safety clutch for a mill drive	2008
side guides	Böhler Bleche GmbH	reinforcement of the side guides	2008
tilting table (6to-slab)	Böhler Bleche GmbH	engineering of a lifting table, roller table and descender for slabs	2009
train for weed extinction	ÖBB Technische Services GmbH	design of the technical equipment for a train for weed extinction	2010
molds for concrete guard rails	Neubacher GmbH	engineering of molds for concrete guard rails	2010 - 2011
rail test stand	voestalpine Schienen GmbH	development and delivery of a test stand for rails and railroad wheels	2010 - 2012
concrete saw	Huemer GmbH	engineering and delivery of a concrete saw for the tunnel extension	2015 - 2016
study for automatic plate storage area	SLC Wien GmbH	study and layout of an automatic plate storage area for a shearing line	2016

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