

	Tunnel Rennsteig
Country, Place	Germany, A71 Erfurt - Schweinfurt
Length	7800 m
Client	ARGE Siemens Gebäudetechnik Ost GmbH – Dürr GmbH
Delivery	8 x Fresh air fans HUWD25-ND40, with hydraulic blade adjustment system. 8 x Exhaust air fans HUWD25-ND40, with hydraulic blade adjustment system, suitable for operation at 400°C during 90 minutes. 54 x jet fans JZR 12-45/4, Thrust = 1500 N silencers, dampers, transition pieces, guide vanes.
Terms of delivery	Including works tests, transport, erection, commissioning, on site testing and trial operation
Contract date	January 2002
Delivery date	June 2003

	Sophia Spoortunnel (Temporary ventilation)
Country, Place	Netherlands, Oud Albllass
Length	8115 m
Client	Projectbureau Betuweroute
Delivery	4 x Jet fans JZR 14-55/4, Thrust = 1750 N
Terms of delivery	Including transport, works tests, erection, commissioning.
Contract date	October 2002
Delivery date	January 2003

	Unterflurtrasse Kirchham
Country, Place	Austria, Kirchham
Length	1800 m
Client	OSMO Anlagenbau GmbH & Co. KG
Delivery	1 x Exhaust air fan FUWD35.5-ND45, suitable for operation at 400°C during 120 minutes. 6 x Jet fans JZR 5-7,5/2, Thrust = 200 N silencers, dampers, transition pieces, chimney damper.
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	March 2003
Delivery date	December 2003

	Tunnel Waasland
Country, Place	Belgiën, Antwerpen
Length	1400 m
Client	Egemin NV
Delivery	8 x Exhaust air fans FUWD19-ND47,5, suitable for operation at 250°C during 60 minutes. 8 x Fresh air fans FUWD19-ND33,5 dampers, transition pieces, fire dampers.
Terms of delivery	Including transport, works tests, commissioning and on site testing.
Contract date	June 2003
Delivery date	August 2004

	Overkapping Barendrecht
Country, Place	Netherlands, Barendrecht
Length	1500 m
Client	VHV Barendrecht v.o.f.
Delivery	128 x Jet fans JZR 7-30/2, Thrust = 730 N
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	March 2003
Delivery date	From August 2003 until May 2005

	Tunnel Chienberg
Country, Place	Switzerland, Sissach
Length	2300 m
Client	Canton Basel-Landschaft
Delivery	2 x Exhaust air fan FUWD22.5-ND63, suitable for operation at 250°C during 120 minutes. 10 x Jet fans JZR 6,3-22/2, Thrust = 500 N silencers, dampers, transition pieces, partitions.
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2003
Delivery date	June 2005

	HSL Antwerpen
Country, Place	Belgium, Antwerpen
Length	1600 m and 1200 m
Client	Imtech Projects NV
Delivery	4 x Fresh- Exhaust air fan FRWD25-ND45, suitable for operation at 400°C during 60 minutes. 2 x Fresh- Exhaust air fan FRWD22.5-ND56, suitable for operation at 400°C during 60 Minutes. silencers, dampers, transition pieces, partitions.
Terms of delivery	Including transport, works tests, commissioning and on site testing.
Contract date	February 2004
Delivery date	October 2006

	Tunnel Gousselerbiërg
Country, Place	Luxemburg, Luxemburg
Length	2960 m
Client	Ponts et Chaussees
Delivery	24 x Jet fans JZR 10-22/4, Thrust = 780 N
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	February 2004
Delivery date	June 2005

	Tunnel Kirchenwald
Country, Place	Switzerland, Stans
Length	1600 m
Client	Tiefbauamt Canton Obwalden & Canton Nidwalden
Delivery	4 x Exhaust air fan FUWD25-ND67, suitable for operation at 250°C during 120 minutes. silencers, dampers, transition pieces.
Terms of delivery	Including dismantling, transport, works tests, erection, commissioning and on site testing.
Contract date	June 2004
Delivery date	May 2005 and December 2008

	Tunnel Lopper
Country, Place	Switzerland, Stans
Length	2300 m
Client	Tiefbauamt Canton Obwalden & Canton Nidwalden
Delivery	2 x Exhaust air fan FUWD20-ND63, suitable for operation at 250°C during 120 minutes. dampers, transition pieces.
Terms of delivery	Including dismantling, transport, works tests, erection, commissioning and on site testing.
Contract date	June 2004
Delivery date	September 2007

	Tunnel Tiergarten
Country, Place	Germany, Berlin
Length	2410 m
Client	ARGE Siemens Building Technologies - Cegelec
Delivery	7 x Exhaust air fan FUWD22.5-ND40, suitable for operation at 100°C during 60 minutes. 1 x Fresh air fan FUWD16-ND45 74 x Jet fans JZR 6-18,5/2, Thrust = 450 N silencers, dampers, transition pieces, partitions.
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2004
Delivery date	August 2005

	Botlek Spoortunnel
Country, Place	Netherlands, Rotterdam
Length	3065 m
Client	BeCIG v.o.f.
Delivery	40 x Jet fans JZR 12-55/4, Thrust = 1650 N
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2004
Delivery date	February 2005

	Sophia Spoortunnel
Country, Place	Netherlands, Oud Albllass
Length	8115 m
Client	BeCIG v.o.f.
Delivery	56 x Jet fans JZR 12-55/4, Thrust = 1650 N
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2004
Delivery date	May 2005

	Tunnel Pannerdensch kanaal
Country, Place	Netherlands, Duiven
Length	2680 m
Client	BeCIG v.o.f.
Delivery	32 x Jet fans JZR 12-55/4, Thrust = 1650 N
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2004
Delivery date	March 2005

	Tunnel Giessen
Country, Place	Netherlands, Giessen
Length	1180 m
Client	BeCIG v.o.f.
Delivery	14 x Jet fans JZR 12-55/4, Thrust = 1650 N
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2004
Delivery date	December 2004

	Tunnel Zevenaar
Country, Place	Netherlands, Zevenaar
Length	2350 m
Client	BeCIG v.o.f.
Delivery	66 x Jet fans JZR 12-55/4, Thrust = 1650 N
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2004
Delivery date	May 2005

	Brandrauchentlüftungsanlage Bahnhof Wien-Schwechat
Country, Place	Austria, Vienna
Length	1500 m
Client	ÖBB Infrastruktur Bau AG
Delivery	12 x Jet fan JZR 10-30/4, Thrust = 850 N; 4 x Jet fan JZ 4-3/2, Thrust = 105 N; 4 x Exhaust fan FUWD20-ND45; suitable for 400°C during 90 minutes. 4 x Reversible fan FRWD12,5-ND45; suitable for 400°C during 90 minutes. 4 x Fresh air fan FUWD12,5-ND45; 2 x Fresh air fan FUWD14-ND45; Transition pieces, dampers, guide vanes, air ducts, fire dampers
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2005
Delivery date	4 Periods: from Nov. 2005 until the end of 2009

	Brandschutz technische Ausrüstung U-Bahnhof München-Mariënplatz
Country, Place	Germany, München
Length	ca. 750m.
Client	Landeshauptstadt München
Delivery	4 x Jet fan JZR 6-15/2, Thrust = 400 N; 2 x Exhaust fan FUWD16-ND56; Suitable for 400°C during 90 minutes. Transition pieces, dampers, guide vanes, air ducts, fire dampers, silencers, partitions
Terms of delivery	Including transport, works tests, erection, commissioning and on site testing.
Contract date	July 2005
Delivery date	May 2006

	B-426n, Ortsumgehung Nieder-Ramstadt; Lohbergtunnel
Country, Place	Germany, Nieder-Ramstadt
Length	1000 m
Client	Amt für Straßen- und Verkehrswesen Darmstadt
Delivery	3 x Jet fan JZR 12-30/4, Thrust = 850 N; Suitable for 400°C during 90 minutes. 2 x Exhaust fan FUWD20-ND45; Suitable for 250°C during 90 minutes. 1 x Fresh air fan FUWD10-ND45; Transition pieces, dampers, silencers, partitions, fire dampers, grids, weather louvres
Terms of delivery	Including transport, erection, works tests, commissioning and on site testing.
Contract date	October 2005
Delivery date	November 2006

	Tunnel du Raimeux
Country, Place	Switzerland, Canton Bern
Length	3270 m
Client	Tiefbauamt Canton Bern
Delivery	6 x Jet fan JZR 10-30/4, Thrust = 830 N; Suitable for 250°C during 120 minutes. 2 x Exhaust fans HUWD21-ND53 with hydraulic blade adjustment system; Suitable for 250°C during 120 minutes. 2 x Exhaust fans gEL 9-7,5/4; Transition pieces, dampers, silencers, partitions, fire damper, grids
Terms of delivery	Including transport, erection, works tests, commissioning and on site testing.
Contract date	November 2005
Delivery date	February 2007

	A1 Verlängerung Brünnettunnel
Country, Place	Switzerland, Canton Bern
Length	2000 m
Client	Genossenschaft Migros Aare
Delivery	3 x Jet fan JZR 12-30/4, Thrust = 1183 N; Suitable for 250°C during 120 minutes. 3 x Jet fan JZR 12-22/4, Thrust = 982 N; Suitable for 250°C during 120 minutes.
Terms of delivery	Including transport, erection, works tests, commissioning and on site testing.
Contract date	November 2005
Delivery date	February 2007

	Wattkopftunnel
Country, Place	Germany, Ettlingen
Length	1950 m
Client	Regierungspräsidium Karlsruhe
Delivery	4 x Exhaust fans EUWD20-ND50 with electromechanical blade adjustment, designed for 250°C during 90 min. 3 x Jetfan JZR 7-37/2, Thrust = 840 N; designed for 250°C during 90 min.
Terms of delivery	Including dismantling, transportation, workstests, installation, commissioning and site testing.
Contract date	September 2006
Delivery date	May 2007

	Tunnels Walhorn en Soumagne
Country	Belgium
Concerns	Traintunnels route Brussels - Cologne
Client	Engema Rail
Delivery	10 + 12 Jet fans type: JZR 12-55/4, Thrust = 1650 N
Terms of delivery	Including transport, workstests, commissioning and site testing.
Contract date	Januari 2007
Delivery date	September 2007

	Saukopftunnel
Country, Place	Germany, Weinheim
Length	2715 m
Client	Dürr GmbH
Delivery	2 x Reversible fan ERWD31,5-ND45 with electro mechanical blade adjustment system, suitable for 400°C during 90 min. Revision of the existing reversible and fresh air fans.
Terms of delivery	Including dismantling, transport, tests, erection, commissioning and site testing.
Contract date	May 2008
Delivery date	December 2008

	Projekt „Diabolo“
Country, Place	België, Zaventem (Luchthaven)
Length	Ca. 2000 m
Client	Consortium Dialink
Delivery	4 x Reversible fans FRWD18-ND50, suitable for 400°C during 60 min. 3 x Exhaust fans FUWD16-ND67, suitable for 400°C during 60 min. 12 x Jet fans JZR 7-30/2, Thrust = 730 N; suitable for 400°C during 60 min. Dampers, silencers, transitions pieces and saccardonozzles
Terms of delivery	Including design, transport, tests, erection, commissioning and site testing.
Contract date	July 2008
Delivery date	End 2011

	Galleria Vedeggio-Cassarate
Country, Place	Switzerland, Lugano
Length	2650 m
Client	Canton Tessin
Delivery	2 x Exhaust fans HUWD21-ND53 with hydraulic blade adjustment system, suitable for 250°C during 120 min. 2 x Fresh air fans FUWD12-ND45; 8 x Jet fans JZR 10-30/4, Thrust = 900 N; suitable for 250°C during 120 min.
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	August 2008
Delivery date	February 2011

	Tauerntunnel
Country, Place	Oostenrijk, St. Michael
Length	6600 m
Client	Asfinag
Delivery	8 x Exhaust fans HUWD25-ND56 with hydraulic blade adjustment system, suitable for 400°C during 120 Min. 8 x Verse lucht ventilatoren HUWD21-ND53 with hydraulic blade adjustment system; 50 x Pressurize fans FUWD06-ND50 for escape routes Transitions pieces, dampers, deflection vanes, guide plates
Terms of delivery	Including transport, tests, dismantling, erection, construction works, commissioning and site testing.
Contract date	August 2008
Delivery date	April 2011

	Engelbergtunnel
Country, Place	Zwiserland, Stans - Engelberg
Length	4060 m
Client	Zb Zentralbahn AG
Delivery	9 x Jet fans JZ12-45/4 incl. switch boxes
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	June 2009
Delivery date	April 2010

	Saaser Tunnel
Country, Place	Switzerland, Saas
Length	2580 m
Client	Tiefbauamt Canton Graubünden
Delivery	2 x Exhaust fans FUWD22,5-ND56, suitable for 400°C during 120 Min. Transitions pieces, dampers
Terms of delivery	Including transport, tests, heat tests, erection, commissioning and site testing.
Contract date	September 2009
Delivery date	December 2010

	Tunnel Moutier
Country, Place	Switzerland, Canton Bern
Length	1200 m
Client	Tiefbauamt Canton Bern
Delivery	11 x Jet fans JZR 10-30/4, Thrust = 830 N; Suitable for 250°C during 120 minuten.
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	August 2010
Delivery date	March 2011

	Tunnel Graiter
Country, Place	Switzerland, Canton Bern
Length	2460 m
Client	Tiefbauamt Canton Bern
Delivery	2 x Exhaust fans HHWD22,5-ND69 with hydraulic blade adjustment system suitable for 250 °C during 120 Min. 8 x Jet fans JZR 8-37/2, Thrust = 950 N; suitable for 250°C during 120 Minuten. 2 x Fresh air fans FUWD08-ND67; Dampers, silencers, transitions pieces and air ducts
Terms of delivery	Including transport, test, erection, commissioning and site testing.
Contract date	August 2010
Delivery date	August 2013

	Pfändertunnel
Country, Place	Austria, Bregenz
Length	6600 m
Client	Asfinag Baumanagement GmbH
Delivery	8 x Exhaust fans HUWD24-ND67 with hydraulic blade adjustment system suitable for 400°C during 120 Min. 4 x Fresh air fans HUWD20-ND47 with hydraulic blade adjustment system; 4 x Fresh air fans HUWD17-ND42 with hydraulic blade adjustment system; 25 x Positive pressure fans FUWD06-ND50 Transitions pieces, dampers, guide vanes, guide plates, cranes
Terms of delivery	Including transport, tests, dismantling, erection, construction works, commissioning and site testing.
Contract date	November 2010
Delivery date	April 2013

	Kerenzerbergtunnel
Country, Place	Switzerland, Kanton Glarus
Length	5760 m
Client	Bundesamt für Strassen (ASTRA)
Delivery	Revision of 6 x exhaust fans with hydraulic blade adjustment system. 2 x Fresh air fans FUWD09-ND40; Dampers, silencers, transitions pieces and ducts
Terms of delivery	Including transport, tests, dismantling, erection, commissioning and site testing.
Contract date	July 2011
Delivery date	August 2012

	Bosrucktunnel
Country, Place	Austria, Ardning bis Spital am Pyrh
Length	5500 m
Client	Asfinag Baumanagement GmbH
Delivery	2 x Exhaust fans HUWD25-ND53 with hydraulic blade adjustment system and external motor cooling, suitable for 400°C during 120 Min. 11 x Fresh air fans FUWD09-ND28 20 x Jet fans JZR 16-90/4, suitable for 400°C during 120 Min. Transitions pieces, dampers, guide vanes, guide plates
Terms of delivery	Including transport, tests, dismantling, erection, commissioning and site testing.
Contract date	July 2011
Delivery date	December 2015

	Zürich HB, Durchmesserlinie, Bahnhof Löwenstrasse - Brandlüftung
Country, Place	Switzerland, Zürich
Length	500 m (Platform)
Client	Schweizerische Bundes Bahn
Delivery	2 x Exhaust fans HHWD24-ND56 with hydraulic blade adjustment system and external motor cooling, suitable for 400°C during 120 Min. transitions pieces, dampers, guide vanes, guide plates
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	September 2011
Delivery date	May 2014

	Tunnel Gernsbach
Country, Place	Germany, Gernsbach
Length	1527 m
Client	Dürr Group GmbH
Delivery	2 x Exhaust fans HHWD19-ND60 with hydraulic blade adjustment system, suitable for 250°C during 90 min. 8 x Jet fans JZR 8-37/2, Thrust = 995 N; suitable for 250°C during 90 Minuten. transitions pieces, dampers
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	June 2012
Delivery date	January 2013

	Meisterntunnel
Country, Place	Germany, Bad Wildbad
Length	1340 m
Client	Dürr Group GmbH
Delivery	2 x Exhaust fans HUWD21-ND53 with hydraulic blade adjustment system, suitable for 250°C during 90 min. transitions pieces, dampers, silencers
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	July 2012
Delivery date	July 2013

	Neubau H2, Pratteln - Liestal (HPL), Tunnel Schönthal
Country, Place	Switzerland, Liestal
Length	2180 m
Client	Tiefbauamt Basel-Landschaft
Delivery	4 x Exhaust fans HHWD22,5-ND56 with hydraulic blade adjustment system, suitable for 400°C during 120 min. transitions pieces, dampers, guide vanes, silencers, partitions
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	September 2012
Delivery date	August 2013

	Tunnel Wagenladungsstraße
Country, Place	Germany, Stuttgart
Length	405 m
Client	DB Services Immobilien GmbH
Delivery	2 x Exhaust fan FUWD20-ND45, suitable for 250°C during 120 min. 3 x Jet fan JZR 7-18,5/2, thrust = 540 N transitions pieces, dampers, guide vanes, silencers, partitions
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	September 2012
Delivery date	August 2013

	Nord Umfahrung Klagenfurt - Ehrentalerbergtunnel
Country, Place	Austria, Klagenfurt
Length	3345 m
Client	Asfinag Baumanagement GmbH
Delivery	1 x Reversible fan HRWD26,5-ND50 with hydraulic blade adjustment system, suitable for 400°C während 120 Min. transitions pieces, dampers, guide vanes, silencers, doors
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	February 2013
Delivery date	November 2013

	Perjentunnel
Country, Place	Austria, Landeck
Length	2995 m
Client	Asfinag Baumanagement GmbH
Delivery	Revision of 2 x exhaust fans with hydraulic blade adjustment system and an erection hatch
Terms of delivery	Including dismantling, transport, erection and commissioning.
Contract date	May 2013
Delivery date	September 2013

	Belchentunnel
Country, Place	Switzerland, Basel
Length	3180 m
Client	Bundesamt für Strassen, ASTRA, Filiale Zofingen
Delivery	Revision of 6 x Exhaust fans
Terms of delivery	Including dismantling, transport, erection and commissioning.
Contract date	April 2013
Delivery date	September 2015

	Tunnel Hoge Mouw
Country, Place	Belgium, Kasterlee
Length	500 m
Client	CofelyFabricom GDF-SUEZ
Delivery	16 x Jet fans JZR 7-30/2 thrust = 730 N with guide vanes
Terms of delivery	Including transport and commissioning.
Contract date	June 2013
Delivery date	February 2014

	Leissigen Tunnel
Country, Place	Switzerland, Bern
Length	2200 m
Client	Bundesamt für Strassen, ASTRA, Filiale Thun
Delivery	Revision of 2 x Exhaust fans and increase of airflow
Terms of delivery	Including dismantling, transport, erection and commissioning.
Contract date	October 2013
Delivery date	October 2014

	A4 Midden Delfland
Country, Place	The Netherlands, Schiedam-Delft
Length	West tube 1920 m; East tube 1590 m
Client	A4All
Delivery	19 x Jet fan JZ 10-30/4, thrust = 1083 N and 18 x jet fan JZR 7-22/2, thrust = 626 N with guide vanes
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	January 2014
Delivery date	October 2014

	Tunnel Viamala
Country, Place	Switzerland, Bern
Length	2200 m
Client	Bundesamt für Strassen, ASTRA, Filiale Bellinzona
Delivery	10 x Jet fan JZR 8-37/2, thrust = 995 N
Terms of delivery	Including transport, tests, erection, commissioning and site testing.
Contract date	May 2014
Delivery date	August 2014

	Karawankentunnel
Country, Place	Austria, St. Jakob im Rosental
Length	7864 m
Client	Asfinag Baumanagement GmbH
Delivery	2 x Exhaust fan HUWD25-ND56 with hydraulic blade adjustment system, suitable for 400°C during 120 Min. 2 x Fresh air fan HUWD25-ND56 with hydraulic blade adjustment system, transition pieces, dampers. Revision of the jet fans
Terms of delivery	Including dismantling, transport, erection and commissioning.
Contract date	May 2014
Delivery date	May 2015