

Reference list Solfic – Engineering & Consultancy (per 1/7/2016)

year	customer	Project description	Activities by Solfic			
			study	analysis	engineering	Prototyping & testing
2016 - 2010	ASML	Design and analysis of various Wafer Table Vacuum and cooling water circuits. Analysis top and bottom side (Clamp) vacuum, steady state and transient.	x	x		x
2014 - 2010	ASML	Architecture, design and qualification of NXT Position Module vacuum and air circuits and parts. Support and troubleshooting of Wafer Clamp related issues on pilot and proto machines.	x	x		x
2015	ProRail	Study and analysis of alternative switch rails (points) heating concepts for the Dutch Railway company	x	x	x	
2014	ProRail	Analysis of material stress and point blades displacement in switch rails (points)		x		
2014	-	Development of a Low emission, high output BBQ burner			x	x
2013	Holland Heater	Analysis and consultancy of a greenhouse ventilation system		x	x	
2012	Adhetec	Wind force calculations of an outdoor camera system			x	
2011	Adhetec	Design of a mobile, stand-alone, wind & solar powered camera system			x	x
2010	Adhetec	Analysis of critical displacements in rail switches for derailing for the Dutch Railway company ProRail		x		
2010	Mecal	Calculation and engineering of cooling concepts for a new type of sensor for CT scanners	x	x	x	
2007	Holland Heater	Development and CE certification of a direct-fired air heater for heating greenhouses and poultry houses according EN 498		x	x	x
2007	Holland Heater	Analysis and optimization of a ventilation system for greenhouses		x		
2009 - 2006	Eclipse Combustion	Project management and engineering of industrial burner and heater systems		x	x	
2006	Adhetec	Development and manufacturing of an electrical radiant + convective heater to accelerate curing of glued isolation welds for rail tracks	x	x	x	x

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year	customer	Project description	study	analysis	engineering	Prototyping & testing
2006	ProEmium	Study, analysis and testing of various electrical points heater (rail way switch) systems for Dutch Railway company ProRail		x		
2006	-	Development of an innovative BBQ burner including CE certification	x	x	x	x
2006	Adhetec	Development of water-tight underground switch board boxes for public area's such as market places	x	x	x	X
2005	Adhetec	Development of electrical block elements for points heating (rail way switches)	x	x	x	x
2004	Eclipse Combustion	Design of a highly accurate mechanical gas-air control system		x	x	x
2003	Eclipse Combustion	Development and testing of a burner nozzle for a low-emission burner with high turn down		x	x	x
2002	-	Development of an ATEX electro-hydraulic actuator for fast release of mooring hooks	x	x	x	x
2001	-	Development of a low-cost compact 90° turn pneumatic actuator	x	x	x	x
2001	ProEmium	Design of a Thermo-dynamic Railway Switch Calculation Model for the Dutch Railway company. The model predicts the efficiency of various heater systems based on heater parameters, geometry and meteorological conditions	x	x		
2000	Eclipse Combustion	Design of a compact multi-gas packaged burner for industrial applications	x	x	x	x