

Building & Industry

NOVENCO 

SCHAKO Group

Reference list Tunnel ventilation

Reference list

Country	Location	Project	Type	Length [m]	System type	Construction	Year
Netherlands	Dordrecht	Kiltunnel	Road	901	Tunnel ventilation jet fans	Newly built	1977
Netherlands	Rotterdam	Botlektunnel	Road	1.181	Tunnel ventilation jet fans	Newly built	1979
Netherlands	Zaanstad	Hemtunnel	Rail	2.400	Tunnel ventilation jet fans	Newly built	1980
Netherlands	Amsterdam	Schipholtunnel	Road	660	Tunnel ventilation jet fans	Newly built	1988
Netherlands	Amsterdam	Zeeburgertunnel	Road	946	Tunnel ventilation jet fans	Newly built	1989
Netherlands	Alblasserdam	Noordtunnel	Road	1.270	Tunnel ventilation jet fans	Newly built	1991
Netherlands	Dordrecht	Drechtunnel	Road	823	Tunnel ventilation jet fans	Renovation	1991
Netherlands	Heinenoord	Heinenoordtunnel	Road	615	Tunnel ventilation jet fans	Renovation	1991
Netherlands	Rotterdam	Willemspoortunnel	Rail	3.164	Tunnel ventilation jet fans	Newly built	1992
Netherlands	Rotterdam	Botlektunnel	Road	1.181	Tunnel ventilation jet fans	Renovation	1994
Netherlands	Amsterdam	Piet Heintunnel	Road	1.900	Tunnel ventilation jet fans	Newly built	1996
Netherlands	Beverwijk	Wijkertunnel	Road	2.000	Tunnel ventilation jet fans	Newly built	1996
Netherlands	Leiden	Stationspleintunnel	Road	500	Tunnel ventilation jet fans	Newly built	1996
Denmark	Sprogø-Korsør	Storebælttunnel	Rail	8.024	Tunnel ventilation jet fans	Newly built	1997
Netherlands	Amsterdam	Schipholspoortunnel	Rail	5.780	Tunnel ventilation jet fans	Newly built	1997
Portugal	Gardunha	Gardunha Tunnel	Road	1.580	Tunnel ventilation jet fans	Newly built	1997
Netherlands	Amsterdam	2e Schipholtunnel	Road	660	Tunnel ventilation jet fans	Newly built	1998
Netherlands	Amsterdam	2e Schipholtunnel	Road	660	Pressurisation escape route	Newly built	1998
Netherlands	Heinenoord	2e Heinenoordtunnel	Road	1.600	Tunnel ventilation jet fans	Newly built	1998
Netherlands	Pernis	Leidingtunnel Oude Maas	Service	481	Tunnel ventilation jet fans	Newly built	1998
Netherlands	The Hague	Koningstunnel	Road	750	Tunnel ventilation jet fans	Newly built	1998
Netherlands	Amsterdam	Schipholtunnel	Road	660	Tunnel ventilation jet fans	Renovation	1999
Netherlands	Best	Spoortunnel Best I	Rail	1.890	Tunnel ventilation jet fans	Newly built	1999
Netherlands	Rotterdam	2e Beneluxtunnel	Road	1.348	Tunnel ventilation jet fans	Newly built	2000
Netherlands	Rotterdam	2e Beneluxtunnel	Road	1.348	Pressurisation escape route	Newly built	2000
Netherlands	Amsterdam	Piet Heintunnel (IJ-tramtunnel)	Rail	1.900	Tunnel ventilation jet fans	Newly built	2001
Netherlands	Rozenburg	Calandtunnel	Road	1.135	Tunnel ventilation jet fans	Newly built	2001
Germany	Jena	Tunnel Uniklinikum	Road		Tunnel ventilation jet fans	Newly built	2002
Netherlands	Best	Spoortunnel Best II	Rail	1.890	Tunnel ventilation jet fans	Newly built	2002
Netherlands	Maastricht	Tunnel Markt-Maas	Road	700	Tunnel ventilation jet fans	Newly built	2002
Spain	Bilbao	Ibarrekolanda Tunnel	Road	450	Tunnel ventilation jet fans	Newly built	2003
Netherlands	Dordrecht	Spoortunnel Dordtsche Kil	Rail	2.588	Tunnel ventilation jet fans	Newly built	2004
Netherlands	Dordrecht	Spoortunnel Dordtsche Kil	Rail	2.588	Pressurisation escape route	Newly built	2004
Netherlands	Leiderdorp	Tunnel Groene Hart	Rail	8.670	Tunnel ventilation jet fans	Newly built	2004
Netherlands	Leiderdorp	Tunnel Groene Hart	Rail	8.670	Pressurisation escape route	Newly built	2004
Netherlands	Rotterdam	Burgemeester Thomassentunnel	Road	1.135	Pressurisation escape route	Newly built	2004
Netherlands	Zwijndrecht	Tunnel Oude Maas	Rail	2.500	Tunnel ventilation jet fans	Newly built	2004
Netherlands	Zwijndrecht	Tunnel Oude Maas	Rail	2.500	Pressurisation escape route	Newly built	2004
Portugal	Porto	Aeroporto Metro Porto	Rail		Tunnel ventilation jet fans	Newly built	2006
Portugal	Porto	City Tunnel Oporto	Road		Tunnel ventilation jet fans	Newly built	2006
Finland	Helsinki	Outer Ring Road III	Road	1.520	Tunnel ventilation jet fans	Newly built	2007
Netherlands	Dronten	Drontermeertunnel	Rail	1.300	Tunnel ventilation jet fans	Newly built	2007
Netherlands	The Hague	Randstadrail	Rail	1.250	Tunnel ventilation jet fans	Newly built	2007
Netherlands	The Hague	Randstadrail	Rail	1.250	Pressurisation escape route	Newly built	2007
Finland	Muurla	E18 Expressway	Road	2.242	Tunnel ventilation jet fans	Newly built	2008



Tunnel jet fans built for critical performance

Backed by more than 50 years of tunnel ventilation experience, NOVENCO tunnel jet fans are manufactured in Denmark to the highest standards, delivering reliable operation, high efficiency, low sound levels and proven performance in demanding road and rail tunnel applications.

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Country	Location	Project	Type	Length [m]	System type	Construction	Year
Netherlands	Rotterdam	Botlektunnel	Road	1.181	Tunnel ventilation jet fans	Renovation	2008
Netherlands	Rotterdam	Botlektunnel	Road	1.181	Pressurisation escape route	Renovation	2008
Sweden	Stockholm	Söderleds Tunnel	Road	1.550	Tunnel ventilation jet fans	Renovation	2008
Netherlands	Utrecht	Tunnel A2 Leidsche Rijn	Road	1.650	Tunnel ventilation jet fans	Newly built	2009
Netherlands	Utrecht	Tunnel A2 Leidsche Rijn	Road	1.650	Pressurisation escape route	Newly built	2009
Netherlands	Zuid-Beveland	Vlaketunnel	Road	774	Pressurisation escape route	Renovation	2009
Netherlands	Zuid-Beveland	Vlaketunnel	Road	774	Tunnel ventilation jet fans	Renovation	2009
Portugal	Porto	Trofa tunnel	Rail	1.404	Tunnel ventilation jet fans	Newly built	2009
Iceland	Ólafsfjörður	Héðinsfjarðargöng tunnel I	Road	3.700	Tunnel ventilation jet fans	Newly built	2010
Iceland	Ólafsfjörður	Héðinsfjarðargöng tunnel II	Road	6.900	Tunnel ventilation jet fans	Newly built	2010
Netherlands	Amsterdam	Metro Amsterdam (East Line)	Rail		Tunnel ventilation jet fans	Renovation	2010
Netherlands	Alblasserdam	Noordtunnel	Road	1.270	Tunnel ventilation jet fans	Renovation	2011
Netherlands	Alblasserdam	Noordtunnel	Road	1.270	Pressurisation escape route	Renovation	2011
Netherlands	Amsterdam	Zeeburgertunnel	Road	946	Tunnel ventilation jet fans	Renovation	2011
Netherlands	Amsterdam	Zeeburgertunnel	Road	946	Pressurisation escape route	Renovation	2011
Netherlands	Amsterdam	Coentunnel	Road	1.283	Tunnel ventilation jet fans	Newly built	2012
Netherlands	Amsterdam	Coentunnel	Road	1.283	Pressurisation escape route	Newly built	2012
Netherlands	Amsterdam	IJtunnel	Road	1.682	Tunnel ventilation jet fans	Renovation	2012
Netherlands	Amsterdam	IJtunnel	Road	1.682	Pressurisation escape route	Renovation	2012
Belgium	Brussel	Schuman-Josafattunnel	Rail	1.250	Tunnel ventilation jet fans	Newly built	2013
Belgium	Brussel	Schuman-Josafattunnel	Rail	1.250	Pressurisation escape route	Newly built	2013
Netherlands	Nijverdal	Salland-Twentetunnel	Road	1.500	Tunnel ventilation jet fans	Newly built	2013
Netherlands	Amsterdam	Michiel de Ruijtertunnel	Road	360	Tunnel ventilation jet fans	Newly built	2014
Netherlands	Amsterdam	Michiel de Ruijtertunnel	Road	360	Pressurisation escape route	Newly built	2014
Netherlands	Schiedam	Ketheltunnel	Road	1.950	Pressurisation escape route	Newly built	2014
Netherlands	Utrecht	Stadsbaantunnel Leidsche Rijn	Rail	1.650	Tunnel ventilation jet fans	Newly built	2014
Netherlands	Utrecht	Stadsbaantunnel Leidsche Rijn	Rail	1.650	Pressurisation escape route	Newly built	2014
Netherlands	Amsterdam	Abdijtunnel	Road	1.800	Tunnel ventilation jet fans	Renovation	2015
Netherlands	Maastricht	Koning Willem-Alexandertunnel	Road	2.300	Tunnel ventilation jet fans	Newly built	2015
Netherlands	Maastricht	Koning Willem-Alexandertunnel	Road	2.300	Pressurisation escape route	Newly built	2015
Netherlands	Sluiskil	Sluiskiltunnel	Road	1.145	Tunnel ventilation jet fans	Newly built	2015
Netherlands	Amsterdam	Gaasperdammertunnel	Road	3.000	Tunnel ventilation jet fans	Newly built	2016
Netherlands	Amsterdam	Gaasperdammertunnel	Road	3.000	Pressurisation escape route	Newly built	2016
Netherlands	Dordrecht	Drechtunnel	Road	823	Tunnel ventilation jet fans	Renovation	2016
Netherlands	Dordrecht	Drechtunnel	Road	823	Pressurisation escape route	Renovation	2016
Netherlands	Rotterdam	Beneluxtunnel	Road	1.300	Tunnel ventilation jet fans	Renovation	2016
Netherlands	Rotterdam	Maastunnel	Road	1.373	Tunnel ventilation jet fans	Renovation	2017
Netherlands	The Hague	Koningstunnel	Road	750	Tunnel ventilation jet fans	Renovation	2018
Netherlands	Voorschoten	Corbulotunnel	Road	2.520	Tunnel ventilation jet fans	Newly built	2018
Netherlands	Rotterdam	Rottemerentunnel	Road	2.235	Tunnel ventilation jet fans	Newly built	2019
Netherlands	Rotterdam	Rottemerentunnel	Road	2.235	Pressurisation escape route	Newly built	2019
Netherlands	Amsterdam	Piet Heintunnel	Road	1.900	Tunnel ventilation jet fans	Renovation	2021
Netherlands	Amsterdam	Piet Heintunnel	Road	1.900	Pressurisation escape route	Renovation	2021
Belgium	Mechelen	Margaretatunnel (Tangent)	Road	750	Tunnel ventilation jet fans	Newly built	2022
Netherlands	Heinenoord	Heinenoordtunnel	Road	615	Pressurisation escape route	Renovation	2022

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Country	Location	Project	Type	Length [m]	System type	Construction	Year
Netherlands	Amsterdam	Schiphol Spoortunnel Station	Rail	450	Tunnel ventilation jet fans	Renovation	2023
Netherlands	Heinenoord	Heinenoordtunnel	Road	615	Tunnel ventilation jet fans	Renovation	2023
Netherlands	Roermond	Roertunnel	Road	2.450	Tunnel ventilation jet fans	Renovation	2023
Netherlands	Swalmen	Swalmentunnel	Road	400	Tunnel ventilation jet fans	Renovation	2023
Belgium	Antwerpen	Beveren Tunnel	Road	1.475	Pressurisation escape route	Renovation	2024
Belgium	Antwerpen	Beveren Tunnel	Road	1.475	Tunnel ventilation jet fans	Renovation	2024



Rottemerentunnel



Gaasperdammertunnel



Heinenoordtunnel



A2 Covertunnel Leidscherijn

About NOVENCO®

NOVENCO Building & Industry is a global leader in high-efficiency ventilation solutions. With decades of engineering expertise, we develop fans and fan solutions that deliver exceptional energy efficiency, reliable performance and long-term durability - even under the harshest conditions.

The flagship ZerAx® fan series sets the benchmark for efficiency, durability and environmental performance across industrial and commercial applications.

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