

Reference list: Systems for Power Station

Year	Customer:	Scope of supply:	Executed work:
1986	Krupp Polysius, Wachtberg, Germany	Lime and ash silo	Delivery, Engineering, Erection
1987	GEW Merkenich	Lignite coal dust silos and ash removal systems, 5 x 1100 m ³ silo	Delivery, Engineering, Erection
1988	Holtzmann & Cie Karlsruhe Werk Maxau	Filter deashing, Loading device, fly ash silo, truck loading	Delivery, Engineering, Erection
1988	Deutsche Babcock GmbH, MKVA Grefeld	Fly ash silo 630 m ³	Delivery, Engineering, Erection
1988	Rheinbraun Köln, KW Berenrath	1 lignite dust silo 263 m ³	Delivery, Engineering, Erection
1989	HKW, Mannesmann-Seivert Munich, North	Silo for ash, lime and gypsum briquet	Delivery, Engineering, Erection

1989	Großkraftwerk Mannheim	Lime silo and lime water station	Delivery, Engineering, Erection
1989	KW Ingolstadt, KRC Würzburg	Briquet and gypsum silo	Delivery, Engineering, Erection
1990	Lurgi, Netherland KW Amsterdam	Lime Silo, absorber, lime water station	Delivery, Engineering, Erection
1990	Deutsche Babcock, München Nord	Lime Silo, 2 Units	Delivery, Engineering, Erection
1990	KW Weiher Germany	2 x silo dry sewage sludge	Delivery, Engineering, Erection
1990	KW Flensburg, Germany	Raw coal silo 500 m ³	Delivery, Engineering, Erection
1991	Deutsche Babcock GmbH, Fläkt Denmark	Lime silo	Delivery, Engineering, Erection
1991	Papierfabrik Utzenstorf, PU Utzenstorf Germany	Boiler feeding device, filter deashing, silo and loading device	Delivery, Engineering, Erection

1991	Noell, GK Schweinfurt, Germany	Silo and dosing unit for activated coal	Delivery, Engineering, Erection
1992	Noell GmbH, KW Ens Dorf Würzburg, Germany	REA-Gypsum Loading system	Delivery, Engineering, Erection
1992	EWAG Nürnberg, HKW St. Reuth	Ash transport and loading system Wet ash silo	Delivery, Engineering, Erection
	KW Feldheim	Gypsum Silo system and pneumatic transport system	Delivery, Engineering, Erection
1993	Deutsche Babcock GmbH, MKVA Krefeld	Fly ash silo 600 m ³ , Ø 8000 mm ROTEX discharge Ø 5000 incl. loading	Delivery, Engineering, Erection
1993	Rheinbraun Köln	Silo for dry lignite	Delivery, Engineering, Erection
1993	HEW Tiefstack	Ash removal system incl. Silo, ROTEX, Truck Loading System	Delivery, Engineering, Erection

1994	SHU, KW Weiher Saarbrücken, Germany	Recycling, firing and loading systems	Delivery, Engineering, Erection
1994	Deutsche Babcock GmbH, KW Schokpau	2 x 4800 m ³ lime silo and pneumatic conveying and dosing unit	Delivery, Engineering, Erection
1994	Heidelberger Zement, Zementwerk Burglengenfeld Heidelberg, Germany	Fly ash transport by Airdos	Delivery, Engineering, Erection
1994	Lurgi GmbH, GAVI Wijster Frankfurt, Germany	Gypsum water and recycling systems	Delivery, Engineering, Erection
1995	Steinmüller Gummersbach (KW Lünen) Germany	Fly ash silo 3500 m ³ Ø 12000 mm	Delivery, Engineering, Erection
1995	Deutsche Babcock AG, AEZ Wesel Oberhausen, Germany	Fly ash transport, silo and loading device	Delivery, Engineering, Erection
1995	VEW KW Lünen	Silo and loading device for ash	Delivery, Engineering, Erection

1995	KW Flensburg	Coal dust stock and metering devices	Delivery, Engineering, Erection
1995	Lausitzer Braunkohle AG, Schwarze Pumpe	Coal dust silo and loading device	Delivery, Engineering, Erection, Turn-Key
1995	Deutsche Babcock GmbH, MVA Weisweiler Oberhausen, Germany	Recycling and REA-Gypsum loading device	Delivery, Engineering, Erection
1995	Deutsche Babcock GmbH,	Pneumatic conveying system for sewage sludge	Delivery, Engineering, Erection
1995	KW Münster	Fly ash silo, transport and loading device	Delivery, Engineering, Erection
1996	Deutsche Babcock GmbH, RMVA Köln Germany	Silo for boiler slag and recycling material	Delivery, Engineering, Erection
1996	Rheinbraun Köln	Ash removal system	Delivery, Engineering, Erection

1996	Austrian Energy Graz, Austria	REA-gypsum silo with discharge device	Delivery, Engineering, Erection
1997	Mannesmann-Demag Berlin / Schwarze Pumpe Berlin, Germany	Metering hopper for alternative fuels	Delivery, Engineering, Erection
1997	EVT Stuttgart (KW Franken)	Sewage sludge conveying and metering device	Delivery, Engineering, Erection
1998	FAM, KW Heyden Preussen Elektra Magdeburg, Germany	Wet slag stocking and loading device	Delivery, Engineering, Erection
1998	SKWG, Kraftwerk Weiher Saarbrücken, Germany	Wet sludge conveying via thickened sludge pump at 4 coal mills	Delivery, Engineering, Erection
1999	RWE Energie, TWK Kaiserslautern Eschweiler, Germany	Coal feeding device with Libra weighing and drag chain conveyor hard coal and long flame coal	Delivery, Engineering, Erection
2000	Babcock Steinmüller, Gummersbach for RWE Power, KW Niederaußem	Dry lignite silo 785 m ³ , 10 barg pressure resistant	Delivery, Engineering, Erection

2001	Thyssen Krupp EnCoke KW Elverlingen	Hopper 70 m ³ for coal, dry sewage sludge Conveyor on 500 m ³ silo incl. Rotex discharge and conveying aon 2 prebins 30 m ³ , 2 barü with sluice discharge	Delivery, Engineering, Erection
2001	Alstom Energy, Stuttgart for RWE Power, KW Niederaußem	Dry lignite silo 800 m ³ , 10 barg pressure shock resistant	Delivery, Engineering, Erection
2002	Martin, MHKW Mainz Munich, Germany	Push floor for discharge of waste	Delivery, Engineering, Erection
2002	Babcock Borsig Power KW Papierfabrik Langenbrügge, Belgium	2 hoppers 50 m ³ for paper sludge incl. push floor for furnace charge	Delivery, Engineering, Erection
2003	AE+E ZSG Itendal Vienna	Ash silo 200 m ³	Delivery, Engineering, Erection
2003	AE+E KW Papierfabrik Stendal	2 hoppers 50 m ³ incl. push floor for furnace charge for rind shred	Delivery, Engineering, Erection

	Vienna		
2003	RWE KW Westfalen Essen, Germany	Phyrolysis coke silo incl. Rotex discharge	Delivery, Engineering, Erection
2005	FISIA BABCOCK ENVIRONMENT GmbH Alcudia	- Pneumatic conveying system of ESP fly ash (2 lines each 7 outlets) - Pneumatic transport from intermediate storage silo to fly ash loading silo	Basic and detail engineering Manufacturing and delivery Supervision of erection Commissioning and training
2007	ENDESA ITALIA CTE di Monfalcone, Italy	Limestone storage and pneumatic transfer system: - 2 double outlet cones for client silos - limestone dosing system - limestone injection system incl. blower	Basic and detail engineering Delivery Supervision of erection Commissioning
2009	Complexul EnergieTurceni Turceni, Romania	3 x 550 m ³ limestone silos incl. steel structure 2 x 100 m ³ FDG-gypsum silos equipped with ROTEX for a discharge	Basic and detail engineering Mechanical: turn-key supply Electrical: field instrumentation

		quantity of 200 t/h each, 4 truck loading systems and steel structure	Supervision of erection Commissioning and training
2010	RWE power station Westfalen block „D“ Hamm, Germany	Dry bottom ash handling system: - through chain feeder and belt conveyor system - 2 x 1.200 m ³ silos including ROTEX for a discharge quantity of 300 t/h each - dry and wet loading into trucks or train wagons - complete steel structure	Basic and detail engineering Mechanical: turn-key supply Electrical: field instrumentation and cabling on junction boxes Erection Commissioning and training
2011	RWE power station Westfalen block „E“ Hamm, Germany	Extension of dry bottom ash handling system: - through chain feeder and belt conveyor - steel structure	Mechanical: turn-key supply Electrical: cabling on junction boxes Erection Commissioning

2011	Vattenfall power station Moorburg block „A“ Hamburg, Germany	Dry bottom ash handling system: - 250 m ³ silo including ROTEX for a discharge quantity of 75 t/h - dry loading into trucks	Basic and detail engineering Delivery Erection Commissioning
2012	Vattenfall power station Moorburg block „B“ Hamburg, Germany	Dry bottom ash handling system: - 250 m ³ silo including ROTEX for a discharge quantity of 75 t/h - dry loading into trucks	Basic and detail engineering Delivery Erection Commissioning
2010	RWE power station Ibbenbüren Ibbenbüren, Germany	Lignite handling system: - 3 train wagon unloading stations for a unloading quantity of 50 t/h including compressors - 2 truck unloading stations including compressor - 2 pressure shock resistant lignite silos of 1.500 m ³ volume including ROTAFLOW extraction system - 4 pneumatic conveying systems for 7 t/h lignite to the coal mills	Basic and detail engineering Delivery Erection Commissioning

		<ul style="list-style-type: none"> - entire safety technique - steel structure - transformer, MCC, instrumentation and cabling 	
2011	RWE power station Westfalen Hamm, Germany	Raw coal discharge system: <ul style="list-style-type: none"> - 300 m³ bunker on coal ship-unloader including ROTEX for a discharge quantity of up to 1.000 t/h 	Basic and detail engineering Delivery Erection Commissioning