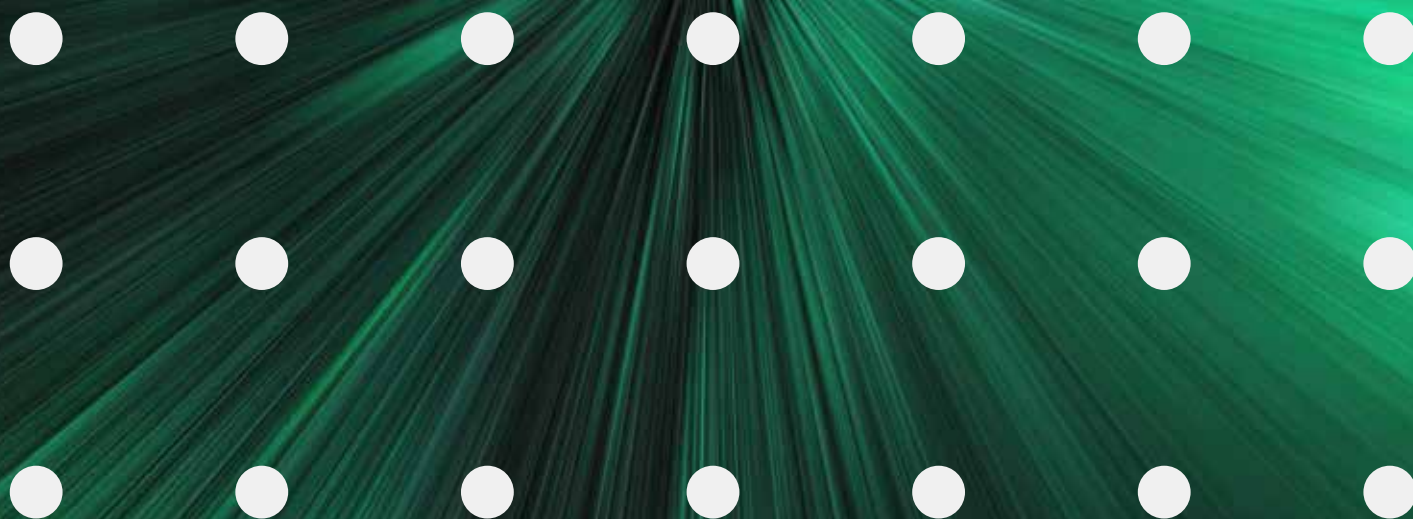


REGLOPLAS

every degree counts.

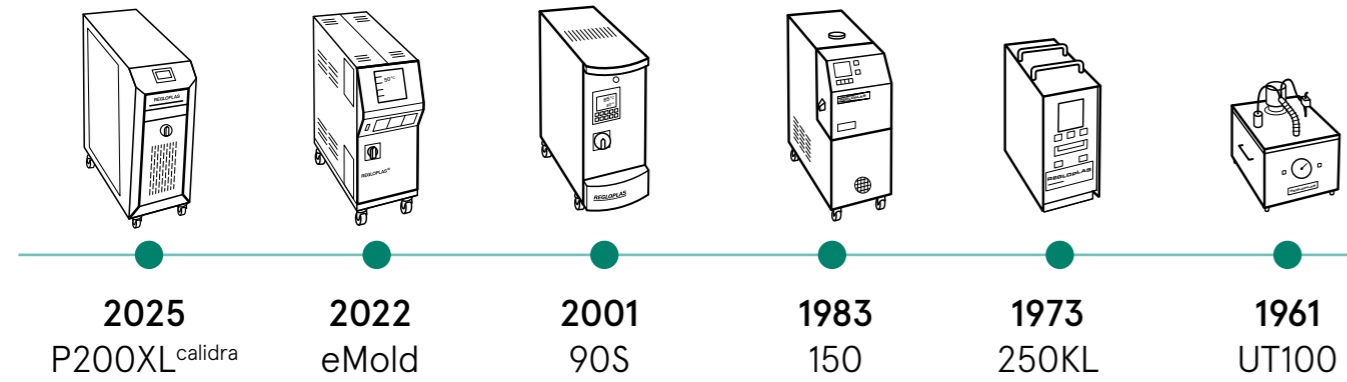


REGLOPlast

High performing across key processing methods.

Advanced Temperature Control for the plastics industry.

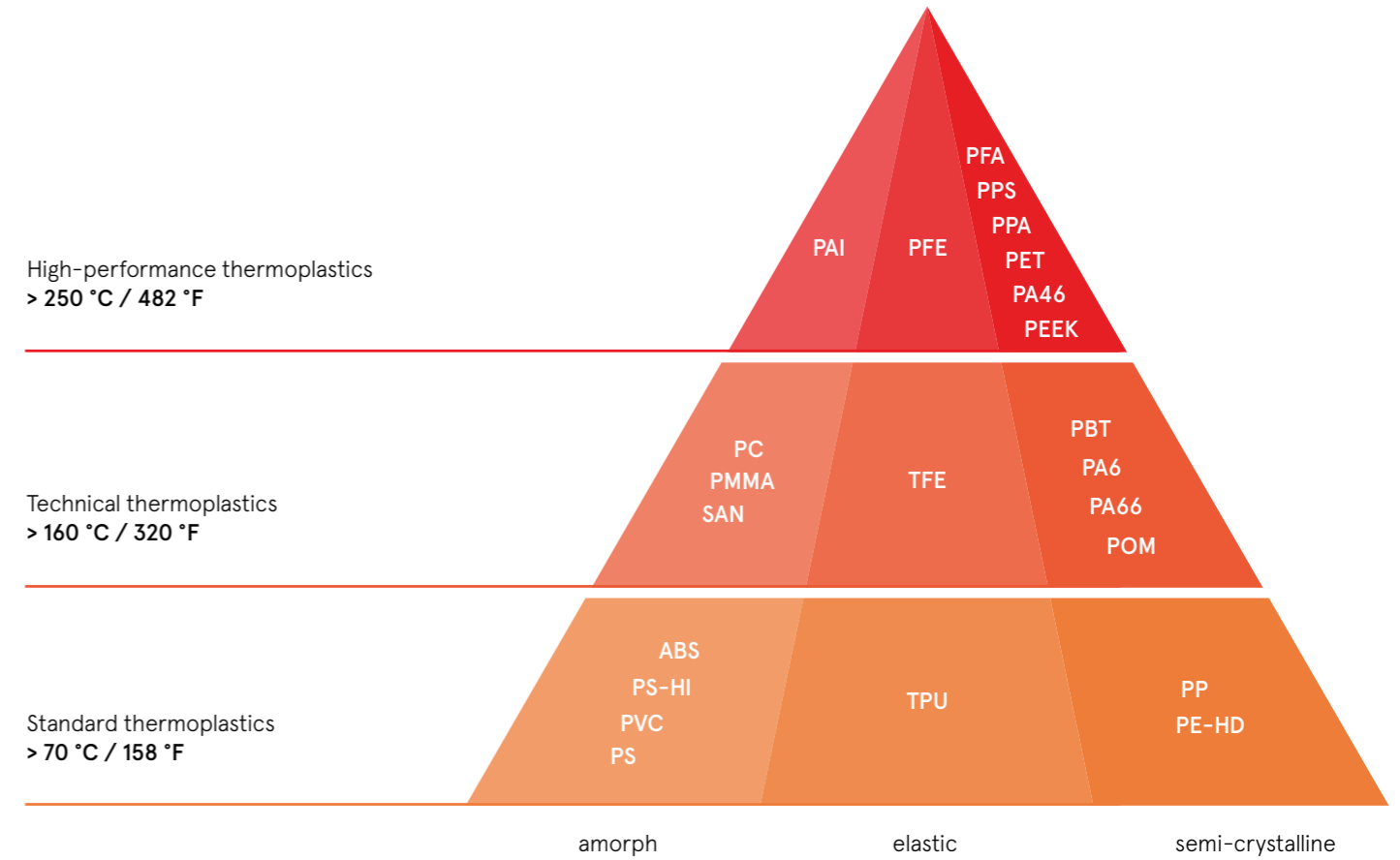
The original. Since 1961.



History

- | | |
|---|---|
| <p>2025 Market launch of XL product family: a compact design, up to 500 l/min flow rate, with cyclone separator</p> <p>2024 REGLOPLAS strengthens its Asian market presence with on-site field service and business development</p> <p>2023 Move-in to the Smart Factory with cutting-edge production environment in the east of St. Gallen</p> <p>2022 Introduction of eMold, a versatile TCU for the plastics industry</p> <p>2021 Market launch of RT200 – Connectivity and unlimited interfaces</p> <p>2018 Pressurized water units 230 °C / 446 °F</p> <p>2007 Founding of REGLOPLAS France</p> <p>2006 Opening of REGLOPLAS China</p> | <p>2000 Establishment of REGLOPLAS USA</p> <p>1998 Founding of AIC REGLOPLAS Germany</p> <p>1994 Pressurized water units 160 °C / 320 °F</p> <p>1983 150 water unit – segregation of electrical & mechanical systems, incorporation of wheels for enhanced mobility</p> <p>1973 250KL oil units up to 250 °C / 482 °F</p> <p>1972 First participation at Hannover Exhibition</p> <p>1961 Initial REGLOPLAS Temperature Control Unit (TCU) – UT100</p> <p>1961 Established as «Herzog, Stieger, Baur & Co HESBA Technik, St. Gallen», rebranded REGLOPLAS AG in 1966</p> |
|---|---|

Performance across all processing temperatures.



Precise temperature control management optimizes output

Injection molding

- Precise temperature control with water (up to 230 °C / 446 °F) and oil (up to 350 °C / 662 °F)
- Optimized productivity and process quality
- Temperature control solutions with multiple distributors and variothermal processes



Composite

- Flexible temperature control with water and oil
- Customized cooling and heating capacity
- Best process control with optimized software and ramp program



Extrusion

- Powerful and accurate temperature control
- High heating, cooling and pump performance
- Wide portfolio for all extrusion applications



Compounding

- Powerful temperature control with water and oil
- Customized cooling and heating capacity
- Enhancing quality and productivity



Temperature control units

Product overview

Medium	Product class	Outlet temp. max.	Main parameters	Product type												
				XS	smart		S			M		L		XL	XL ^{calidra}	
Water	Open bath	90 °C 194 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.		90smart 6/9 51/75 60/70	150smart 6/9 38 60/70	90S 6/9 51/75 60/70	150S 6/9 38 60/70	150 6/12/18 58/75 60/70					90XL 20/40/60 160 140/200		
	Pressurized water	100 °C 212 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.	P100XS 3 32 11	P100smart 8 145 40		P100S 8 145/60/78 40/50	P100S ^{eMold} 8 78 50		P100M 8/18 145/60/78 60/90/85		P100L 17/34/51 160 140				
		120 °C 248 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.		P120smart ¹ 8 ² 160 140											
		140 °C 284 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.	P140XS 3 38 11	P140smart 8 85 40		P140S 8 56/68 40/50	P140S ^{eMold} 8 68 50		P140M 8/18 56/68 60/90/85		P140L 17/34/51 85/95 140				
		160 °C 320 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.				P160S 8 66/78 40/50	P160S ^{eMold} 8 78 50		P160M 8/18 66/78 60/90/85	P160MD 8/18 66/78 60/90/85	P160L 17/34/51 101/112 140	P160LD 17 66/78 80		P160XL ^{calidra} 40/100 230/400 300/500	NEW
		180 °C 356 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.				P180S 8 76/90 40/50	P180S ^{eMold} 8 90 50		P180M 8/18 76/90 60/90/85	P180MD 8/18 76/90 60/90/85	P180L 17/34 /51 116/129 140	P180LD 17 76/90 80			
		200 °C 392 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.				P200S 8 86/102 40/50	P200S ^{eMold} 8 102 50		P200M 8/18 86/102 60/90/85	P200MD 8/18 86/102 60/90/85		P200LD 17 86/103 80		P200XL ^{calidra} 40/100 285/500 300/500	NEW
		230 °C 446 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.							P230M 18 100 85						
		Oil	Open bath	150 °C 302 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.		150smart 6/9 29 60/70	150S 6/9 29 60/70	150 6/12/18 58/75 60/70							
180 °C 356 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.						180S 6/9 29 40/50	150 (180 °C) 6/12/18 52/86 70								
200 °C 392 °F	Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.							150 (200 °C) 6/12/18 52/86 70								
High temperature oil	300 °C 572 °F		Heating capacity kW at 400V Cooling capacity kW Pump flow rate max. l/min.				300S 6 70 60			300MD 12 130 80/85	300L/300LD 20/40 160 90	350L/350LD 20 30/85 90				













Notes: Large variety of options available: various interfaces, pumps, filters etc.

¹Launch Q1/Q2 2026

²8 kW EU standard, 10 kW US standard

Temperature control solutions

multiFlow distributors

	Medium		Max. temperature °C/°F					Number of channels						Version				Flow meter							Assembly		Control			
	Water	Oil	120/248	150/302	160/320	180/356	200/392	350/662	4	8	10	12	16	up to 48 *7	autom.		manual		IFM 0.3 – 25 l/min	F181 3 – 30 l/min	F352 3 – 30 l/min	VFS 1–18 l/min	VFS 2 – 40 l/min	FD-Q 0.3 – 30 l/min	USF 0.2 – 40 l/min	FD-H 0.2 – 40 l/min	On TCU *5	Tool/ Machine	TCU *6	Stand-alone RT200 *7
															Flow rate (l/m)	Delta-T (°C)	Ball valve *3	Hand valve *4												
multiFlow modular																														
Automatic *2		•		•	•				•	•		• 1*	• 1*	• 1*	•	•						•	•				•	•	•	
Manual		•		•	•				•	•		• 1*	• 1*	• 1*			•	•				•	•				•	•	•	
Automatic *2		•		•	•					•		• 1*	• 1*		•	•						•	•				•	•	•	
Manual		•		•	•					•		• 1*	• 1*				•	•				•	•				•	•	•	
multiFlow universal																														
Automatic		•		•	•				•	•		•			•	•								•			•	•	•	
multiFlow XL																														
Automatic		•				•					•				•	•								•			•	•	•	
multiFlow compact																														
Automatic *2		•			•				•						•	•						•				•	•	•	•	
Automatic *2		•			•				•	•					•	•					•	•				•	•	•	•	
Manual		•			•				•	•							•				•	•				•	•	•	•	
Manual		•	•			•			•	•							•									•	•	•	•	
Manual		•					•		•								•		•							•	•	•	•	
Manual			•				•		•								•			•						•	•	•	•	

Notes*

- *1 Combination of multiple distributors in 4-fold and 8-fold size
- *2 Temperature control unit (TCU) with option «MF output ratio» and «separate system and cooling water» required
- *3 Ball valve only for open or closed position
- *4 Hand valve with adjustable flow rate
- *5 Direct assembly on the TCU possible
- *6 multiFlow multiple distributor is controlled by TCU
- *7 multiFlow multiple distributor is controlled by a separate RT200 controller (stand-alone, without REGLOPLAS TCU)

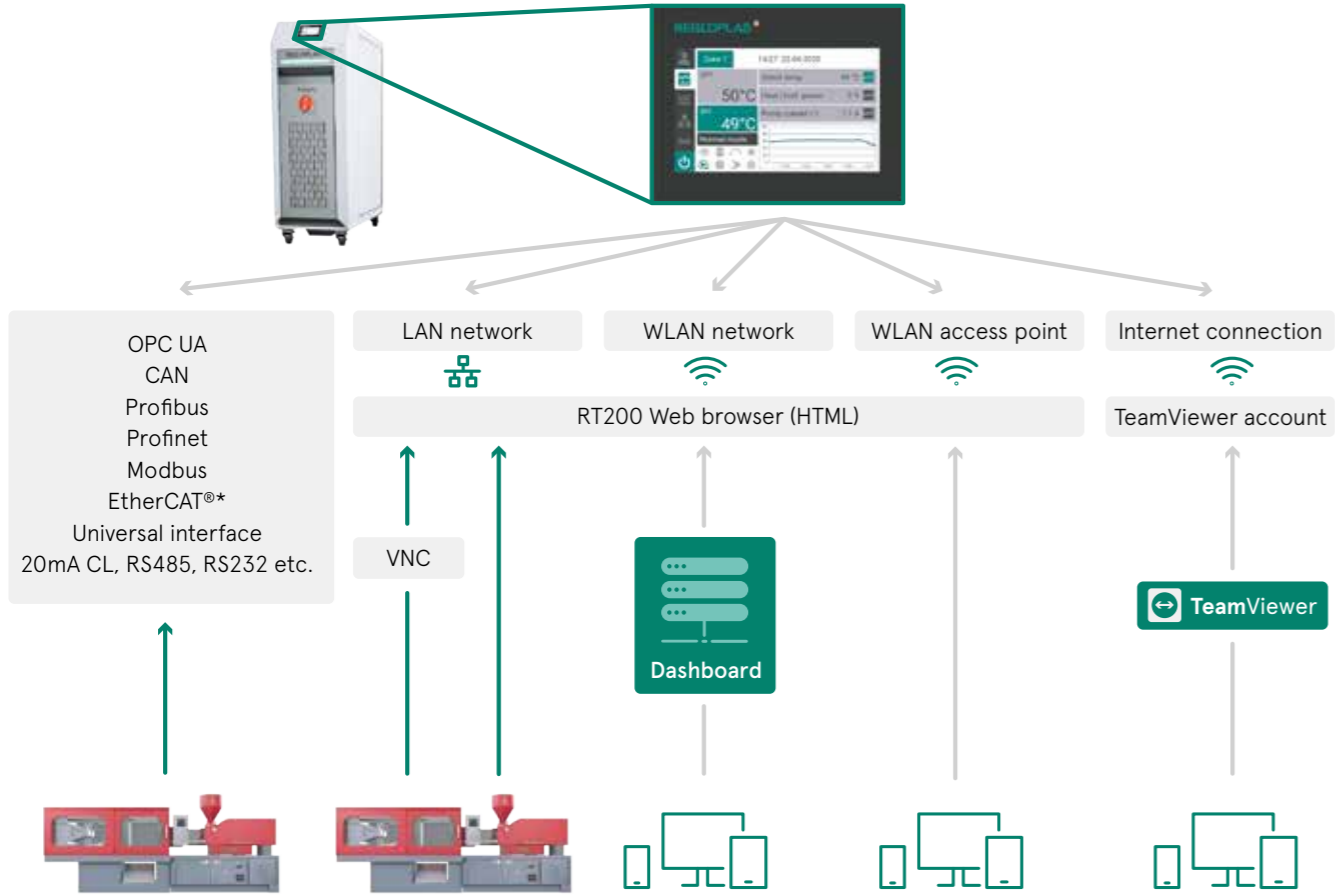
Accessories

- In the case of stand-alone, the RT200 controller plus accessories must be ordered
- Hose material, T-pieces and other accessories must be ordered separately

Temperature control systems

Machines & periphery data hub

- Central data logging of all relevant process parameters
- Visualization and data logging of TCUs and distributors via browser
- Integration of devices via LAN or WLAN
- Customizable dashboards with data and graphical displays
- Simple user administration



Innovative temperature control management for over 60 years.

*EtherCat® is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany

