

Full assortment  
but still focus



### Hot melt systems



### Guns



### Hoses



### Modules



### Nozzles



### Cold glue equipment



### Adhesive



**Compatible**

*Freedom to choose!*

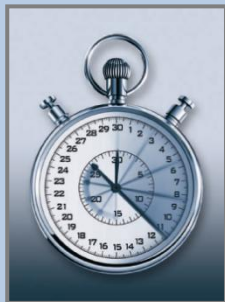
# Lim-Tech ApS

**Compatible**

*Freedom to choose!*

Our goal is to offer all of our equipment products, so they are compatible with leading OEM suppliers, we don't create a monopoly, we give our customers the freedom to choose:

- **Best price**
- **Storage in Vejle**, access to products fast when it is needed.
- **Fast response**, also out of normal office times.
- **Quality**, good compatible products.
- **Service**, it is our philosophy that the customers production is the highest priority, we can also be called out for service, outside normal business hours.



**Time saved in case of problems and accidents.**

Store and workshop in **Vejle** – and we don't just stock the most used adhesives, spare- and consumables – we also have **new application systems and newly renovated systems for loan** in the event of sudden acute situations.

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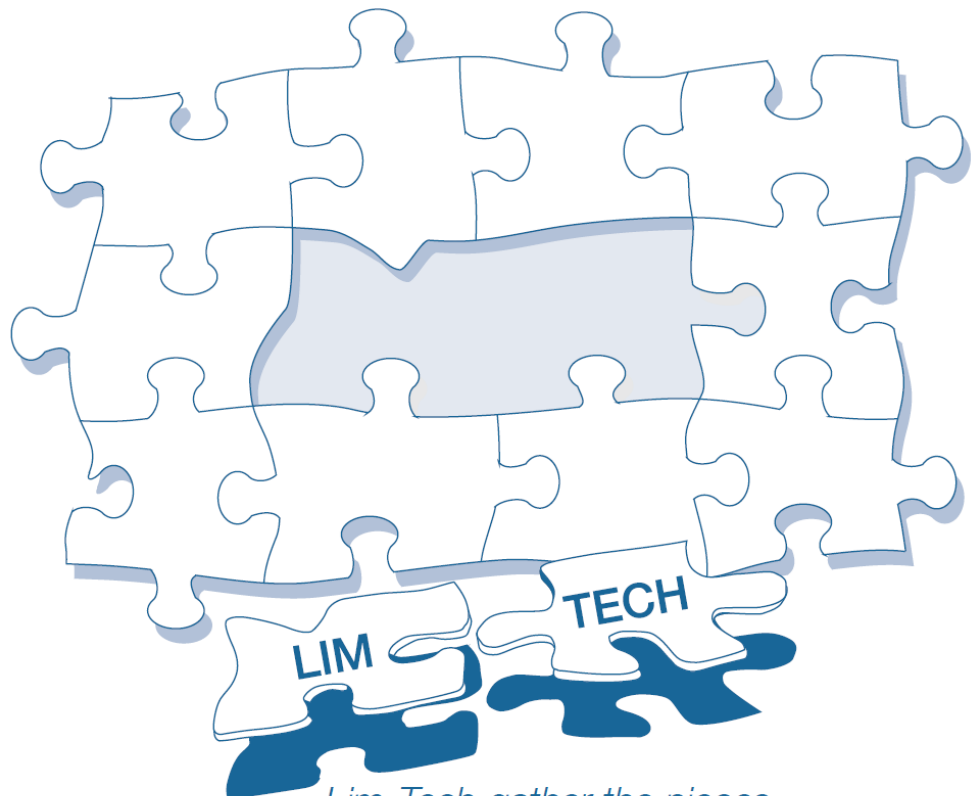
## Company description

Since 1990 we have worked as a competent partner, when it's about safe application and durable bonds in the modern industry, and our market oriented close cooperation with our customers has secured a constant evolution in our product areas.

Our equipment for application include compatible application units as well as spare parts for present glue application systems in both cold glue and hot melt, this means that we don't just work with new installations, but also provides service and delivers spare parts to the most common glue application systems on the market.

We have a comprehensive selection of specialized glue types, which meet the demand for versatility in modern industry, good and clean machine capabilities with the optimal cost efficiency.

**"Freedom  
to choose"**



*...Lim-Tech gather the pieces*

# Hot melt systems Product overview

**C Series 4, 8, 16, 30 and 50 L**

**Assured top performance**

**Compatible**

*Freedom to choose!*

The C Series offers the highest technical level, a simple and complete control, in a design which makes maintenance and service simple.

## C hot melt system Series:

- Maintains productivity
- Adjusted markets standard
- User friendly application

**Compatible**



Up to six compatible channels for hose-gun connection



Filter with pressure discharger



Optional RS485 connection with modbus protocol

## Technical Characteristics

Unit characteristica	C series unit				
System	C4	C8	C16	C30	C50
Tank capacity	4 L	8 L	16 L	30 L	50 L
Melt capacity (kg/h)	4,2	7,9	13,5	22,8	37,8
Pump compression rate	1:13	1:13	1:14	1:14	1:14
Max pump speed (kg/h)	35	35	100	100	100
Working temperature	30 – 240°C.				
Voltage	220 I+T, 220III+T, 380III+N+T				
Max viscosity	50.000 cps				
Working pressure	0,2 til 6 bar				
Electrical consumption	1800 W	2800 W	4800 W	5800 W	7200 W

Max channel power	2 exits	4 exits	6 exits	
			1,2,3 exits	4,5,6 exits
Hose and gun total	3500 W	3500 W	4400 W	4400 W
Per exit (hose and gun)	2200 W	2200 W	2200 W	
Per channel (hose or gun)	1600 W	1600 W	1600 W	



# Hot melt systems Product overview

## Evolution C (EC) Series 4, 8 and 14 L

### Take control

**Compatible**

*Freedom to choose!*

The technology in the Evolution C Series is the newest innovation within hot melt systems. Its design is a culmination of functions, specifically made to meet the needs that hot melt users worldwide has requested solutions for.

A new user friendly control panel ensure fast and easy configuration of the wanted parameters. The EC Series offer the optimal reliability and total control over how the system operates.

### EC hot melt system Series:

- Simplicity, performance, endurance
- Control panel with LCD screen for easy programming and application.
- Standardized measurements allow universal installation.

**Compatible**



7 day / 3 shift programmable clock. Reduce setup and work change times.



NEW lid feature for easy access to electronic components.

## Technical Specifications

Characteristics	EC Series Units			
	EC4	EC8		EC14
System	EC4	EC8		EC14
Tank capacity	4 L	8 L		14 L
Melt capacity (kg./h)	4,2	7,9		13,5
Pump compression rate	1:14	1:14	1:13	1:13
Max pump speed (kg./h)	35	35	100	100
Working temperature	30 – 240°C.			
Voltage	220 I+T, 220III+T, 380III+N+T			
Max viscosity	50.000 cps			
Working pressure	0,5 til 6 bar			
Electrical consumption (W)	1800	2800		4000





# Hot melt systems Product overview

*Compatible*

*Freedom to choose!*



More than you expect

*Compatible*



**M Series – gear pump system  
15, 30, 65, 120 & 170 L**

**A new step in control technology**



**VDRUM and VPAIL  
Drum Melters 20 & 200 L.  
Reliability in your process**

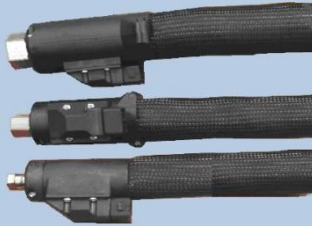
*Compatible*



# Hot melt hoses

**Compatible**

*Freedom to choose!*



Varying lengths and diameters  
- Ø8, Ø13, Ø16 and Ø20mm.  
- Lengths up to 26 m.



Waterproof option with special fittings and rubber cover, for humid environments.



Compatible electric plugs with standard sensor.



HP hoses to high effect use and improved mechanical resistance.



## Product overview

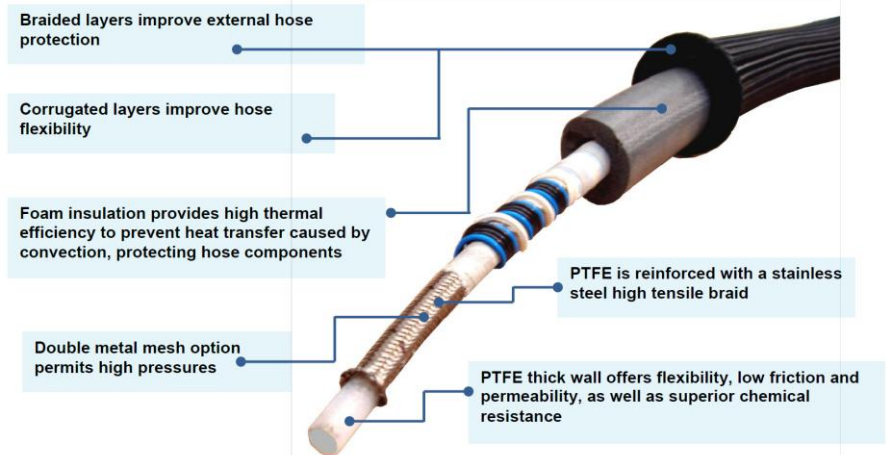
In different lengths and diameters

Stability as a norm

Because of their advanced design, large number of different inner diameters, and varying lengths, combined with compatibility with the existing manufacturers of glue application systems our hot melt hoses are the ideal solution for transport of hot melt.

### Hot melt hoses:

- Homogeneity
- Flexibility
- Compatibility



### Technical Characteristics

Characteristics	Hot Melt Hoses			
Maximum Working Temperature:	200°C.			
Internal Diameter (mm):	Ø8	Ø13	Ø16	Ø20
Maximum Working Pressure (bar):	100	100	100	80
Power Consumption (W/m):	150 W/m	180 W/m	195 W/m	215 W/m
RTD	PT-100 / NI-120			
Minimum Curvature Radius (180°):	160 mm			
Voltage:	200-240 VAC			

# Hot melt guns

**Compatible**

*Freedom to choose!*



**MS LP Series**



**MK Mini module Series**



**Spray nozzels**

## Product overview MS Series (AOSC)

**Our MS Series is:**

- Compatible with standard hoses and systems.
- Up to 2.400 cycles a minute.
- 1 module and multiple module guns.
- Easy mounting and change of components.
- Reliable design.



**Compatible**

## ME Series (AOAC)

**Our ME Series is:**

- Compatible with standard hoses and systems.
- Up to 2.400 cycles a minute.
- 1 module and multiple module guns.
- Easy mounting and change of components.
- Clean cut of the hot melt at the nozzle.



**Compatible**

## MZ Spray gun Series

**Our MZ spray gun Series is:**

- Offering the latest technology and advanced design for hot melt spray application.
- Versatile gun design assures fast and easy adjustment to the machine structure and client need.
- Reliable design.
- Can be used with our BAT modules.



**Compatible**



**BAT 25 M**



**BAT 25 L**



**Swirl spray MZ**



# Hot melt modules

## Product overview

### Modules for hot melt guns

### Commitment to control

**Compatible**

*Freedom to choose!*

Our hot melt modules are designed and manufactured for industrial use where precise and controlled placement of hot melt glue on a material is required.

#### Lim-Tech module give:

- Consistent application.
- Compatibility with standard equipment.
- Clean cut-off at the nozzle.
- Widest assortment on the market.

**Compatible**



BAT 25 S



BAT 25 L



BAT 25 E



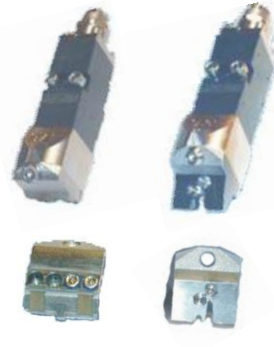
BAT 25 M

#### Special spray modules:

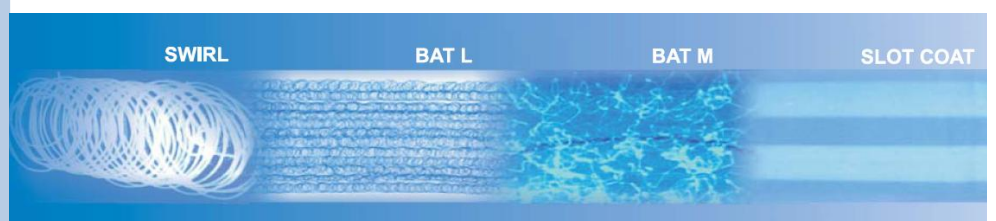
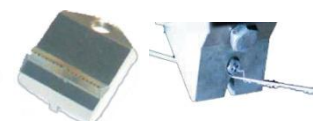
BAT 22



BAT 25



One module, more  
Nozzle plates.





# Hot melt nozzles

*Compatible*

*Freedom to choose!*



Straight nozzles for point or line application.



Straight nozzles 1-hole, 2-, 3- and 4-holes.



Angle nozzles 1-, 2- and 3-holes.



H2O nozzles 1-, 2- and 3-holes, angle nozzle



Screw-in nozzles



Spray nozzles

## Product overview

**One-hole, multiple holes, straight, angle, spray**

**Optimal tolerance control**

Our hot melt nozzles provide excellent pattern control, homogeneous and accurate placement to achieve optimized product quality.

**Lim-Tech hot melt nozzles offer:**

- Superior quality
- Homogeneous and accurate pattern
- Fast mounting

*Compatible*



Lim-Tech hot melt nozzles are 100% compatible with the markets standard, and can be found in a large number of hole diameters and angles.

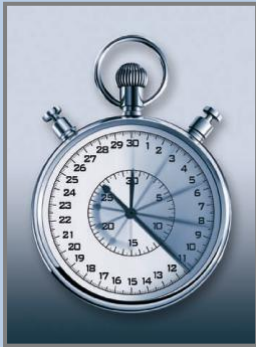
# Accessories

**Compatible**

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# Product overview

## Spare- and maintenance parts

When stoppage of production is an expense you can't afford

Since December 1993 we have delivered cost effective products for hot melt equipment, our hoses, nozzles and various other parts fit application systems from among other Acumeter, Airprint, Caltrans, Conrad, Graco, ITW/LTI Dynatec, Meler, Meltex, Melton, Mercer, Moen, **Nordson®**, Pyles, Robatech, Sierra, Slautterback, Spraymation, Valco and Walcom.

**Compatible**

### Our products include among other things:

- Accessories.
- Pumps.
- Control cards.
- Tank filter for standard compatible systems as well as for special systems.
- Fittings for guns, hoses and hot melt systems.
- In-line filter for guns / hoses.
- O-rings, screws, nozzle cleaner needles, cleaning fluids and other accessories.
- Holders and mountings accessories for guns.
- Air fittings and air tubes.
- Mac magnet valves.
- Service.



Mac 3/2



MAC 3/2 High flow



Mac 4/2



Mac 5/2 High flow



Mac 5/2 Mini



# Cold glue equipment

## Product overview

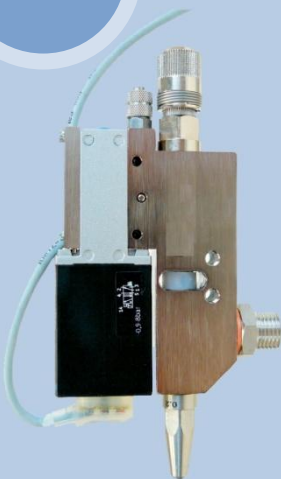
### Transport and application of fluids

### Security for top performance

**Compatible**

*Freedom to choose!*

**New**



#### AMMKD-500 LV/KV

Super electro pneumatic valve for very fast *intermitted* tasks.

It manage very short cycle times and a high viscosity tolerance.

Up to **200 signal cycles per second**.

#### Our products include:

##### Glue supply units

- Membrane pumps.
- Piston pumps.
- Pressure tanks
- Controllers.
- Glue distributors, hoses and accessories.



#### Cold glue guns for line, point and spray application

##### • Electric guns

Electromagnetic glue guns are designed to apply glue at high speed. For point-, line- or spray application.

These guns are versatile and can be used with many different glue types or other fluids, with low/medium viscosity. The main advantage with this type guns is, that they can work with a very fast open- and close frequency, which makes precise contact free point- and line application possible.



##### • Electro pneumatic guns

Compact electro pneumatic glue gun with long nozzle, micro adjustments which gives fine control over the amount of glue, double effect (opens and closes with air pressure), with fit on magnet valve. Well suited for contact and noncontact glue application. For point-, line- or spray application.

This coldglue valve can also be delivered for use with solvents or acetate solutions if needed.





# Adhesives

**Compatible**

*Freedom to choose!*



Hotmelt



Dispersion adhesives



## Product overview

### Hot melt, dispersion adhesives and special glue

### Quality is guaranteed success

We have a comprehensive selection of specialized glue types, which meet the demand for versatility in modern industry, good and clean machine properties with the optimal cost efficiency.



#### Packageclosing and cardboard-rising

- ✓ Box closing.
- ✓ Cardboard- and tray erection.
- ✓ Bag forming / filling / closing.
- ✓ Box forming / filling / closing.
- ✓ Palletizing glues.



#### Labelling

- ✓ Can labelling.
- ✓ Labelling of glass containers.
- ✓ Bottle labelling, glass and synthetic.



#### (Corrugated) cardboard packaging

- ✓ Side tank gluing.
- ✓ Overlaying glue vessel - for 4- and 6- point gluing.
- ✓ Window put in.



#### Envelopes, forms and direct mails

- ✓ Side glues.
- ✓ Window glues.
- ✓ PVAc/dextrin for glue flap.
- ✓ Latex for self-adhesive prod.
- ✓ PS-glue types for glue flap with silicone paper.



#### Industrial and manual book production

- ✓ For production of book covers.
- ✓ Dispersion- and hot melt back glue.
- ✓ Animal glue for back lining.
- ✓ Casing in adhesives.
- ✓ Side glue.



#### Bag- and sack production

- ✓ Paste glue for bag production.
- ✓ Starch glue for sack production.
- ✓ Glue types for side- and bottom gluing.
- ✓ Glue types for reactivating / heat sealing.



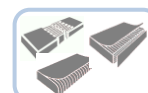
#### For the graphic industry

- ✓ Glue for lamination.
- ✓ Paper/cardboard lamination.
- ✓ Gloss foil lamination.
- ✓ Aluminium foil lamination.
- ✓ Special film for paper and cardboard.
- ✓ Flexible packaging.
- ✓ Wallpaper lamination.
- ✓ Lacquer and functional coatings.



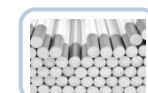
#### Tube winding

- ✓ Labelling.
- ✓ Spiral winding.
- ✓ Envelope winding.
- ✓ Anaconda sealing.



#### Products for the woodindustry

- ✓ General assembling.
- ✓ Lamination.
- ✓ Panel production.
- ✓ Edge gluing.
- ✓ Wood finish.
- ✓ Posts forming.
- ✓ Membrane pressing.
- ✓ Contact glue and special glues.



#### The tobaccoindustry

- ✓ Cigarette production.
- ✓ Packaging closing.