## <u>Milestones</u>

Year	Company development	Technical development
1978	Foundation of Optimas GmbH by DiplIng. Harald Kleinemas; Production in the own double garage	
1979	Patent applications	World novelty: 1. self-propelled paving machine Optimas Type T 33
1982	Construction of the first production hall with offices & social rooms (1,160 m <sup>2</sup> )	Next generation of paver laying machine Type T 44
1983	Presentation of the Paver laying equipment on the "BAUMA" in Munich.	
1984		Next generation of paver laying machine Type T 55
1985	Opening of the service station in Aschaffenburg; New 800 m <sup>2</sup> production facility	World novelty: Optimas Maxi-Screed
1987		World novelty: Mechanical kerb clamp for laying machine
1988		World novelty: Paver Joints-Filler for laying machine
1989	Extension of the production facility 1.250m <sup>2</sup> / New powder coating plant	Next generation of paver laying machine Type T 66
1991	New production hall with social rooms (2,480m <sup>2</sup> ) & installation of two welding robots	
1993	New production & storage facilities (4.710m <sup>2</sup> )	
1994	Extension of production & warehouse (1.500 m <sup>2</sup> )	World novelty: Next generation of paver laying machine Type H 66 with automatic function for the hydraulic clamp
1995	Opening of two new service stations Brandenburg-Rietz & Halle-Queis	
1996	Patent applications	Next generation of the H 77 Comfort paver laying machine with fully hydraulic clamp
1997	Foundation: Optimas Polska; Optimas Czech	Introduction Optimas - vacuum technology
1998		Introduction of Paver joints-filler with water supply
1999	Opening of Optimas training centre	
2000	Dipl. Ing. Friedrich Kleinemas also becomes managing director	Introduction of Paver joints-filler with water supply for Wheel loader

2001		Introduction Optimas spreading shovel for wheel loader
2002		Introduction Optimas Paver Joints-filler "Mini" - awarded with an innovation medal
2003	25th company anniversary	
2004		Next generation of paver laying machine Optimas Type H88
2005		World's first: Formwork system for gutter and curb foundations
2008	30-year company anniversary Opening of a new administration building	
2009		Introduction of the Vacuum tube lifter
2011		Introduction of Clamp "Easy1"
2012		Introduction PlanMatic
2013	35-year company anniversary	Optimas H88 "Limited Edition"
2013		Introduction of the Optimas T11 Basic. Low budget alternative to the H88.
2014:	15-jähriges Bestehen Optimas-Trainingszenturm	15th anniversary Optimas Training Center
2014		Introduction of the vacuum SV series
2014		Introduction PlanMatic with 3D control and hydraulic bucket.
2014		Introduction of Optimas pavement joint filler "MINI" 2.0
2015		World novelty - Introduction of the Side-shoot bucket "Finliner"
2015		Introduction of the Optimas Formwork system for kerb haunching and screeding
2016		Introduction Optimas Paver laying machine Type T22 (successor for T11)
2016		Introduction Vacuum DUO System
2016		Introduction Optimas Paver laying machine Type H99 (successor for H88)
2017		PlanMatic - new control system
2017	Franz-Josef Werner becomes managing director	

2018		PlanMatic - with variable working widths
2018		5
		Optimas H99 as "Harald Kleinemas" edition
2018		Optimas T22 as "Harald Kleinemas" edition
2018	Patent applications	Optimas Paver-Clamp for Excavator with 3-K control
2018	40-year company anniversary	
2019		NEW Optimas Paver laying machine Type S19 and S19 E (electric version) (successor for H99)
2019		NEW Paver-Clamp Multi6E
2019	20th anniversary Optimas training center	10 years Optimas - vacuum tube lifter
2020		NEW Paver-Clamp Multi6 E / ME
2021		NEW Kerb-Screed
2021		NEW Stone-Clamp MULTIFLEX
2022		Introduction Optimas Paver laying machine Type Pacer P22 (successor for T22)
2022		NEW Optimas Mini Screed Connect
2022		NEW Optimas Weed Brush
2022		NEW Optimas Finliner 0,5
2022		NEW Optimas S19 E (new electric drive)
2022		NEW Optimas Vacu-Pallet-Mobil E (with electric drive)
2022		NEW Optimas PlanMatic <b>3D</b> with Automatic longitudinal slope control
2023	45-year company anniversary	NEW Remote control and automatic mast alignment for Optimas-Vacu-Pallet-Mobil
2024		Introduction Optimas Paver laying machine Type PaveJet S24



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