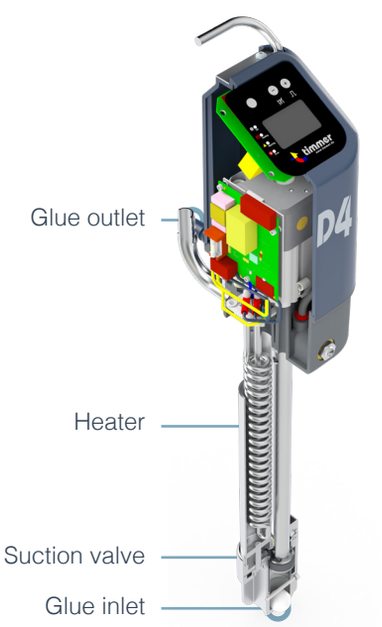
Pneumatic glue pump with heating

IP66

NFC





www.timmer.de/en/pumps/Glue-pumps/

Technical and visual modifications are reserved.

Pneumatic glue pump with heating

tim® GLUE

The Timmer glue pump is a pneumatically driven piston pump with integrated heating and electronic control, which delivers glue in both stroke movements.
The stroke frequency (max. 3 Hz) can be shown on the display.

As soon as the pump is started pneumatically, the glue conveying starts via suction and pressure valves. The delivery rate of the medium is adjusted with a valve in the exhaust air.

Advantages of the Glue Pump Series D4

- Easy setting of the glue temperature via display
- Reproducible setting of the delivery rate, due to newly designed exhaust air throttle
- Integrated maintenance indicator
- Excellent cleaning and flushing behavior (reduction of dead spaces)
- Waterproof according to IP66
- Flushing operation possible without electrical power supply
- Reduced sound emission (- 15 dB(A) compared to D3)
- Material-friendly heating behavior
- Integrated electronic control
- Low compressed air consumption and reduced power consumption
- Suitable for conveying very small quantities
- Optimised suction behaviour

Programming Options

- Temperature display C°/ F
- Preselection media temperature
- Stroke counting display
- Stroke frequency
- NFC: data readout via android smartphone or tablet
- Display of maintenance intervals



NFC



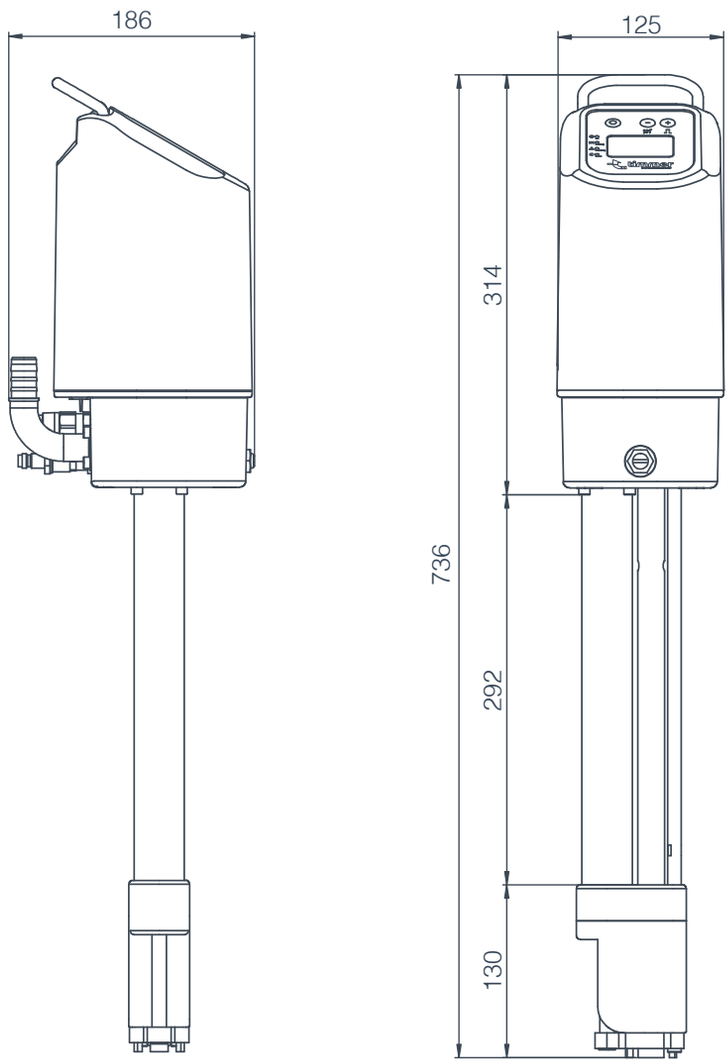
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PREMIUM-Pneumatische Leimpumpe mit Heizung PTI-D4-H-400

Order no.	Type	Version	Power Supply	Housing
54005600	PTI-D4-H-400	With integrated heating	Shock-proof plug	IP66
54005610	PTI-D4-H-400-CEE	With integrated heating	CEE Euro plug	IP66
54005611	PTI-D4-H-400-PROCON	With integrated heating	Procon plug	IP66

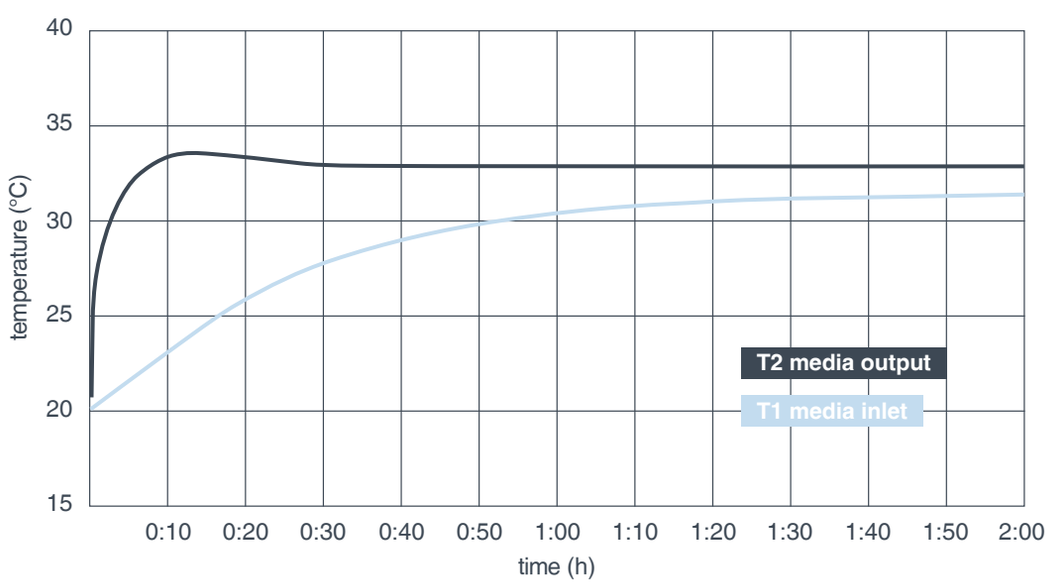
Technical and visual modifications are reserved.

Pneumatic glue pump with heating



Technical drawing:
All dimensions in mm

Control Performance Timmer D4, water, 0.5 Hz



Technical and visual modifications are reserved.

Pneumatic glue pump with heating

Technical data

Drive	:	pneumatic
Suction height	:	self-priming 3 m of water column (20 °C)
Transmission	:	3.8 to 1
Output (with water)	:	max. 33 cm³ per double stroke (0.1 - 5 l/min / 6 - 300 l/h)
Temperature of medium	:	max. 50 °C – electronically adjustable
Viscosity of pumped medium	:	max. 150.000 mPas
Low pulsation	:	medium conveying both during suction and pressure movement
Connection - Suction side	:	suction pipe (standard length 420 mm)
Connection - Pressure side	:	hose nozzle, 19 mm
Weight	:	6.9 kg
Stroke speed	:	max. 3 Hz

Material

Housing cover	:	ABS
Housing base	:	POM
Housing of suction base	:	Stainless steel
Valve balls, fluid	:	Stainless steel
Riser pipe	:	Stainless steel
Piston rod	:	Stainless steel
Heating	:	Stainless steel
Tie rods (2 pieces)	:	Stainless steel
Nozzle (19 mm)	:	Stainless steel
Handle	:	Stainless steel
O-rings of suction- and pressure valves	:	FKM

Electrical Data - Glue Pump with Heating

Electrical connection	:	200 - 240 V, 50/60 Hz
Power consumption	:	approx. 950 W at max. heating output
Power supply lead (shock-proof plug) - others on request	:	2 m rubber-insulated cable
Temperature control unit	:	electronic
Temperature range	:	adjustable up to +50 °C
Temperature setting	:	via display & keypad/Timmer App
Housing	:	IP66 (against dust and water jets)

Pneumatic data

Compressed air connection	:	plug-in nipple 7.2 NW
Operating pressure	:	3 - 6 bar filtered compressed air
Compressed air consumption	:	205 l/min at 3 Hz / 170 l/min at 2 Hz
Drive principle	:	pneumatic, oscillating control

Fluids

The pump is suitable for conveying various fluids (media).
Material resistance has to be examined on a case-by-case basis.

We will be pleased to give you advice about the suitability in your specific application.

Technical and visual modifications are reserved.

Pneumatic glue pump without heating

IP66



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Glue-pumps/

Technical and visual modifications are reserved.

Pneumatic glue pump without heating

This version is used if an additional heating of the medium is not required.

The flow rate of the medium is adjusted with a valve in the exhaust air.

Advantages of the Glue Pump Series D4

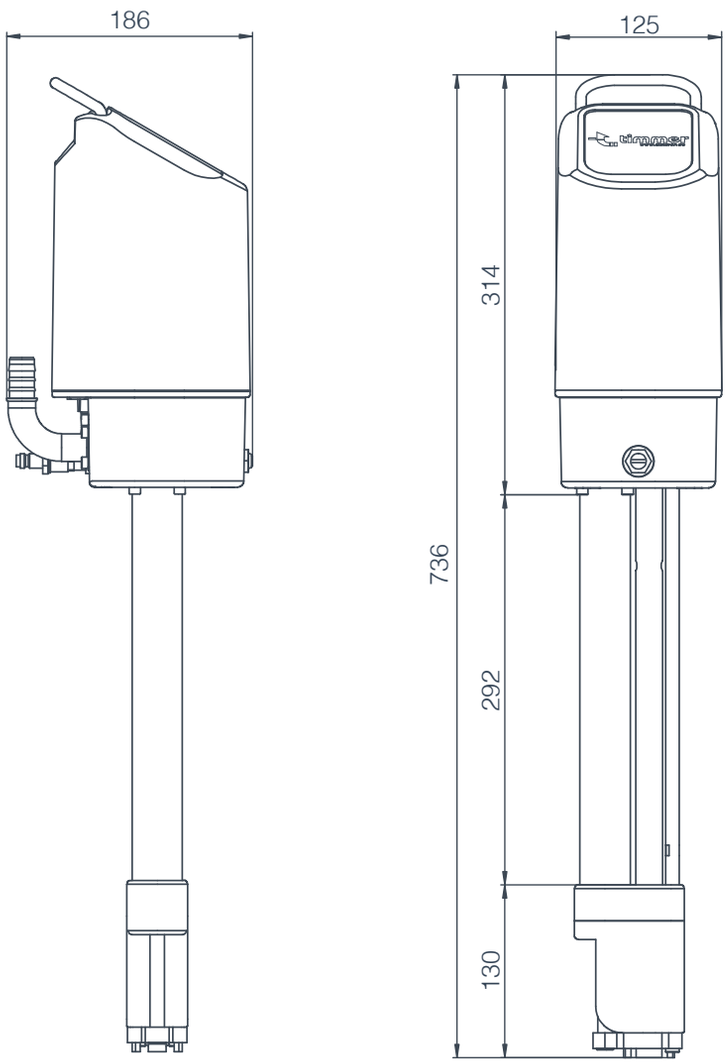
- Waterproof according to IP66
- Excellent cleaning and flushing behavior (reduction of dead spaces)
- Low compressed air consumption
- Reduced sound emission (- 15 dB(A) compared to D3)
- Extension of the delivery range upwards and downwards
- Optimised suction behaviour
- Reproducible setting of the delivery rate, due to newly designed exhaust air throttle

PREMIUM-Pneumatic glue pump without heating PTI-D4-O-400

Order no.	Type	Version	Power Supply	Housing
54005700	PTI-D4-O-400	Without heating	Standard, pneumatic	IP66

Technical and visual modifications are reserved.

Pneumatic glue pump without heating



Technical drawing:
All dimensions in mm

Material

Housing cover	:	ABS
Housing base	:	POM
Housing of suction base	:	Stainless steel
Valve balls, fluid	:	Stainless steel
Riser pipe	:	Stainless steel
Piston rod	:	Stainless steel
Tie rods (2 pieces)	:	Stainless steel
Nozzle (19 mm)	:	Stainless steel
Handle	:	Stainless steel
O-rings of suction- and pressure valves	:	FKM

Technical and visual modifications are reserved.

Pneumatic glue pump without heating

Technical Data

Drive	:	pneumatic
Suction height	:	self-priming approx. 3 m of water column (20 °C)
Transmission	:	3.8 to 1
Output (with water)	:	max. 33 cm^3 per double stroke (0.1 - 5 l/min / 6 - 300 l/h)
Viscosity of pumped medium	:	max. 150.000 mPas
Low pulsation	:	medium conveying both during suction and pressure movement
Connection - Suction side	:	suction pipe (standard length 420 mm)
Connection - Pressure side	:	hose nozzle, 19 mm
Weight	:	6.2 kg
Stroke speed	:	max. 3 Hz

Pneumatic Data

Compressed air connection	:	plug-in nipple 7.2 NW
Operating pressure	:	3 - 6 bar filtered compressed air
Compressed air consumption	:	205 l/min at 3 Hz / 170 l/min at 2 Hz
Actuator	:	pneumatic / oscillating

Fluids

The pump is suitable for conveying various fluids (media).
Material resistance has to be examined on a case-by-case basis.

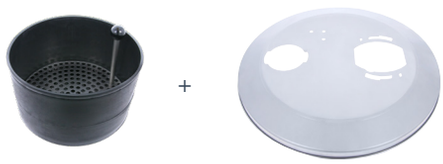
We will be pleased to give you advice about the suitability in your specific application.

Technical and visual modifications are reserved.

Accessories

Glue funnel and glue lid for the glue pump D3/D4 (kit)

Order no.	Type	Scope of supply
59010020	PTI-D3/D4-ZUB-Leimdeckel-Set	Glue funnel with bayonet fitting POM, double sieve and glue lid stianless steel



Glue lid for the glue pump D3/D4

Order no.	Type	Scope of supply
59010018	PTI-D3/D4-ZUB-Leimdeckel-VA	Glue lid stainless steel



Glue funnel with double sieve for the glue pump D3/D4

Order no.	Type	Scope of supply
59010019	PTI-D3/D4-Leimtrichter-Set	Glue funnel POM, double sieve stainless steel



Mounting clamp ring for height adjustment of the glue pump D3/D4

Order no.	Type	Scope of supply
55002010	PTI-D3/D4-ZUB-Montageklemmring	Clamp ring with bayonet fitting POM, screws stainless steel



Mounting clamp ring for height adjustment of the container glue pump D3/D4

Order no.	Type	Scope of supply
55002011	PTI-D3/D4-Cont.-ZUB-Montage-SET	Output hose 2m, adapter plate for fixing the clamping ring on an IBC-lid, clamping ring, outlet valve with holder



Technical and visual modifications are reserved.

Euro plug (CEE plug)

Order no.	Type	Scope of supply
52020071	PTI-D2/D3/D4-ZUB-CEE-Formstecker	CEE plug 3x16 A, 220 V with cable pre-assembled kink protection



Procon plug

Order no.	Type	Scope of supply
52020070	PTI-D2/D3/D4-ZUB-Proconstecker	Procon plug



Compressed air connection with hose

Order no.	Type	Hose length	Hose ø inside	Hose ø outside
54000305	PTI-D3/D4-ZUB-Druckluftanschluss-Kombi-2m	2 m	6 mm	12 mm
54000306	PTI-D3/D4-ZUB-Druckluftanschluss-Kombi-5m	5 m	6 mm	12 mm

Scope of supply: Nipple, Filter regulator ¼“, PVC hose 12/6, coupler, completely assembled



Conveying hose PVC

Order no.	Type	Hose length	Hose ø inside	Hose ø outside
52020073	PTI-D2/D3/D4-ZUB-Förderschlauch-2M	2 m	19 mm	27 mm
52020068	PTI-D2/D3/D4-ZUB-Förderschlauch-5M	5 m	19 mm	27 mm

Scope of supply: Conveying hose PVC, incl. hose clamp



Container glue pump with heating

IP66

NFC



www.timmer.de/en/pumps/Glue-pumps/

Technical and visual modifications are reserved.

Container glue pump with heating

tim® GLUE

The Timmer container glue pump corresponds to the glue pump with heating, but is equipped with an extra long suction pipe for conveying glue out of IBC containers.

The number of strokes to be set via the integrated stroke counter determines the quantity of glue to be conveyed. When the set number of strokes is reached, the pump switches to stop.

Programming Options

- Temperature display C°/ F
- Preselection media temperature
- Stroke counting display
- Stroke frequency
- NFC: data readout via android smartphone or tablet
- Display of maintenance intervals

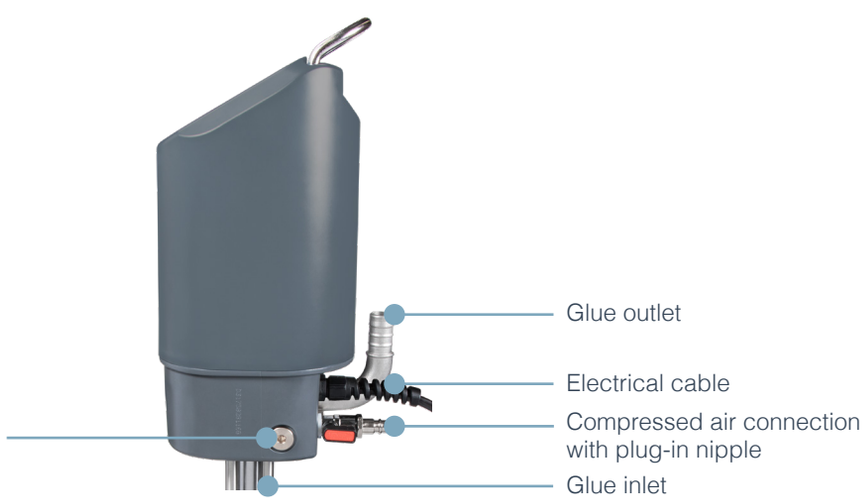




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Pump Connection

The connections refer to all pneumatic glue pumps with heating from Timmer.

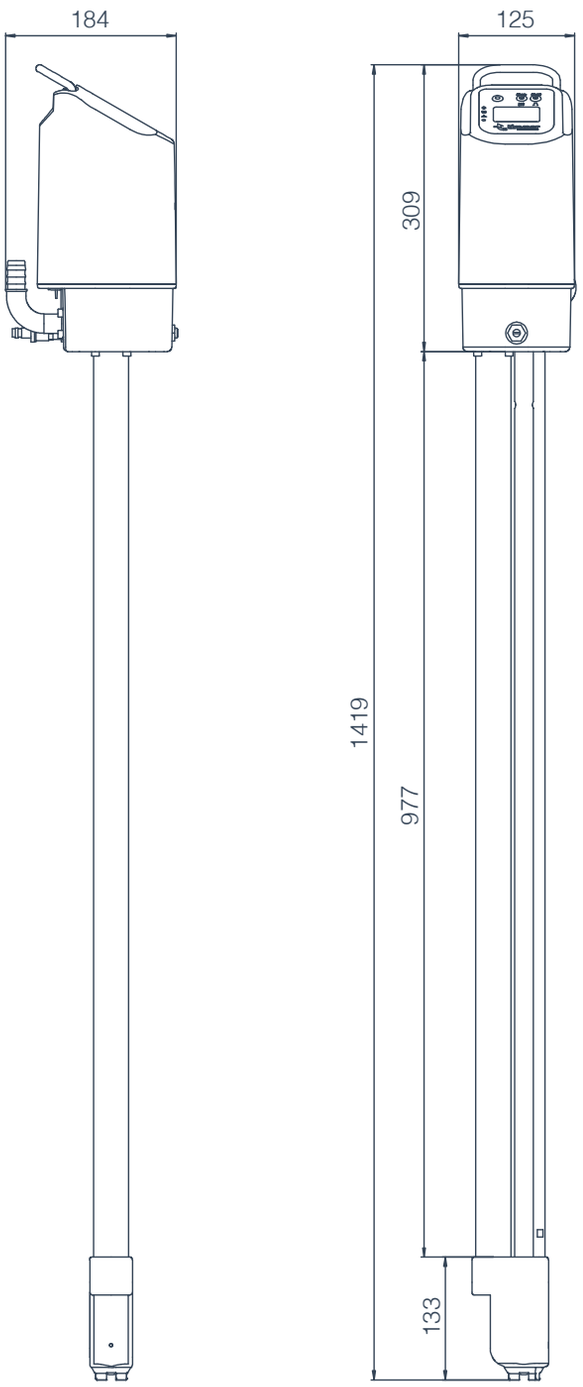


PREMIUM-Pneumatic container glue pump with heating PTI-D4-H-Cont-400

Order no.	Type	Version	Power Supply	Housing
54005800	PTI-D4-H-Hz-Cont-1100	With integrated heating	Shock-proof plug	IP66

Technical and visual modifications are reserved.

Container glue pump with heating



Technical drawing:
All dimensions in mm

Material

Housing cover	:	ABS
Housing base	:	POM
Housing of suction base	:	Stainless steel
Valve balls, fluid	:	Stainless steel
Riser pipe	:	Stainless steel
Piston rod	:	Stainless steel
Heating	:	Stainless steel
Tie rods (2 pieces)	:	Stainless steel
Nozzle (19 mm)	:	Stainless steel
Handle	:	Stainless steel
O-rings of suction- and pressure valves	:	FKM

Technical and visual modifications are reserved.

Container glue pump with heating

Technical Data

Drive	:	pneumatic
Drive principle	:	self-priming
Suction height	:	3 m of water column (20 °C)
Transmission	:	3.8 to 1
Output (with water)	:	max. 33 cm^3 per double stroke (0.1 - 5 l/min / 6 - 300 l/h)
Temperature of medium	:	max. 50 °C – electronically adjustable
Viscosity of pumped medium	:	max. 150.000 mPas
Low pulsation	:	medium conveying both during suction and pressure movement
Connection - Suction side	:	suction pipe, 1000mm
Connection - Pressure side	:	hose nozzle, 19 mm
Weight	:	11.5 kg
Stroke speed	:	max. 3 Hz

Electrical Data - Container Glue Pump with Heating

Electrical connection (110 V - version on request)	:	200 - 240 V, 50/60 Hz
Power consumption	:	approx. 950 W at max. heating output
Power supply lead (shock-proof plug) - others on request	:	2 m rubber-insulated cable
Temperature control unit	:	electronic
Temperature range	:	adjustable up to +50 °C
Temperature setting	:	via display & keypad/Timmer App
Housing	:	IP66

Pneumatic Data

Compressed air connection	:	plug-in nipple 7.2 NW
Operating pressure	:	3 - 6 bar filtered compressed air
Compressed air consumption	:	205 l/min at 3 Hz / 170 l/min at 2 Hz
Actuator	:	pneumatic, oscillating control

Fluids

The pump is suitable for conveying various fluids (media).
Material resistance has to be examined on a case-by-case basis.

We will be pleased to give you advice about the suitability in your specific application.

Technical and visual modifications are reserved.