Reference list

Ref.		Site	Client	Order	Ø m	Length m	Year
355	1687	Pfaffensteigtunnel VP2 Stuttgart Gemany	Ed. Züblin AG / Wayss & Freytag Stuttgart	2 Conveyor system	9.8	1x 9'720 1x 9'760	2026/ 2027
354	1686	Palermo - Catania Salso Italy	Webuild Ghella Tunnel pro	Conveyor system	9.5	3’740	2026
353	1685	Palermo - Catania Montestretto Italy	Webuild Ghella Tunnel pro	Conveyor system	9.5	2’300	2026
352	1684	SRL Suburban Rail Loop Melbourne Australia	Bouygues Webuild GS	Cross Passage Ramps	6.4	2x 6'500	2026
351	1650	Munich S-Train Germany	ATA München	Logisticsystem with rail loading	8.5	2x 3'000	2026
350	1681	SRL Suburban Rail Loop Melbourne Australia	Bouygues Webuild GS	4 Conveyor system	6.4	2x 6'500	2025
349	1680	GPE Ligne 15-East Paris France	Bouygues Soletanche Bachy	Conveyor system	9	5’200	2025
348	1679	Stadttunnel Feldkirch Austria	Jäger Bau Strabag Jehle-Hilti	Logisticsystem with rail loading		4’000	2025
347	1678	Palermo - Catania Trimacria Italy	Webuild Ghella Tunnel pro	2 Conveyor system	9.5	2x 12'300	2025
346	1646	Snowy Hydro 2.0 Australia	Future Generation JV Australien	RC4 Conveyor system	11	5’000	2025
345	1677	Gotthard Switzerland	SIKA Bau AG	Foil place machine	11	8’000	2025
344	1659	HS2 Area S1 London UK	SCS JV Skanska-Costain-Strabag England	Conveyor system	8.7	15’000	2025
343	1676	Western Harbour Tunnel Sydney Australia	Acciona	Conveyor system underground			2024 / 2025
342	1675	Métro Montréal Canada	Spie Batignolles Pomerol EBC	Conveyor system	10	4’700	2024
341	1674	PSKW Ebensee Austria	PORR Bau GmbH Salzburg, Austria	Decline Shaft Installation 61°	6	700	2024
340	1673	SELFRAG Centro Due Switzerland	SELFRAG AG Switzerland	Slag Recycling Plant			2024
339	1646	Snowy Hydro 2.0 Australia	Future Generation JV Australia	Conveyor Extension	11	30’000	2024
338	1672	Ligerz Tunnel Ligerz Los 2 Switzerland	Implenia Schweiz AG Switzerland	Ship loading Convoyer system	8	1’800	2024
337	1671	Trento Railway Bypass Lot 3 Italy	TRIDENTUM Circonvallazione Ferroviaria di Trento, Italy	Conveyor system	11	22’000	2023

Ref.		Site	Client	Order	Ø m	Length m	Year
336	1670	Gotthard Switzerland	ARGE secondo turbo Implenia Switzerland	WELK Installation	11	8’000	2023
335	1669	Kühtai Austria	ARGE SKW Kühtai Kühtai, Austria	Portal crane	5	2’500	2023
334	1668	HS2 Area Central London UK	SCS JV Skanska-Costain-Strabag England	Bridge system to cross-cuts	8.7	6’000	2023
333	1646	Snowy Hydro 2.0 Australia	Future Generation JV Australia	Elevator to Beltstorage	11	30’000	2023
332	1667	GWK Ibbenbüren Germany	Züblin / W + F Germany	Logistics system	3,7	4’000	2023
331	1666	FW Hamburg Germany	Implenia	Conveyor system	4,3	1’100	2023
330	1659	HS2 Area Central London UK	SCS JV Skanska-Costain-Strabag UK	Launch TBM Conveyor system	8.7	12’000	2022
329	1647	GPE Ligne 17-1 France	Groupement AVENIR 75010 Paris France	Conveyor system Drive 2	9,6	2’700	2022
328	1665	Brenner Basistunnel BBT - H41 Austria	Implenia / Webuild Austria	Conveyor system	10	35’000	2022
327	1664	TELT – Tunnel Euralpin Lyon Turin France	Eiffage GC Infra Linéaires France	Engineering			2022
326	1646	Snowy Hydro 2.0 Australia	Future Generation JV Australia	Special Equipment Crane systems	11	3’000	2022
325	1663	HS2 Area Central London UK	SCS JV Skanska-Costain-Strabag England	Invert Concrete Bridge, Central	8,7	6’000	2022
324	1663	HS2 Area West London UK	SCS JV Skanska-Costain-Strabag England	Invert Concrete Bridge, West	9,4	8’200	2022
323	1662	SELFRAG Switzerland	SELFRAG AG Switzerland	Slag-Handling Centro Uno			2022
322	1660	HS2 London-Birmingham England	SCS JV Skanska-Costain-Strabag England	Spoil Treatment Area West			2021
321	1661	Abu Dhabi 3	MCI 8010 Graz Austria	Conveyor system			2021
320	1660	HS2 London-Birmingham England	SCS JV Skanska-Costain-Strabag England	Conveyor system Area West			2021
319	1657	Abu Dhabi 2	MCI 8010 Graz Austria	Conveyor system			2021
318	1659	HS2 London-Birmingham England	SCS JV Skanska-Costain-Strabag England	Conveyor system Area Central	10	30’000	2020
317	1656	Kühtai Austria	ARGE SKW Kühtai Swietelsky-Jäger-Bodner Kühtai, Austria	Back up system to CREG TBM	4,2	25’500	2020

Ref.		Site	Client	Order	Ø m	Length m	Year
316	1652	Nagra Switzerland	Nagra 5430 Wettingen Switzerland	HOT Bent backfill operation	2,9		2020
315	1655	Les Evouettes Switzerland	Consortium ICG 2074 Marin Epagnier Switzerland	Pont de bétonnage			2020
314	1654	Mont Blanc France	Bouygues Construction 69487 Lyon France	Mobile Portal crane			2020
313	1645	Hongrin Switzerland	Groupement CGH Infra Tunnel Switzerland	Equipment Renovation Tunnel			2020
312	1653	Luoming inclined shaft China	CREG China	TBM-Inclined shaft Basic Engineering	7,3		2020
311	1652	Nagra Switzerland	Nagra 5430 Wettingen Switzerland	Engineering Clousure Planner Nuklear	2,9		2020
310	1651	Abu Dhabi	MCI 8010 Graz Austria	Conveyor system 2'000 kW, 8'000 t/h			2020
309	1649	Rodund Austria	Porr 5102 Anthering Austria	Anti slip back system Y-Gripper to TBM, Conveyor system	4,54		2020
308	1650	2. S-Bahn-Stamm-strecke, VE30, Tunnel West und Hauptbahnhof	ARGE Tunnel Haupbahnhof Züblin-Bauer-Bögl 80634 München / Germany	Conveyor system			2020
307	1596	TELT – Tunnel Euralpin Lyon Turin France	Consortium Eiffage- Spie-Ghella-Cogeis France	Engineering			2020
306	1648	GPE Ligne 15 Lot T2A France	Groupement Horizon 94400 Vitry-sur-Seine France	Concrete bridge n° 2			2020
305	1648	GPE Ligne 15 Lot T2A France	Groupement Horizon 94400 Vitry-sur-Seine France	Concrete bridge n° 1			2020
304	1632	GPE Ligne 15 Lot T3A France	Bouygues / Soletanche Bachy France	Feeding system Grave ciment			2019
303	1643	NAGRA Switzerland	Nagra 5430 Wettingen Switzerland	Hot Bent Anpassung Anlage Lucoex			2019
302	1647	GPE Ligne 17-1 France	Groupement AVENIR 75010 Paris France	Conveyor system	9,8	6'000	2019
301	1646	Snowy 2.0 Australia	Salini Impregilo S.p.A 20142 Milano, Italien	3 Conveyor system	10,6	1 x 6'000 1 x 7'000 1 x 14'000	2019
300	1640	SBT 1.1 Austria	ARGE Tunnel Gloggnitz 2640 Gloggnitz, Austria	Conveyor system CAB			2019
299	1641	SBT 2.1 Austria	ARGE Tunnel Fröschnitzgraben 8685 Steinhaus am Semmering Austria	Booster drive			2019
298		BBT AP 164 Austria	Arge Tulfes Pfonds 6020 Innsbruck, Austria	Booster station	7,9	18'000	2019
297	1644	Citylink Stockholm Sweden	JV HOCHTIEF Implenia HB 164 40 Kista, Sweden	Conveyor system	5,2	13'500	2019

Ref.		Site	Client	Order	Ø m	Length m	Year
296	1645	Hongrin Switzerland	Infra Tunnel SA 2074 Marin Switzerland	Electro loco			2019
295		Lukmanier Switzerland	Vetsch Klosters AG 7252 Klosters Dorf Switzerland	Handling adapter			2019
294	1643	NAGRA Switzerland	Nagra 5430 Wettingen Switzerland	Feasibility study			2019
293	1642	GPE Ligne 11 GC01 France	Alliance 93110 Rosny-Sous-Bois France	Conveyor system			2019
292	1641	SBT 2.1 Austria	ARGE Tunnel Fröschnitzgraben 8685 Steinhaus am Semmering Austria	Conveyor system			2019
291	1640	SBT 1.1 Austria	ARGE SBT 1.1 – Tunnel Gloggnitz 2640 Gloggnitz, Austria	Bunker / Silo			2019
290	1639	LEB Lausanne, Switzerland	Consortium IBGS 1004 Lausanne Switzerland	Concrete bridge			2019
289	1638	Koralm KAT 3 Austria	Porr Tunnelbau 9470 St. Paul im Lavanttal Austria	Shotcrete installation			2018
288	1637	Koralm KAT 2 Austria	Arge Koralmtunnel Strabag – Jäger Bau 8530 Germanysberg [illegible]	Drilling rig			2018
287	1635	Koralm KAT 3 Austria	Porr Tunnelbau 9470 St. Paul im Lavanttal Austria	Crane installation			2018
286	1634	Mekorot Israel	JV Züblin-Jäger Ramat Gan 52511, Israel	Shotcrete installation			2018
285	1632	GPE Ligne 15, Lot T3A France	Soletanche Bachy France 92500 Rueil Malmaison Cedex France	Conveyor belt installations			2018
284	1631	GPE Ligne 15, Lot T2A France	Soletanche Bachy France 94400 Vitry-sur-Seine France	Conveyor belt installations		1’110	2018
283	1629	Trimberg Austria	Strabag AG 2345 Brunn am Gebirge Austria	Adjustment Foil placing machine			2017
282	1630	Mont Blanc France	Spie batignolles TPCI 92100 Boulogne Billancourt France	Portal crane			2017
281	1628	Flexirock	Epiroc MEYCO AG 2557 Studen BE Switzerland	CE-Conformity to drilling unit FlexiROC / T30 R-01 spez.			2017
280	1596	TELT – Tunnel Euralpin Lyon Turin France	Consortium SMP4 73140 Saint Martin La Porte France	Modification conveyor installation			2017
279	1622	Metro Lausanne Switzerland	Consortium IBGS p/a Infra Tunnel SA 2074 Marin NE, Switzerland	Storage silo with conveyor installation			2017
278	1626	Tuxbach Überleitung Austria	G. Hinteregger Söhne 5020 Salzburg Austria	Adjustment and additional supply for back-up system TBM			2017
277	1596	TELT – Tunnel Euralpin Lyon Turin France	Consortium SMP4 73 140 Saint Martin La Porte France	Discharge of open grain installation			2017
276	1618	New Stoosbahnen Switzerland	Vetsch Klosters AG Klosters Dorf Switzerland	Displacing installation			2016

Ref.		Site	Client	Order	Ø m	Length m	Year
275	1621	Carrières d'Arvel Switzerland	Carrières d'Arvel SA Villeneuve VD Switzerland	Conveyor belt installations			2016
274	1616	Brenner BBT AP164 Austria	Arge Tulfes-Pfons Strabag / Salini Impregilo Austria	Fire-fighting transport wagon			2016
273	1619	CE-Konformität Germany	BMTI GmbH 80807 München Germany	CE-conformity for existing TBM-systems			2016
272	1612	New Stoosbahnen Switzerland	Vetsch Klosters AG Klosters Dorf Switzerland	Feasibility study for Displacing installation			2016
271	1607	KW Rhône Gletsch Switzerland	Strabag Erstfeld Switzerland	Back-up and conveyor belt equipment			2015
270	1601	Brenner BBT AP164 Austria	Arge Tulfes-Pfonds Strabag / Salini Impregilo Austria	Rowatrain			2015
269	1596	TELT – Tunnel Euralpin Lyon Turin France	Consortium SMP4 73 140 Saint Martin La Porte France	Conveyor belt installations	11,25	13'300	2015
268	1587	Crossrail C610 England UK	ATC systemwide London, E14 4HA UK	Semi-Automated Tunnel Drilling Machines			2015
267	1591	TPG CMS Switzerland	Implenia Suisse SA Aarau Switzerland	Conveyor belt installations		1'520	2015
266	1595	Brenner BBT AP164 Austria	Arge Tulfes-Pfons Strabag / Salini Impregilo Austria	Conveyor belt installations	7,9	19'500	2015
265	1586	SiSto N8 Giessbach Switzerland	Arge SiSto N8 Giessbach 3855 Brienz Switzerland	Conveyor belt installations		3'300	2014
264	1582	SiSto N8 Giessbach Switzerland	Arge SBT 39100 Bolzano Italy	Back-up installation	5,2	3'319	2013
263	1577	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Test installation			2013
262	1569	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Feasibility study			2013
261	1564	Kraftwerk Lint Limmern Switzerland	Arge Zugangsstollen Limmern Limmern Switzerland	Footing elements displacing equipment			2013
260	1563	Rapido Switzerland	Belloli SA 6537 Grono Switzerland	Engineering			2013
259	1561	Kraftwerk Lint Limmern Switzerland	Arge Zugangsstollen Limmern Limmern Switzerland	Installation for footing element			2012
258	1514	Kraftwerk Lint Limmern Switzerland	Arge Zugangsstollen Limmern Limmern Switzerland	Crane installation			2012
257	1514	Atlas Copco / RioTinto Sweden	Atlas Copco 13135 Nacka Sweden	Heading installation			2012
256	1514	Innertkirchen Switzerland	Murer AG / Strabag AG Erstfeld Switzerland	Engineering			2011
255	1514	Alaskan Way USA	Dragados USA New York USA	Feasibility study			2011

Ref.		Site	Client	Order	Ø m	Length m	Year
254	1514	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Feasibility study			2011
253	1523	Northparkes Mines Australia	Aker Wirth GmbH 41812 Erkelenz Germany	Heading installation			2011
252	1503	Koralm Kat2 Austria	Aker Wirth GmbH 1812 Erkelenz Germany	2 Back-up installation	9,9	32'900	2011
251	1528	Kaiserstuhl Switzerland	Murer AG / Strabag AG Erstfeld Switzerland	Engineering			2010
250	1526	ATW Switzerland	Icos Tunnelling SA 6537 Grono Switzerland	Re-use			2010
249	1522	Bodio / Faido Switzerland	Consorzio IGS SikaBau AG / Tecton AG Switzerland	Adjustment of FVM Wurmino			2010
248	1458	Rohtang India	Strabag AG, Afcons JV New Delhi 110 057 India	Heading installation drill and blast		6'800	2010
248	1458	Rohtang India	Strabag AG, Afcons JV New Delhi 110 057 India	Conveyor belt installation		6'800	2010
247	1466	Ceneri Base Tunnel Switzerland	Consorzio Condotte Cossi 00138 Rom, Italy	4 Heading installations drill and blast		11'500	2010
247	1466	Ceneri Base Tunnel Switzerland	Consorzio Condotte Cossi 00138 Rom, Italy	4 Conyevor belt installations		11'500	2010
246	1516	OAO Mosmetrostroy Russia	OAO Mosmetrostroy 127051 Moscow, Russia	Feasibility study			2010
245	1521	Bodio / Faido Switzerland	Consorzio TAT 6760 Faido Switzerland	1 Ventilation Installation			2010
244	1517	Atlas Copco / RioTinto Sweden	Atlas Copco 19582 Märsta Sweden	Feasibility study			2010
243	1514	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Feasibility study			2009
242	1467	Kraftwerk Lint Limmern Switzerland	Arge Zugangsstollen Limmern Limmern Switzerland	Back-up installation with anti slip system and supply train	8	3'760	2009
242	1467	Kraftwerk Lint Limmern Switzerland	Arge Zugangsstollen Limmern Limmern Switzerland	Conveyor belt installations	8	3'760	2009
241	1501	Reitersberg Austria	Arge Tunnel Reitersberg 6020 Innsbruck, Austria	Resoling bridge			2009
240	1513	UTE La Muela II Spain	UTE La Muela II 2846 Madrid, Spain	Shaft installation and Heading installation		719	2009
239	1512	Bodio / Faido Switzerland	Consorzio TAT 6760 Faido Switzerland	2 Ventilation installation			2009
238	1511	ISS Switzerland	ISS Switzerland AG Zürich Switzerland	Feasibility study			2009
237	1509	FVM Gunimperm Switzerland	Gunimperm-Bauveg AG 6532 Castione Switzerland	Feasibility study			2009

Ref.		Site	Client	Order	Ø m	Length m	Year
236	1423	Sedrun Switzerland	Arge Transco 7188 Sedrun Switzerland	Passenger Shuttle			2009
235	1487	Lake Mead Intake 3 Vegas, USA	Vegas Tunnel Construction Las Vegas, NV, 89119, USA	Shaft Installation			2009
234	1495	Sekisui USA	Sekisui SPR Americas, LCC Atlanta, USA	Feasibility study			2009
233	1496	Hilti Germany	Hilti Germany GmbH 86916 Kaufering Germany	Bohring machine 7			2009
232	1490	Umfahrung Küblis Switzerland	Tiefbauamt Kt. GR 7001 Chur Switzerland	Feasibility study			2008
231	1494	North-South Bypass Tunnel Brisbane Australia	Leighton Contractors & Baulder- stone Hornibrook Bilfinger Berger JV Australia	Crane installation			2008
230	1492	Sedrun Switzerland	Arge Transco Sedrun Switzerland	RoCon Shuttle 2			2008
229	1491	Feste Fahrbahn Germany	Bögl Bauunternehmung GmbH & Co. KG 92369 Sengenthal, Germany	Feasibility study			2008
228	1474	UTE La Muela II Spain	UTE La Muela II 2846 Madrid, Spain	Shaft installation and Heading installation		719	2008
227	1486	RioTinto / Wirth Erkelenz, Germany	Wirth Maschinen- und Bohr- geräte-Fabrik GmbH 41812 Erkelenz, Germany	Feasibility study			2008
226	1482	Atlas Copco / RioTinto Sweden	Atlas Copco 19582 Märsta Sweden	Feasibility study			2008
225	1481	Hilti Switzerland	Hilti Switzerland AG 9494 Schaan Switzerland	automatic drilling system			2008
224	1480	Napoli Italy	Wirth Maschinen- und Bohr- geräte-Fabrik GmbH 41812 Erkelenz, Germany	Feasibility study			2008
223	1479	Amsteg Switzerland	Murer AG / Strabag AG 8472 Erstfeld Switzerland	Crane installation			2008
222	1476	UTE M30 Tunnel SUR Spain	UTE M30 Tunnel SUR 2846 Madrid, Spain	Lining segment transloading crane			2008
221	1452	Sedrun Switzerland	Arge Transco 7188 Sedrun Switzerland	Transfer conveyor belt			2008
220	1455	TAT Faido Switzerland	Walo Bertschinger 8952 Schlieren Switzerland	Fire protection mortar installation			2008
219	1472	Durchmesserlinie ZH secion3 Oerlikon - Switzerland	Arge Tunnel Weinberg 8050 Zürich Switzerland	Supply and disposal installation			2008
218	1457	Tarvisio Italy	I.C.O.P spa 33031 Basiliano Italy	Rope deflection unit at back- up			2008
217	1449	CE-Konformität Switzerland	Implenia Bau AG 5001 Aarau Switzerland	CE-conformity for existing TBM-systems			2008

Ref.		Site	Client	Order	Ø m	Length m	Year
216	1454	CEVA Tunnel de Champel Geneva - Switzerland	B+S AG 3015 Bern Switzerland	Feasibility study			2007
215	1450	Rio Tinto Canada	Rio Tinto Technical Services Limited Vancouver, Canada	Feasibility study II			2007
214	1425	Bodio / Faido Switzerland	Consorzio TAT 6760 Faido Switzerland	2 gantry wagons			2007
213	1436	Sedrun Switzerland	SikaBau AG 8048 Zürich Switzerland	Foil-placing machine for base North	5,8		2007
212	1428	M30-Tunel Sur Spain	U.T.E M-30 TUNEL Sur San Sebastian de Los Reyes Spain	Feasibility study			2007
211	1406	Interceptor Belgrad Slovenia	Niemeyer Baustoffmaschinen GmbH 8010 Graz, Austria	Feasibility study			2007
210	1427	Rückbau SMDK Kölliken Switzerland	Arge Phoenix 8023 Zürich, Switzerland	Containe gate			2007
209	1429	Bodio / Faido Switzerland	Consorzio TAT 6742 Pollegio, Switzerland	Ring position erector			2007
208	1422	Schutterstollen Diabas Austria	BMTI GmbH 9800 Spittal / Drau Austria	Adjusment back-up system			2007
207	1248	Ceneri Switzerland	CMC, Consorzio Monte Ceneri 6901 Lugano Switzerland	1 back-up-system	9,7	2'321	2007
206	1401	Moskouw Russia	LOVAT Toronto, Ontario Canada	1 back-up-system			2007
205	1402	Siah Bishe	Jäger Bau GmbH 6780 Schruns Austria	Feasibility study			2006
204	1364	Parbati III India	National Hydroelectric Power Corporation Ltd India	Feasibility study			2006
203	1345	Limberg II Umbau Ermenek Austria	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	Adjusment back-up system			2006
202	1314	Rio Tinto Canada	Rio Tinto Technical Services Limited Vancouver, Canada	Feasibility study			2006
201	1335	Bodio / Faido Switzerland	Consorzio TAT 6742 Pollegio Switzerland	Reconstruction / adjustment L1-area			2006
200	1365	Sedrun Switzerland	Arge Transco 7188 Sedrun Switzerland	RoCon Shuttle			2006
199	1363	Abdalajis Spain	Sacyr SAU 28050 Madrid, Spain	Study for optimising			2006
198	1357	Sedrun Switzerland	SikaBau AG 8048 Zürich Switzerland	Foil-placing machine for base	5,8		2006
197	1315	PSW Limberg II Austria	G. Hinteregger Söhne 5020 Salzburg, Austria	Ramp for in clined shaft			2006

Ref.		Site	Client	Order	Ø m	Length m	Year
196	1351	Bodio / Faido Switzerland	Consorzio TAT 6742 Pollegio Switzerland	Reprofil Installation			2006
195	1358	San Pedro Spain	UTE San Pedro 28050 Madrid, Spain	Ventilation installation			2006
194	1352	Perschling Austria	Strabag AG 1220 Vienna, Austria	Foil-placing machine for base			2006
193	1299	San Pedro Spain	OHL 28050 Madrid, Spain	Ventilation installation			2006
192	1346	Vancouver Canada	Bilfinger & Berger GmbH 65189 Wiesbaden Germany	Consolidation sledge with inter conveyor belt	3,8		2006
191	1342	Amsteg Switzerland	Guniperm-Bauveg AG 6532 Castione Switzerland	Foil-placing machine for base	9,5	11’350	2006
190	1344	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	test installation			2006
189	1302	Sedrun Switzerland	Arge Transco 7188 Sedrun Switzerland	RoCon Shuttle 0			2006
188	1328	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Feasibility study			2006
187	1339	Kölliken Switzerland	Batigroup AG 8050 Zürich Switzerland	Feasibility study			2006
186	1306	Bahnechnik Gotthard Switzerland	Transtec Atel Installationen 8026 Zürich Switzerland	Feasibility study Traintechnic			2005
185	1323	Jing Ping China	Ertan Hydropower Development Company Ltd Chengdue 61051, China	Feasibility study for heading by tunnel boring machine	13	2 x 12'000	2005
184	1245	ZALA Langenthal Switzerland	Rothpletz + Lienhard + Cie 5000 Aarau Switzerland	Crane installation		2’000	2005
183	1259	Muegg Hotair Germany	MUEG GmbH 06242 Braunsbedra Germany	Foil-placing machine for base		2’000	2005
182	1255	Sir Adam Beck Ontario	Strabag AG 1220 Vienna Austria	1 back-up-system	14,4	10’398	2005
181	1308	Amsteg Switzerland	Murer AG / Strabag AG 8472 Erstfeld Switzerland	Ventilation installation			2005
180	1264	M 30 Spain	Fuelguera Construction Mecaincas SA Spain	1 Quick unloding system			2005
179	1244	Saas Switzerland	Arge ATUS, Saas 7001 Chur Switzerland	1 back-up-system	4,5	1’954	2005
178	1293	Sedrun Switzerland	Arge Transco 7188 Sedrun Switzerland	2 Conveyor belt installations		4'950	2005
177	1269	Uetliberg Switzerland	Arge Uetli 8143 Stallikon Switzerland	Installation for Swellex-anchoring	14,4	2 x 4'400	2005

Ref.		Site	Client	Order	Ø m	Length m	Year
176	1277	Katzenberg Switzerland	ARGE Katzenberg 79588 Efringen-Kirchen Germany	Invert concrete installation			2005
175	1297	Wienerwald Austria	Arge Wienerwald 2111 Leobendorf Austria	4 sluggish soft			2005
174	1282	Wienerwald Austria	Arge Wienerwald 2111 Leobendorf Austria	Transportation tank			2005
173	1281	Bannalp Switzerland	Murer-Strabag AG 8472 Erstfeld Switzerland	Incline shaft	3	1’000	2005
172	1211	Wasserversorgung ZH Switzerland	Arge LFMoos 8038 Zürich Switzerland	Installation for shaft-transport	3,3	6’891	2005
171	1243	Castellanza Italy	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	Addition to existing back-up system (CTRL)		2’200	2005
170	1250	Sedrun Switzerland	Arge Transco 7188 Sedrun Switzerland	2 high performance systems for drill and blast advance			2004
169	1242	Wienerwald Austria	Herrenknecht AG 77963 Schwanau Germany	2 back-up systems for heading with lining segments	10,7	2 x 10'900	2004
168	1239	M 30 Spain	Herrenknecht AG 77963 Schwanau Germany	Stepper, segment feeder, lining segment transloading crane			2004
167	1233	Bodio / Faido	Consorzio TAT 6742 Pollegio Switzerland	Reconstruction / adjustment L1-area			2004
166	1231	San-Francisco Equador	Sika Switzerland AG 8967 Widen Switzerland	1 Shotcrete robot			2004
165	1204	Bodio / Faido	Consorzio AG SikaBau AG / Tecton AG Switzerland	Foil-placing machine for base VI			2004
164	1226	Bodio / Faido	Consorzio AG SikaBau AG / Tecton AG Switzerland	Foil-placing machine for cross -cut			2004
163	1216	Eichelberg Tunnel Thüringerwald, Germany	MUEG GmbH 06242 Braunsbedra Germany	Foil-placing machine for base		4’500	2004
162	1235	Üetliberg Switzerland	ARGE Üetliberg 8143 Stallikon Switzerland	Crusher installation	14,4	2 x 4'400	2004
161	1225	Monte Giglio Italy	Seli S.p.A. 00144 Rom, Italy	Climber 3	4,5	9’600	2004
160	1193	Amsteg Switzerland	Murer AG / Strabag AG 8472 Erstfeld Switzerland	Cross-cut installation D&B			2004
159	1196	Paierdorf Austria	Jäger Bau GmbH 6780 Schruns, Austria	Vertical-Shaft 120m	10		2004
158	1163	Liaoning China	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	1 back-up-system	8,03	8’365	2004
157	1178	Parbati India	Jäger Bau GmbH 6780 Schruns Austria	Ramp for in clined shaft 58%	4,88		2003

Ref.		Site	Client	Order	Ø m	Length m	Year
156	1173	Gotschna Switzerland	ARGE Sicherheitsstollen Gotschna, Serneus Switzerland	Study	4,5	4’046	2003
155		Bodio Switzerland	SikaBau AG 8048 Zürich, Switzerland	Foil-placing machine for base	8,8		2003
154	1162	Uetliberg Switzerland	SikaBau AG 8048 Zürich, Switzerland	Foil-placing machine for base	14,4	2 x 4'400	2003
153	1158	Uetliberg Switzerland	SikaBau AG 8048 Zürich, Switzerland	Shaft basket	7	60	2003
152	1157	Bodio / Faido Switzerland	SikaBau AG 8048 Zürich, Switzerland	4 Foil-placing machines	8,8	32’000	2003 / 2004
151	1073	Sedrun Switzerland	Arge Transco 7188 Sedrun, Switzerland	4 Heading installations Drill and blast		4’700	2003
150	1155	Monte Giglio Italy	Seli S.P.A. 00144 Rom, Italy	Additional climber	4,5	9’600	2003
149	1154	Premadio, Italy	Quadrio Curzio S.p.a. 20124 Milano, Italy	Addition to back-up installation	4,1	4’000	2003
148	1137	Ermenek, Turkey	Universale Bau, Wien Alpine Mayreder, Salzburg Austria	2 Lining segment cars	6,6	8’100	2003
147	1129	Amsteg Switzerland	Murer AG / Strabag AG 8472 Erstfeld Switzerland	Monorail, Side crane and Enlargement back-up installation	9,5	11’350	2002
146	1141	Concise (CH) Switzerland	SikaBau AG 8048 Zürich Switzerland	Foil pressure installation IV			2002
145	1137	Ermenek, Turkey	Universale Bau, Wien Alpine Mayreder, Salzburg Austria	1 back-up-system	6,6	8’100	2002
144	1125	Grimsel Switzerland	INFRA 2000 2074 Marin, Switzerland	Adjustment back-up-system Bodio and additional supply	4,3	N 6'500 S 3'500	2002
143	1144	Sedrun Switzerland	Arge Transco 7188 Sedrun, Switzerland	3 Rotary tippler			2002
142	1136	CTRL UK	Costain Skanska Bachy Joint Venture, London UK	Segment tippler			2002
141	1097	Üetliberg Switzerland	ARGE Üetliberg 8143 Stallikon Switzerland	special machines to existing back-up system	14,4	2 x 4'400	2002
140	1129	Amsteg Switzerland	Murer AG / Strabag AG 8472 Erstfeld Switzerland	2 back-up systems	9,5	2 x 11'350	2002
139	1126	Hafnerberg, Zurich Switzerland	SikaBau AG 8048 Zurich Switzerland	Foil pressure installation III			2002
138		Kaprun inclined shaft Östu / Stettin, Austria	Arge Kraftabsteig Kaprun Östu / Stettin, Austria	sanitation back-up-system	3,3		2001
137	1080 1081	Guadarrama tunnel Madrid, Spain	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	2 back-up systems for heading with lining segments	8,5	2 x 14'000	2002

Ref.		Site	Client	Order	Ø m	Length m	Year
136	1104	Base tunnel Ferden Switzerland	ARGE Ferden 3915 Goppenstein Switzerland	2 Broyt excavator			2001
135	1038.02	Channel Tunnel Rail Link Lot 240 UK	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	2 Back-up systems	8,165	2 x 7'570	2002
134	1075	Monte Giglio Tunnel Italy	Consorzio Galleria Cantiere Monte Giglio 24033 Calusco d'Adda, Italy	Supply train for angles of gradient higher than 20%	4,5	9’600	2001
133	1033	Monte Giglio Tunnel Italy	Consorzio Galleria Cantiere Monte Giglio 24033 Calusco d'Adda, Italy	Adjustment of back-up system	4,5	9’600	2001
132		Hubertus Tunnel The Netherlands	IHC Tunnelling systems BV 2960 Kinderdijk Netherlands	Design of erector/derector			2001
131	948.27	Westerschelde The Netherlands	Kombinatie Middelplaat Westerschelde 4530 Terneuzen	Monorail overhead crane			2001
130	1029	Atlas Copco Rock Drills AB Sweden	Atlas Copco Rock Drills AB 70114 Örebro Växel Sweden	Screenhandler			2001
129	1057	Raron Tunnel Switzerland	ARGE MaTrans Steg / Raron 3942 Raron Switzerland	Heading installation Drill and blast		4’600	2001
128	1059	Flüelen By-pass tunnel Switzerland	Prader Bauunternehmung AG 8001 Zurich Switzerland	Lining segment transloading crane			2001
127	1074	Girsberg Tunnel Switzerland	Sika SikaBau AG 8048 Zurich Switzerland	Foil pressure installation II			2001
126	1074	Girsberg Tunnel Switzerland	Sika SikaBau AG 8048 Zurich Switzerland	Foil transference installation			2001
125	1016	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Additional study, storage of radioactive waste			2000
124	1078	Bodio By-pass tunnel Los 552 Switzerland	Batigroup 8303 Bassersdorf Switzerland	Broyt excavator			2000
123	1019	Bodio By-pass tunnel Los 552 Switzerland	Batigroup 8303 Bassersdorf Switzerland	Supply and ventilation installation			2000
122	1008 1009 1010	Base tunnel Mitholz Los 45.3 Switzerland	Satco Lötschberg 3717 Blausee-Mitholz Switzerland	2 Conveyer belt installations		18’000	2000
121	1011	Base tunnel Mitholz Los 45.3 Switzerland	Satco Lötschberg 3717 Blausee-Mitholz Switzerland	3 heading installations		7'400 8'600	2000
120	347.02	Flims By-pass tunnel Los 2 Switzerland	Zschokke Graubünden AG 7004 Chur Switzerland	Back-up system	65 m²	2’805	2000
119	1003	SikaBau Switzerland	Sika SikaBau AG 8048 Zurich Switzerland	Foil pressure installation I			2000
118	181.03	Bodio Muck gallery Switzerland	ARGE LGV / Infra 2000 / Pagani 6743 Bodio Switzerland	Back-up system	5,08	3’300	2000
117		Westerschelde Highway tunnel Netherlands	KMW Westerschelde 4530 AH Terneuzen Netherland	Monorail	11,24	2 x 6'598	1999

Ref.		Site	Client	Order	Ø m	Length m	Year
116	680.01	Niagra Falls Canada	Herrenknecht AG 77963 Schwanau Germany	Practicability study Supply logistic			1999
115	676.13	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Feasibility study II			1999
114	737.41	La Réunion-2 Water tunnel La Réunion / F	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	3,8	9'500	1999
113	777.2	San Bernardino Highway tunnel Switzerland	ASB ARGE San Bernardino 7438 Hinterrhein Switzerland	Transloading crane		6'400	1999
112	626.2	Maadi Rock Waste water tunnel Cairo / Egypt	Ed. Züblin AG 70567 Stuttgart Germany	Addition to existing back-up system (ASG)	4,8	3'400	1998
111	259.01	CERN France	Prader Bauunternehmung AG 8001 Zurich Switzerland	Back-up system Conveyor	3,60	2'300	1998
110	676.01	NAGRA Switzerland	NAGRA 5430 Wettingen Switzerland	Feasibility study I			1998
109	990.09	AZT 2.01 Zürich Rail tunnel Switzerland	Prader Bauunternehmung AG 8001 Zurich Switzerland	Lining segment magazine			1998
108	398.03	Girsberg Tunnel Switzerland	Rothpletz + Lienhard + Cie 5000 Aarau Switzerland	Conveyor	4	1'105	1998
107	914.05	Visnove	Porr International AG 1031 Vienna Austria	Addition to existing back-up system (Inanda Wiggins)	3,5	5'600	1998
106	737.01	La Réunion-1 Water tunnel La Réunion / F	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	3,80	9'500	1998
105	655.52	Mohale Water tunnel South Africa	Hochtief AG 45128 Essen Germany	Addition to existing back-up system (Ash Caledon)	5,30	15'000	1998
104	792.02	Sophia Rail tunnel Netherlands	Herrenknecht GmbH 77963 Schwanau Germany	Basic Engineering	9.8	4'200	1998
103	404.01	Gorgier Highway tunnel Switzerland	Groupement Tunnel de Gorgier 2022 Bevaix Switzerland	Overhead travelling crane	11,6		1998
102	771.01	San Bernardino Highway tunnel Switzerland	Zschokke Locher AG 6312 Steinhausen Switzerland	Renovation highway tunnel		6'400	1998
101	948.02	Westerschelde Highway tunnel Netherlands	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	11,24	6'600	1998
100	703.05	Paracuellos Railway tunnel Spain	Murer Bauuntenehmung 6472 Erstfeld Switzerland	Back-up system	12,46	4'650	1998
99	103.4	Acheloos Water tunnel Greece	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	Revision back-up system (Dixence)	7,10	14'000	1997
98	626.03	Maen Cable car Italy	Quadrio Curzio S.p.a. 20124 Milano Italy	Incline shaft	4,2	1'750	1997
97	267.01	Cogolo Incline shaft Italy	Quadrio Curzio S.p.a. 20124 Milano Italy	Renovation incline shaft	3,9	700	1997

Ref.		Site	Client	Order	Ø m	Length m	Year
96	629.01	Manapouri 2 Hydro power station New Zealand	Fletcher + Dillingham + Ilbau Te Anau New Zealand	Back-up system	10,05	9’700	1997
95	687.01	Nürnberg Metro Germany	Dyckerhoff + Widmann 81902 Munich Germany	Conveyor		1’610	1997
94	778.01	Sauges Highway tunnel A5 Switzerland	Murer Bauuntenehmung 6472 Erstfeld Switzerland	Back-up system Suspension platform	11,2	2 x 1'700	1997
93	724.13	Qin Ling Railway tunnel China	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	Rotary tippler	8,8	19’000	1996
92	724.01	Qin Ling Railway tunnel China	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	Back-up system	8,8	19’000	1996
91	314.01	Elbtunnel Hamburg 4th tube Germany	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system Stepper	14,2	3’100	1996
90	567.01	Kuhrang Water tunnel Iran	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	4,6	9’000	1996
89	215.01	Bruyères Highway tunnel / N1 Switzerland	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	11,77	1’000	1996
88	531.01	Casecnan Water tunnel Philippines	HanBo Eng. & Constr. Co. Ltd. Seoul / Korea	Back-up system	6,5	13’000	1996
87	655.01	Mölltaler Glacier funicular Metro Alpine Austria	Ilbau GmbH 9800 Spittal / Drau Austria	Back-up system Incline shaft	4,5	4’800	1995
86	400.01	Connecting tunnel Glatt Diswatering tunnel Switzerland	Prader Bauunternehmung AG 8001 Zurich Switzerland	Back-up system Conveyor	4,5	5’300	1995
85	910.03	Vereina North section L3 Railway tunnel Switzerland	ARGE Vereinatunnel Nord (T4) c/o Stuag Tunnel AG 8303 Bassersdorf, Switzerland	Vault Timbering and walling	7,69		1995
84	103.01	Adlertunnel - Rail 2000 Railway tunnel Switzerland	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	12,25		1994
83	350.10	Tunnels de Pomy Highway tunnel N1 Switzerland	Consortium Tunnels de Pomy c/o Marti Tunnelbau AG 3000 Bern 5, Switzerland	Revision back-up system	11,6		1994
82	110.29	Amsteg Power station Switzerland	ARGE Druckstollen Amsteg ADA 6474 Amsteg, Switzerland	Rotary tippler 2x12m^3 open	5	7’285	1994
81	110.01	Amsteg Power station Switzerland	ARGE Druckstollen Amsteg ADA 6474 Amsteg, Switzerland	Back-up system	5	7’285	1994
80	734.24	Remsach Power station Austria	G. Hinteregger + Söhne 5021 Salzburg Austria	Rotary tippler 2x5m^3 open	3,2		1994
79	734.01	Remsach Power station Austria	G. Hinteregger + Söhne 5021 Salzburg Austria	Back-up system	3,2		1994
78	717.04	Piora-Mulde Exploratory gallery NEAT Switzerland	Murer AG 6472 Erstfeld Switzerland	Addition to existing back-up system	5		1993
77	910.01	Vereina south, Lot T5 Railway tunnel Switzerland	Arge Vereinatunnel Süd (T5) 7543 Lavon Switzerland	Back-up system Suspension platform			1993

Ref.		Site	Client	Order	Ø m	Length m	Year
76	594.31	Les Vignes Highway tunnel Switzerland	Entreprises Tunnel Les Vignes ETV 1796 Courgevaux Switzerland	Back-up system	11,77		1993
75	266.41	Cleuson Dixence - Los B Power station Switzerland	ARGE Murer – Züblin CSC c/o Murer S.A. 1212 Grand-Lancy, Switzerland	Rotary tippler 2x12m^3 open	5,6		1993
74	266.1	Cleuson Dixence - Los B Power station Switzerland	ARGE Murer - Züblin CSC c/o Murer S.A. 1212 Grand-Lancy, Switzerland	Back-up system	5,6		1993
73	910.01	Vereina Nord - Los T4 Railway tunnel Switzerland	ARGE Vereinatunnel Nord (T4) c/o Stuag Tunnel AG 8303 Bassersdorf, Switzerland	Back-up system	7,69		1992
72	338.04	Fereggiano Drainage gallery Genova / Italy	Ilbau GmbH 9800 Spittal / Drau Austria	Engineering Back-up system	6		1992
71	123	Ash / Caledon Higlands Water Project Kingdom of Lesotho / Southafrica	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	3 Rotary tippler 2x12m^3 open	5,40 4,60		1991
70	123.01	Ash / Caledon Higlands Water Project Kingdom of Lesotho/Southafrica	Wirth Maschinen- und Bohrgeräte-Fabrik GmbH 41812 Erkelenz, Germany	Back-up system	5,40 4,60		1991
69	749.01	Riva del Garda Incline shaft Italy	Murer Italia S.r.l 22036 Erba Italy	Anti slip back system Start ramp	3,7		1991
68	253.01	Capo Sele Conza Water project Naples / Italy	Ilbau GmbH 9800 Spittal / Drau Austria	Back-up system	4,5		1991
67	119.01	Aosta Motorway tunnel Italy	Murer AG 6472 Erstfeld Switzerland	Back-up system	11,4		1991
66	610.01	Locarno Motorway by-pass Switzerland	Murer AG / Kopp AG 6472 Erstfeld Switzerland	Back-up system	11,4		1990
65	502.35	Innanda Wiggins Umgeni Water tunnel Southafrica	Porr International AG 1031 Vienna Austria	Rotary tippler 2x5m3 open	3,5		1990
64	502.01	Innanda Wiggins Umgeni Water tunnel Southafrica	Porr International AG 1031 Vienna Austria	Back-up system	3,5		1990
63	274.01	Dhiarizos Diversion Transfer tunnel Cyprus	Atlas Copco MCT AG Mechanical Rock Excavation 1048 Stockholm, Sweden	Revision Back-up system (Ilanz Panix)	3,2		1990
62	657.01	Mont Russelin Road tunnel Switzerland	Entreprise Tunnel du Mont Russelin 2556 Boécurt Switzerland	Revision Back-up system	11,74		1990
61	613.01	Lorena Pressure gallery Austria	MTA Ing. K. Jäger 6780 Schruns Austria	Modification Back-up system (Amlach)	4,75		1989
60	885.01	Tignes Incline shaft France	Hochtief AG 45128 Essen Germany	Modification Back-up system (Val d'Isère)	4,3		1989
59	465.11	Murten Exploratory gallery S'59 Switzerland	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	2,9		1989
58	180.01	Bözberg Motorway tunnel Switzerland	ARGE Bözbergtunnel 5107 Schinznach-Dorf Switzerland	Back-up system	11,87		1989
57	280.04	Paris S'54 Waste water tunnel France	Herrenknecht GmbH 77963 Schwanau Germany	Back-up system	3,25		1989

Ref.		Site	Client	Order	Ø m	Length m	Year
56	500.24	Piedimonte Water tunnel Sicilia / Italy	Baumaschinen-Leasing GmbH + Co. KG 9800 Spittal / Drau, Austria	Back-up system	5,9		1989
55	470.37	Hintermuhr Incline shaft Austria	Contractor Group KW Hintermuhr 5020 Salzburg, Austria	Back-up system Incline shaft	3,2		1989
54	900.51	Heinfels Pressure gallery Austria	ARGE Stollen Heinfels 1010 Vienna Austria	Rotary tippler 2 x 5 m³ open	3,2		1988
53	900.27	Heinfels Pressure gallery Austria	ARGE Stollen Heinfels 1010 Vienna Austria	Back-up system	3,2		1988
52	405.01	Dhiarizos Diversion Transfer tunnel Cyprus	ARGE Grauholztunnel 3323 Bäriswil Switzerland	Back-up system	11,6		1988
51	750.02	Irganaisk Hydro power station Russia	The Robbins Company Ltd. Germany GmbH 44309 Dortmund, Germany	Back-up system	8,5		1988
50	288	Domodossola Transfer tunnel Italy	Baumaschinen-Leasing GmbH + Co. KG 9800 Spittal / Drau, Austria	Rotary tippler	3,5		1988
49	288.01	Domodossola Transfer tunnel Italy	Baumaschinen-Leasing GmbH + Co. KG 9800 Spittal / Drau, Austria	Back-up system	3,5		1988
48	501.11	Koralpe Water transfer tunnel Austria	Ed. Ast. + Co. 8010 Graz Austria	Rotary tippler 2 x 5 m³ open	3,5		1988
47	558.01	Koralpe Water transfer tunnel Austria	Ed. Ast. + Co. 8010 Graz Austria	Back-up system	3,5		1988
46	260.03	Channel Land Running Tunnel Channel, Great Britain	James Howden + Cie. Ltd. Glasgow Great Britain	Back-up system	8,72		1988
45	120.19	Arthurwerk Transfer tunnel Austria	G. Hinteregger + Söhne 5021 Salzburg Austria	Rotary tippler 2 x 5 m³ open	3,15		1988
44	120.02	Arthurwerk Transfer tunnel Austria	G. Hinteregger + Söhne 5021 Salzburg Austria	Back-up system	3,15		1988
43		Uttendorf Transfer tunnel Austria	Baumaschinen-Leasing GmbH + Co. KG 9800 Spittal / Drau, Austria	Rotary tippler 2 x 5 m³ open	3,5		1987
42	900.01	Uttendorf Transfer tunnel Austria	Baumaschinen-Leasing GmbH + Co. KG 9800 Spittal / Drau, Austria	Back-up system	3,5		1987
41	501.01	Imperia Pilot tunnel Italy	Ilbau GmbH 9800 Spittal / Drau Austria	Back-up system	3,5		1987
40	260.1	Channel Marine Service Tunnel Channel tunnel	James Howden + Cie. Ltd. Glasgow Great Britain	Back-up system	5,38		1986
39	322.01	Metro Essen Lot 32 + 33 Germany	Stadt Essen Bauamt Germany	Back-up system	7,12		1986
38	475.21	Freudenstein / Los 1 Exploratory gallery Germany	Hochtief AG 45128 Essen Germany	Back-up system	5,64		1986
37	906.01	Val d'isère Incline shaft France	Hochtief AG 45128 Essen Germany	Back-up system Incline shaft	4,2		1986

Ref.		Site	Client	Order	Ø m	Length m	Year
36	781.02	Paute C Hydro Power Station Ecuador / South America	S.E.L.I. Panama S.A. 20122 Mailano Italy	Back-up system	7,8		1985
35		Reutte Pressure gallery Austria	Ed. Züblin AG 70567 Stuttgart Germany	Back-up system	4,2		1985
34	702.23	Panix Pressure gallery Switzerland	A. Pitsch AG 7500 St. Moritz Switzerland	Rotary tippler 2 x 5 m³ open	3,07		1985
33	702.02	Panix Pressure gallery Switzerland	A. Pitsch AG 7500 St. Moritz Switzerland	Back-up system	3,07		1985
32	775.15	Strada Pressure gallery Ilanz / Switzerland	Rothpletz + Lienhard + Cie 5000 Aarau Switzerland	Back-up system	5,2		1985
31	679.01	Aten Roadway tunnel Switzerland	Association Tunnel Est 2000 Neuchâtel Switzerland	Back-up system	11,3		1985
30	253.01	Canaltal Pilot tunnel Austria	Ilbau GmbH 9800 Spittal / Drau Austria	Back-up system	3,5		1985
29	110.24	Amlach / Los 5 Pressue gallery Austria	Contractor Group Porr / Hinteregger / Stuag 1010 Vienna, Austria	Rotary tippler 2 x 8 m^3 closed	3,2		1985
28	110.3	Amlach / Los 5 Pressue gallery Austria	Contractor Group Porr / Hinteregger / Stuag 1010 Vienna, Austria	Back-up system	3,2		1985
27	722.12	Lugano Cable tunnel Switzerland	Prader Bauunternehmung AG 8001 Zurich Switzerland	Back-up system	3,5		1985
26	259.41	CERN / Eurolep Los 3 Genf / Switzerland	Wirth Maschinen- und Bohrgeräte- Fabrik GmbH 41812 Erkelenz, Germany	Back-up system	4,5		1985
25	775.11	San Remo Exploratory gallery Italy	Ilbau GmbH 9800 Spittal / Drau Austria	Rotary tippler 2 x 5 m^3 closed	3,5		1985
24	775.01	San Remo Exploratory gallery Italy	Ilbau GmbH 9800 Spittal / Drau Austria	Back-up system	3,5		1985
23	475.02	Freudenstein / Los 2 Exploratory gallery Germany	Hochtief AG 45128 Essen Germany	Back-up system	5,2		1984
22	739.01	Association du Naut d'Avanchet ANA Waste water tunnel Switzerland	Association du Naut 1212 Grand-Lancy Switzerland	Back-up system	4,5		1984
21	110.01	Amlach / Los 3 Transfer tunnel Austria	ARGE Griesbach Universale + Jäger 1010 Vienna, Austria	Back-up system	3,9		1984
20	259.03	CERN / Eurolep Los 1 + 2 Geneva / Switzerland	Wirth Maschinen- und Bohrgeräte- Fabrik GmbH 41812 Erkelenz, Germany	Back-up system	3,9		1984
19	629.03	Makkah Taif Water project Saudi Arabia	ARGE T.M.T. Kunz GmbH + Co. 80336 Munich, Germany	Back-up system	5,64		1983
18	123.01	Lysebotn Pressure gallery Norway	Astrup + Aubert Oslo 6 Norway	Back-up system	3,2		1983
17	959.2	BAM / Sibiria Exploratory gallery Russia	Wirth Maschinen- und Bohrgeräte- Fabrik GmbH 41812 Erkelenz, Germany	Back-up system	4,6		1982

Ref.		Site	Client	Order	Ø m	Length m	Year
16	673.05	Mosvik Transfer tunnel Norway	A / F Hoyer / Ellefsen / Murer Oslo 2 Norway	Back-up system	3,5		1982
15	673.04	Tarvisio Pilot tunnel Friaul / Italy	Murer AG 6472 Erstfeld Switzerland	Back-up system	3,6		1982
14	716.01	Pitztaler Gletscherbahn Austria	G. Hinteregger + Söhne 5021 Salzburg Austria	Back-up system	4,1		1981
13	570.01	Estangento Pressure gallery Spain	A. Kunz GmbH + Co. 80336 Munich Germany	Back-up system	4,2		1981
12		Wöllastollen Transfer tunnel Kärnten / Austria	Ilbau GmbH 9800 Spittal / Drau Austria	Rotary tippler 2 x 5 m^3 closed	3,5		1981
11	500.03	Wöllastollen Transfer tunnel Kärnten / Austria	Ilbau GmbH 9800 Spittal / Drau Austria	Back-up system	3,5		1981
10	470.35	Hintermuhr Transfer tunnel Muhrtal / Austria	ARGE Ast / Jäger 8010 Graz Austria	Rotary tippler 2 x 5 m^3 closed	3,2		1981
9	470.2	Hintermuhr Transfer tunnel Muhrtal / Austria	ARGE Ast / Jäger 8010 Graz Austria	Back-up system	3,2		1981
8	928.01	Walgaustollen / Los Bürs Transfer tunnel Austria	ARGE Jäger / Kunz / Universale 6900 Bregenz Austria	Back-up system	6,25		1980
7	928.02	Walgaustollen / Los Beschling Hydro power station Austria	ARGE Hinteregger / Porr / Stuag 6900 Bregenz Austria	Back-up system	6,25		1980
6		Kerenzertunnel / Los Gäsi Motorway tunnel Switzerland	ARGE Murer / Kopp / Bertschinger 8872 Weesen Switzerland	Back-up system	11		1980
5	418.05	Gubrist Motorway tunnel Switzerland	ARGE Locher / Prader 8000 Zurich Switzerland	Back-up system	11,5		1980
4	98	Rwanda Connecting tunnel Africa	G. Hinteregger + Söhne 5021 Salzburg Austria	Back-up system	3,05		1979
3	128	Häusling Pressure gallery Mayrhofen / Austria	Ed. Züblin AG 70567 Stuttgart Germany	Back-up system	4,2		1979
2	48.01	Tunjita Valle Preassure gallery Kolumbia / South USA	S.E.L.I. Panama S.A. 20122 Mailano Italy	Back-up system	4,3		1978
1	470.01	Sölk Steiermark Preassure gallery Austria	G. Hinteregger + Söhne 5021 Salzburg Austria	Back-up system	3,55		1978