

Process Engineering Reference Objects (selection)

7/2013

- 1991 Arnstadt Kristall GmbH, Arnstadt, Germany**
Acid polishing unit, type 1000-930-3, with absorption and hexafluorosilicic acid extraction; etching sludge treatment incl. heavy metal precipitation; neutralisation and acid tank farm
Contact:
Mr. Heller
Phone +49 (0)362 866000
E-Mail: heller@arnstadt-kristall.de
- 1992 Berlinger Glas Herbert Kubatz GmbH & Co. KG
Syrgenstein-Landshausen, Germany**
Derelecting unit with absorption and hexafluorosilicic acid extraction; neutralisation and acid tank farm
Contact:
Mr. Dr. Reich
Phone +49 (0)9077 958950
E-Mail: reich@berlingerglas.de
- 1993 Asfour Crystal, Cairo, Egypt**
Acid polishing unit, type 550-630-3, with absorption and neutralisation
- 1994 Asfour Crystal, Cairo, Egypt**
Acid polishing unit, type 550-630-3
- 1994 /95 J. Blazek Sklo Podebrady, Czech Republic**
Derelecting unit with absorption, neutralisation and acid tank farm
- 1994 J. Blazek Sklo Podebrady, Czech Republic**
Grinding water treatment unit
- 1994 Ching Tay Industrial, Taiwan**
Acid polishing unit, type 550-630-3, with absorption and neutralisation
- 1995 J. Blazek Sklo, Podebrady, Czech Republic**
Acid polishing unit, type 1000-930-3, with absorption and hexafluorosilicic acid extraction; neutralisation and acid tank farm
- 1995 Universal Crystal, Israel**
Customised acid polishing unit for polishing glass jewellery, with absorption, neutralisation and acid tank farm

- 1995** **Glassworks Neman, Republic of Belarus**
Acid polishing unit, type 1100-930-3 Ultra, with automatic acid concentration monitoring and dosing; automatic programme and production saving attribute; control electronics on the basis of Windows NT
- 1996** **Xandra Crystal sro., Cerenany-Castle, Slovakia**
Acid polishing unit, type 1000-930-3, with absorption, neutralisation and acid tank farm
- 1997** **Cristallerie de Baccarat, France**
Acid polishing unit, type 1000-930-3
- 1998** **Mandata Crystal, Portugal**
Acid polishing unit, type 1100-930-3 Ultra, with absorption, neutralisation and acid tank farm
- 1998** **Heraeus Quarzglas GmbH Hanau, Germany**
Absorption unit for 30000 m³/h and hexafluorosilicic acid extraction
- 1999** **Glassworks Neman, Republic of Belarus**
Acid polishing unit, type 1100-930-3 Ultra, with automatic acid concentration monitoring and dosing; automatic programme and production saving attribute; control electronics on the basis of Windows NT
- 1999** **Frankonia Kristallglas, Germany**
Acid polishing unit, type 1000-930-3 , with absorption, neutralisation and acid tank farm
- 1999** **Very Luck Glass Ltd., China**
Acid polishing unit, type 550-630-3 and acid tank farm
- 1999** **Mandata, Marinha Grande, Portugal**
Acid polishing unit, type NSPA 1100-930-3 Ultra
With absorption and hexafluorosilicic acid extraction; neutralisation and acid tank farm
- 2000** **Berliner Glas Herbert Kubatz GmbH & Co. KG
Syrgenstein-Landshausen, Germany**
Test-Derelecting unit
Contact:
[Mr. Dr. Reich](#)
[Phone +49 \(0\)9077 958950](tel:+49(0)9077958950)
[E-Mail: reich@berlinerglas.de](mailto:reich@berlinerglas.de)

- 2000** **Crystal Plant-Gus Khrustalny, Russia**
Acid polishing unit, type 1100-930-3 Ultra,
with full automatic acid dosing unit
Contact:
Ex Director Alexndr Ivanovitsch Kaschkin
E-Mail: tommot@inbox.ru
Phone +7 919 0130675
- 2000** **Steuler Industrierwerke, Germany**
Absorption unit for 12000 m³/h and hexafluorosilicic acid extraction
- 2001** **Crystal Plant-Gus Khrustalny, Russia**
Acid polishing unit, type 1100-930-3 Ultra,
with full automatic acid dosing unit
Contact:
Ex Director Alexndr Ivanovitsch Kaschkin
E-Mail: tommot@inbox.ru
Phone +7 919 0130675
- 2001** **Crystal de Paris, France**
Acid polishing unit, type 'Vision 2000'
with full automatic acid dosing unit and
automatic sedimentation unit
- 2001** **Frankonia Kristallglas, Germany**
Acid polishing unit, type 'Vision 2000' complete
with fully-automatic metering and consumption determination system
- 2002** **German Crystal Döbern GmbH, Germany**
Acid polishing unit, type 1000-930-3
Contact:
Mr. Ronald Klauke
Phone +49 (0)35 60029227
E-Mail: klauke.r@lgh.ag.de
- 2002** **Arnstadt Kristall GmbH, Arnstadt, Germany**
Acid polishing unit, type Vision 2000 L
Contact:
Mr. Heller
Phone +49 (0)362 866000
E-Mail: heller@arnstadt-kristall.de
- 2003** **German Crystal Döbern GmbH, Germany**
Acid polishing unit, type 1000-930-3
Contact:
Mr. Ronald Klauke

- 2003** **Crystal Plant-Gus Khrustalny, Russia**
Acid polishing unit type NSPA 1100-930-3 Ultra
with full automatic acid dosing unit,
Contact:
Ex Director Alexndr Ivanovitsch Kaschkin
E-Mail: tommot@inbox.ru
Tel. +7 919 0130675
- 2003** **La Opala/Madhupur, INDIA**
Acid polishing unit, type NSPA 1000-930-3 ECO
with acid dosage manuell/automatic
Acid storage for HF and H2SO4
Contact:
Mr. Jhunjhunwala Ajit
E-Mail: aj@laopala.in
Phone+91 3330536659 /57/58
- 2004** **Crystal Plant-Gus Khrustalny, Russia**
Acid polishing unit type NSPA 1100-1860-3 Ultra
with full automatic acid dosing unit,
Absorption unit and hexafluorosilicic acid extraction
Contact:
Ex Director Alexndr Ivanovitsch Kaschkin
E-Mail: tommot@inbox.ru
Phone +7 919 0130675
- 2004** **Derix Glasstudio, Germany**
Acid polishing unit for coloured flatglass
with absorption and acid tank farm
- 2005** **Berliner Glas Herbert Kubatz GmbH & Co. KG**
Syrgenstein-Landshausen, Germany
Acid tank farm and laboratory equipment
Contact:
Mr. Dr. Reich
Phone+49 (0)9077 958950
E-Mail: reich@berlinerglas.de
- 2005** **Exclusiv Alko, Russia**
Frosting unit for bottles 250.000 pc/month with complete basins for chemical,
heating and absorption (environmental)

- 2005** **German Crystal Döbern GmbH, Germany**
Acid polishing unit type NSPA 1100-1860-3 Ultra
with full automatic acid dosing unit,
Absorption unit and hexafluorosilicic acid extraction,
acid tank farm, Acid waste water neutralisation
Contact:
Mr. Ronald Klauke
Phone +49 (0)35 60029227
E-Mail: klauke.r@lgh.ag.de
- 2005** **Atlantis Crystal, Portugal**
Acid polishing unit type NSPA 1100-930-3 Ultra
with full automatic acid dosing unit,
Acid polishing unit, type NSPA 800-1200-3
with full automatic acid dosing unit,
Absorption unit and hexafluorosilicic acid extraction
- 2006** **Arnstadt Kristall GmbH, Germany**
Acid polishing unit, type NSPA 100-930-3
with full automatic acid dosing unit
Contact:
Mr. Heller
Phone +49 (0)362 866000
E-Mail: heller@arnstadt-kristall.de
- 2006** **Berliner Glas Herbert Kubatz GmbH & Co. KG
Syrgenstein-Landshausen, Germany**
Fully automatic flat glass dereflecting unit for technical
Glass, displays, etc.
Absorption unit with 12.000 m³/h
and hexafluorosilicic acid extraction
Tank farm for HF and H₂SO₄ complete with fully
Automatic metering and consumption determination systems
Contact:
Mr. Dr. Reich
Phone+49 (0)9077 958950
E-Mail: reich@berlinerglas.de
- 2006** **German Crystal Döbern GmbH, Germany**
Absorptions unit 15.000 m³/h with hexafluorosilicic acid extraction
Contact:
Mr. Ronald Klauke
Tel. +49 (0)35 60029227
E-Mail: klauke.r@lgh.ag.de

- 2007** **Crystal Saint Louis, FRANKREICH**
Acid polishing unit, type NSPA 800-1200-3 with Fullautomatic acid dosing unit
Acid polishing unit for specially kind of stemware
Absorption unit with 6.000 m³/h with hexafluorosilicic acid extraction
Tank farm for HF and H₂SO₄
Absorption unit with 6.000 m³/h with hexafluorosilicic acid extraction
Tank farm for HF and H₂SO₄
Contact:
Mr Fuhrmann
Phone +33 (0)387064004
E-Mail: gerard.fuhrmann@cristal-saint-louis.com
- 2007** **BOV, Bayreuther Oberflächen Veredelung GmbH, GERMANY**
Acid polishing unit, type NSPA 1000-930-3 with full automatic acid dosing unit
Frosting unit, type 1101.
Absorption unit for 6.000 m³/h and hexafluorosilicic acid Extraction
Acid waste water neutralisation with automatic
Vacuum drum filter -
Acid tank farm for HF and H₂SO₄
Contact:
Mr. Reymann
Phone +49 (0)921 7866951
E-Mail: info@bov-gmbh.de
- 2008** **Cristalleries of Baccarat, France**
Accessories for acid polishing equipment
Neutra chemical pumps, drive shaft seals
Counseling, etc.
- 2008** **CSL Cristal Saint-Louis, France**
Extensive range of polishing floors and equipment for the acid polishing plant. Vacuum drum filter system for the neutralization.
Contact:
Mr. Fuhrmann
Phone +33 (0) 387064004
E-Mail: [gerard.fuhrmann @ cristal-saint-louis.com](mailto:gerard.fuhrmann@cristal-saint-louis.com)
- 2008** **Südeloxal Rosenheim, Germany**
Electroplating plant, complete with accessories, installation and commissioning
- 2008** **Gröbner manufacturing Petting GmbH, Germany**
Eloxalunit complete with accessories, suction, installation and commissioning

- 2008** **ECOLAB Engineering GmbH, Germany**
Dosingframe for HITEC Units
- 2008** **MWK Biogasanlagen Rosenheim GmbH, Germany**
Condensation container for biogas units inclusive technical design
Contact:
Mr. Wackerbauer
Phone: +49 8031 30419-19
E-Mail: info@mwk-biogasanlagen.com
- 2008** **Semitool Austria GmbH, Austria**
Plastic „Coopertower Frame”
- 2009** **Berliner Glas Herbert Kubatz GmbH & Co. KG**
Syrgenstein-Landshausen, Germany
Complete covering of the technical system including technical design
Contact:
Mr. Dr. Reich
Phone+49 (0)9077 958950
E-Mail: reich@berlinerglas.de
- 2009** **CSL Cristal Saint-Louis, France**
Design and building of an Ammonium unit for glass surface treatment
inclusive the environmental system
Contact:
Mr. Fuhrmann
Phone +33 (0) 387064004
E-Mail: [gerard.fuhrmann @ cristal-saint-louis.com](mailto:gerard.fuhrmann@cristal-saint-louis.com)
- 2009** **La Opala/Madhupur, INDIA**
2010 Neutralisation for unit, type NSPA 1000-930-3 ECO
With Neutra 950/400 Vacuum Drum Filter
Acid storage for HF and H2SO4
Contact:
Mr. Jhunhunwala Ajit
E-Mail: aj@laopala.in
Phone+91 3330536659 /57
- 2009** **Rosenberger Hochfrequenz GmbH & Co.KG, Germany**
Several plastic basins for electroplating units
- 2010** **Iittala Group Ltd., Finland**
2011 complete frosting unit for glass articles, design, installation and assembly
inclusive environmental equipment
www.iittala.com

- 2010** **Nachtmann GmbH Weiden, Germany**
Complete covering of the existed unit inclusive technical construction
- 2010** **JAHAN Crystal, IRAN**
Design and installation/assembly of a complete acid polishing unit
www.jahancrystal.com
- 2011** **Schott AG, Mainz**
Design and building of an specially unit for acid processes
- 2011** **Berliner Glas Herbert Kubatz GmbH & Co. KG**
Syrgenstein-Landshausen, Germany
Complete covering of the technical system including technical design
Semiautomatic unit for acid float glass
Contact:
Mr. Dr. Reich
Phone: +49 (0)9077 958950
E-Mail: reich@berlinerglas.de
- 2011** **CutCut Florian Baumann e.U., Austria**
Semiautomatic Eloxal unit complete with accessories, suction, installation and commissioning
Contact:
Mr. Florian Baumann
Phone +43 (0) 662481300-11
E-Mail: Salzburg@cutcut.at
- 2011** **Rückl Crystal a.s., Nizbor CZ**
2012 Acid polishing unit, type NSPA 1100-930-3 with full automatic acid dosing unit.
Frosting unit, type 1101.
Absorption unit for 6.000 m³/h and hexafluorosilicic acid Extraction
Acid tank farm for HF and H₂SO₄
Contact:
Mr. Ing. Jiri Rückl
Phone: +42 (0) 605229202
E-Mail: ruckl@ruckl.cz
- 2012** **Schott AG, Mainz**
Test unit for acid test (test series)
- 2012** **Cristalleries Strauss, Brazil**
Planning for a complete acid polishing system for glass with environmental

- 2013** **Cristalleries Strauss, Brazil**
Construction of a complete acid polishing unit with environmental equipment,
CSS and acid storage station
Installation in summer 2013
- 2013** **CSL Cristal Saint Louis, Frankreich**
Modernization of existing facilities for crystal glass
- 2013** **SCHOTT AG, Mainz Deutschland**
Special equipment for surface treatment systems
- 2013** Various consulting activities for the international glass industry