



green  
GLUING

## ALPHA

The high-performance melter all-rounder

Reliable | compact | safe

# ALPHA – THE HIGH-PERFORMANCE ALL-ROUNDER



Smart Terminal: operating and status information always available at a glance

Automatic filling (optional) for operator safety and process reliability

Melting capacity of up to 12.5 kg/h in the smallest of spaces



Wi-Fi access point for operation via mobile devices

## RELIABLE

### Good price/performance ratio

- > 99% system availability
- High melting capacity in relation to tank size
- Robust components, solid and simple device design

## COMPACT

### Space-saving installation

- Compact device size
- 45-degree FlexPort connection area facilitates the connection of heated hoses

## SAFE

### Proven work safety

- CoolTouch insulation on the FlexPort
- Touch protection around tank opening
- Optional automatic filling system
- Remote operation: Installation in safety area

Large tank opening facilitates clean filling



CoolTouch insulation protects the operating personnel



System integration via fieldbus protocols or open interfaces



FlexPort connection area for space-saving heated hose connection

## SUSTAINABLE

### Economical use of resources

- High energy efficiency reduces operating costs (46% energy savings compared to Concept melter)
- Backward compatibility with heated hoses and application heads up to year of manufacture 2000

## SMART

### Easy operation and integration

- Smart Terminal: convenient setting of basic functions
- Simple operation and diagnostics via the melter's own wireless access point or Ethernet
- Robatech Control System for easy system integration, control and monitoring of adhesive application
- Intelligent level sensor for filling level display on the Smart Terminal and for run empty protection
- Individually expandable range of functions according to needs and budget

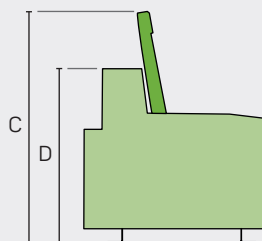
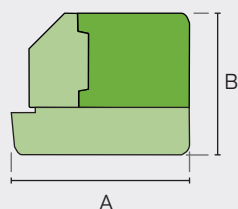
## TECHNICAL DATA

	Alpha S	Alpha S Pro	Alpha M Pro
Tank size	4.1 l	4.1 l	6.8 l
Melting capacity <sup>1)</sup>	8 kg/h	8 kg/h	12.5 kg/h
Adhesive type	Granulate / blocks, thermoplastic adhesives (EVA, PO, cool melts, APAO, PSA)		
Operating temperature	20 to 200°C / 68 to 392°F		
Heating time (160°C) <sup>1)</sup>	30 minutes		
Adhesive viscosity	400 to 20,000 mPas		
Heated hose connections	1 to 3	1 to 6	1 to 6
Filling	Manually or automatically (RobaFeed)		
Piston pump	KPA 12		
Supply voltage (EU)	230 V, 1 LNPE (Alpha S), 230 to 400 V, 3 LNPE (S, S Pro, M Pro)		
Supply voltage (US, JP)	200 to 240 V, 1 LNPE (Alpha S), 200 to 240 V, 3 LNPE (S, S Pro, M Pro)		
Electrical output	7.5 kW	on request <sup>3)</sup>	on request <sup>3)</sup>
Compressed air supply	5 to 6 bar, unooled and cleaned, according to ISO 8573-1 class 4		
Electronics	RCS – Robatech Control System		
Operation	Smart Terminal, wireless access point, external touch display		
Integrated pattern control	AS 10	AS 10/ AS 40	AS 10/ AS 40
Weight <sup>2)</sup>	26 kg	30 kg	34 kg
Safety standard	CE, MET (applied for)		

1) Depends on tank volume, adhesive, viscosity and temperature at 230 V AC

2) Depends on melter variant

3) Depends on system configuration



Dimensions (mm)	A	B	C	D
Alpha S	446	355	577	434
Alpha S Pro	515	425	577	434
Alpha M Pro	515	515	577	434