

# PRODUCT OVERVIEW

## Automatic lubricators



**simalube**<sup>®</sup>  
smart lubrication

## simalube

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## simalube: continuous lubrication ensures low costs and high reliability

Millions of simalube lubricators are used worldwide in every industry. They are the best and most economical solution for the continuous supply of grease or oil for periods of up to one year.

**simalube – everywhere forces act, something spins or something moves.**



*Tom Maintain*

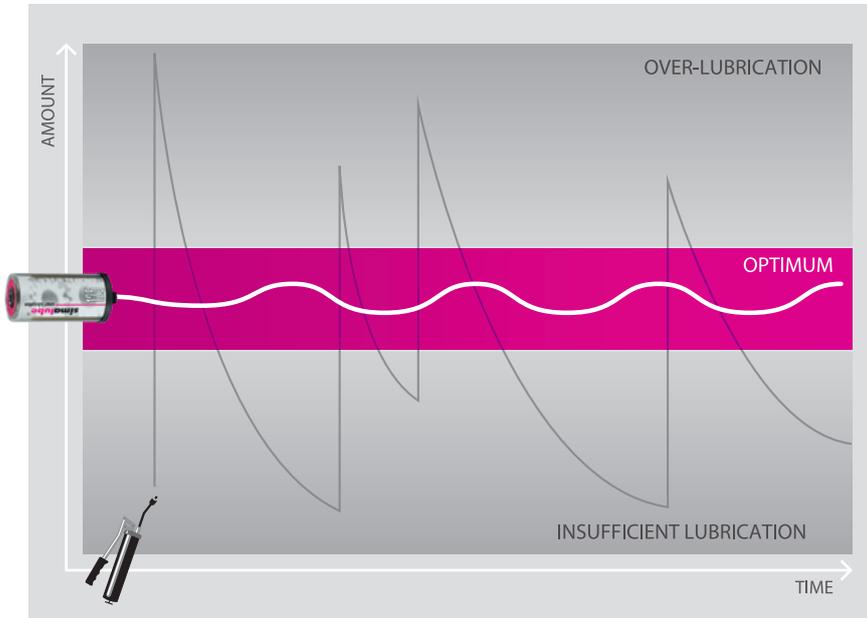
**Because my bearings are worth it!**

«Once installed, simalube lubricators lubricate evenly, accurately and reliably. This is not at all possible with manual lubrication.»

# Advantages of automatic lubrication with simalube

simalube lubricators replace costly manual lubrication. This not only saves time, but also prevents insufficient or over-lubrication. The costs can thus be reduced by up to 30 percent.

## Optimized lubricant delivery



Continuous lubricant delivery with simalube effectively prevents insufficient or over-lubrication that often occurs with manual lubrication.

## Lower costs thanks to simalube



### Up to 30 percent lower costs:

- Time-saving and greater safety at work thanks to fewer maintenance intervals
- Longer machine service life and less unplanned down-time

## Benefits of automatic lubrication with simalube



### No more manual lubrication

- Saves time
- Greater work safety
- Hard-to-reach lubrication points are permanently supplied
- Lower lubricant consumption



### No under- or over-lubrication of components

- Less wear
- Less machine downtime
- Increased machine performance



### Sealed, dustproof and waterproof system

- No more confusion of lubricants
- Reduced risk of contamination
- No contamination of lubrication points



### Compliance with international standards

- TÜV-tested and Ex certified in all zones
- Improved workplace safety
- No environmental impact thanks to recycling and disposal according to regulations

simalube –  
the lubrication expert



## simalube – the automatic single-point lubricator

Available in 5 sizes, simalube supplies various lubrication points with lubricant around the clock. Day in, day out – for up to one year.

### Take advantage of the simalube benefits

#### Reliability

- Lubrication points are continuously supplied with lubricant
- No lubrication point is missed
- Easy monitoring of the dispensing process thanks to the transparent housing

#### Environmental sustainability

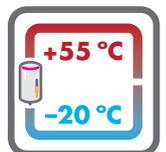
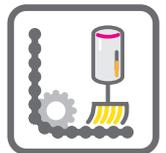
- simalube can be refilled up to 3 times
- Easy disposal at the end of the dispensing cycle
- simalube lubricators do not contain toxic substances

#### Flexibility

- simalube is available in 5 sizes: 15, 30, 60, 125 and 250 ml
- Freely selectable dispensing cycle of 1 to 12 months
- Dispensing cycle can be modified anytime
- simalube is available filled or empty for self-filling

#### Unlimited range of uses (see pages 10/11)

- In confined and hard-to-reach spaces
- In any location, even underwater
- At ambient temperatures of  $-20\text{ °C}$  to  $+55\text{ °C}$
- Numerous installation options thanks to a large range of accessories
- The standard lubricant range includes modern and proven high-performance lubricants for all applications (see pages 12/13)



**TOM's  
TIP**

More technical information and user manual can be downloaded  
at [www.simatec.com/en/simalube](http://www.simatec.com/en/simalube)



## Components



## Specifications

Product	Automatic long-term grease and oil lubricator			
Power generation	Hydrogen gas producing drycell			
Working pressure	Max. 5 bar			
Adjustment	Stepless 1–12 months (for standard conditions)			
Operating temperature	–20 °C to +55 °C ambient temperature (Grease consistency changes with temperature)			
Storage temperature	Recommended at 20 °C ±5 °C			
Lubricator volume	30 ml	60 ml	125 ml	250 ml
Weight full	~82 g	~115 g	~190 g	~335 g
Weight empty	~55 g	~60 g	~75 g	~111 g
Refill	The 15–250 ml simalubes are refillable.			



## Certifications



**simalube 250**



**simalube 125**



**simalube 60**



**simalube 30**



To determine the size and time setting, use our free «Calculation Pro» program at [www.simatec.com/en/calpro](http://www.simatec.com/en/calpro)



## simalube 15 ml



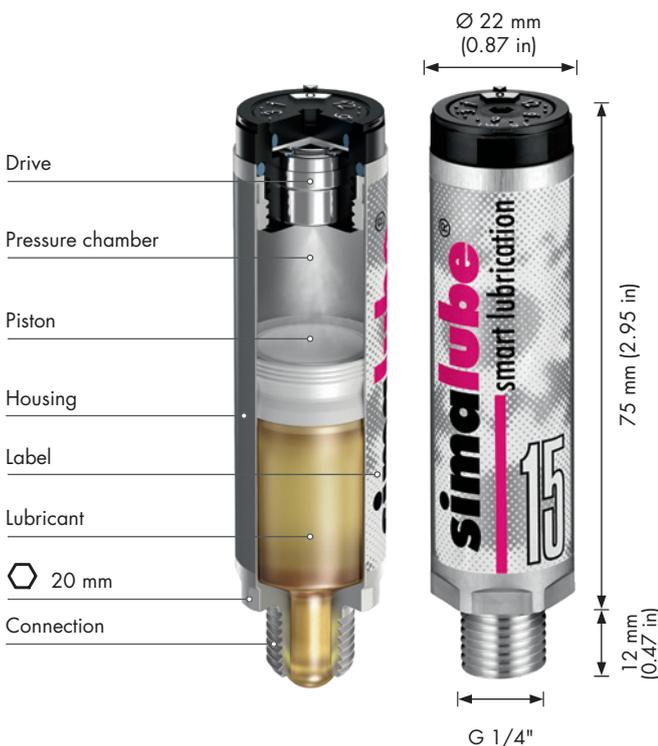
## The smallest automatic lubricator

In confined spaces, the 15 ml simalube offers the perfect solution. With its compact size, it is unique on the global market as the smallest automatic lubricator. It functions the same as the larger simalube lubricators and offers the same advantages.

### Small size delivers big performance

- Space-saving thanks to compact size
- Robust aluminium enclosure
- Same refill, installation and function as other simalube lubricators
- Alternative to the simalube multipoint when less than 5 lubrication points are needed (see page 7)

#### Dimensions



#### Specifications

Product	Automatic, long-term grease and oil lubricator
Power generation	Hydrogen gas producing drycell
Working pressure	Max. 5 bar
Adjustment	Stepless 1–12 months (for standard conditions)
Operating temperature	–20 °C to +55 °C ambient temperature (Grease consistency changes with temperature)
Storage temperature	Recommended at 20 °C ±5 °C
Lubricator volume	15 ml
Weight full/empty	~36 g / ~22.5 g
Certifications	   

## simalube multipoint



## Automatic multi-point lubricator

The simalube multipoint supplies 5 lubrication points simultaneously for up to one year in the same reliable way as the other proven simalube lubricators. Thanks to the snap-on connector, simalube multipoint can be replaced easily and quickly when empty.

### The versatile lubricator for linear guides

- 5x8 ml lubricant volume
- Allows very low lubricant delivery over a long period of time
- Snap-on connector for multipoint
- Quick couplings for connecting hoses
- Ideally suited for lubrication of linear guides

#### Dimensions



#### Specifications

Product	Automatic, multi-point, long-term lubricators for grease and oil
Power generation	Hydrogen gas producing drycell
Working pressure	Max. 5 bar
Adjustment	Stepless 1–12 months (for standard conditions)
Operating temperature	-20 °C to +55 °C ambient temperature (grease consistency changes with temperature)
Storage temperature	Recommended at 20 °C $\pm$ 5 °C
Lubricator volume	5x8 ml
Weight full/empty	~147 g / ~120 g
Certifications	  

## simalube IMPULSE connect



## Digital pressure booster up to 10 bar

The simalube IMPULSE connect is the latest generation of the pressure booster from the simalube family. The proven functions of the IMPULSE have been supplemented with the option of connecting the device to a smartphone via Bluetooth®. In connection with the newly developed «simatec world of maintenance» app, the devices can be easily configured and then monitored without having to be directly at the lubrication point. Information such as general status, fill level, lubricant, size, start and change date etc. is displayed to the user and easy to read in the app.



### Technical data

Product	Automatic pressure booster for the simalube lubricator
Drive system	Electromechanical
Power supply	Battery pack* 6V 2.3Ah (Alkaline)
Function display	LED status display – green/red/blue every 10 seconds. Monitoring of the operating status via the «simatec world of maintenance» app.
Connectivity**	IMPULSE connect supports Bluetooth® Low Energy 5.0 standard. The connection can reach up to 20m in an interference free open field environment.
Dispensing volume	Approx. 0.5 ml per stroke (Impulse)
Working pressure	Up to 10 bar
Operating temperature	-10°C to +55°C (14°F to 131°F)
Time setting	1 to 12 months – determined by the setting on the simalube «Automatic» mode or the «Time» mode preselected with the app.
Lubrication rate	Depends on the size and settings of the simalube: 0.17 to 8.3 ml/day
Lubricator volume	60 ml, 125 ml, 250 ml
Lubricant	Greases up to NLGI 2 or oils
Connection thread	G 1/4" (with integrated non-return valve)
Warranty & period of use	3 years from the production date or until 10 simalube lubricators (125 ml) have been emptied
Protection rating	<b>CE</b> <b>IP 68</b>

\* The battery pack must be replaced every time the lubricator is replaced.

\*\* The IMPULSE connect can be used without the app.



**TOM's  
TIP**

More technical information and a video for simalube IMPULSE connect can be found at [www.simatec.com/en/impulse](http://www.simatec.com/en/impulse)



# READY TO LIFT OFF TO THE WORLD OF MAINTENANCE



Explore the next level  
of automatic lubrication:  
simalube IMPULSE connect



## simatec app «simatec world of maintenance»

With the «simatec world of maintenance» app, simatec ag has created a platform for easier and more efficient management of lubrication work. The app offers the user the possibility to record lubrication points, to set the necessary parameters for the lubrication and to control or monitor all activities around the lubrication. The simalube IMPULSE connect, equipped with Bluetooth®, can be configured directly via the app. The current operating status can be viewed from a distance of up to 20m via the app. The «simatec world of maintenance» app can be downloaded from the Apple Store and the Google Play Store and installed on the smartphone.

### The digital and compact powerhouse

#### Functions

- Connection via Bluetooth®: reach up to 20 m
- Configuration and monitoring with the «simatec world of maintenance» app
- Pressure booster up to 10 bar, allows line lengths of up to 4 m
- Modular system, suitable for dispenser sizes 60, 125 and 250 ml
- Duration adjustable from 1 to 12 months
- Suitable for grease (up to NLGI class 2) and oil
- Gentle on the lubricants, these are fed to the IMPULSE by the simalube lubricator at low pressure
- Compact size, can be installed in any position

#### Your benefits

- Cost savings through faster, easier and safer inspection rounds
- Easier monitoring, clear and comprehensive display of the current operating status
- Management of lubrication points in Lubechart
- Digital support through the app: user guidance in the form of animated installation and operating instructions
- Less wear and tear on the components thanks to continuous lubrication; in time mode, temperature-independent
- No production interruptions for maintenance and monitoring purposes, this results in a higher availability of the production systems



Download  
app:





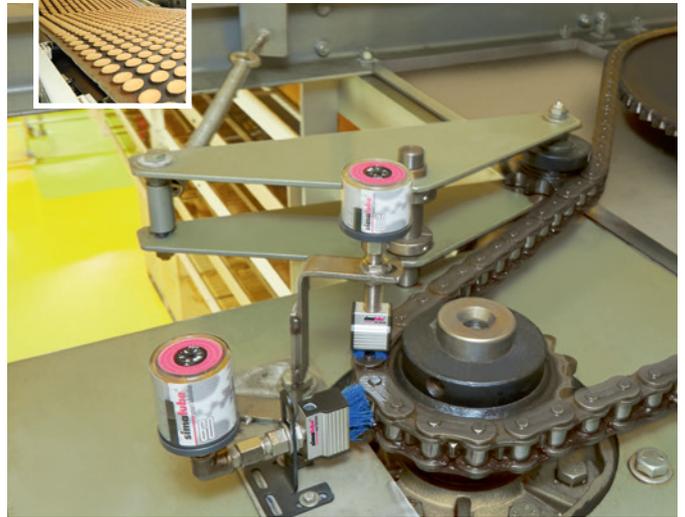
# simalube applications

LIFTING DEVICES



The spindles of a lifting station for railway wagons and locomotives are lubricated with 125 ml simalube over 12 months.

FOOD INDUSTRY



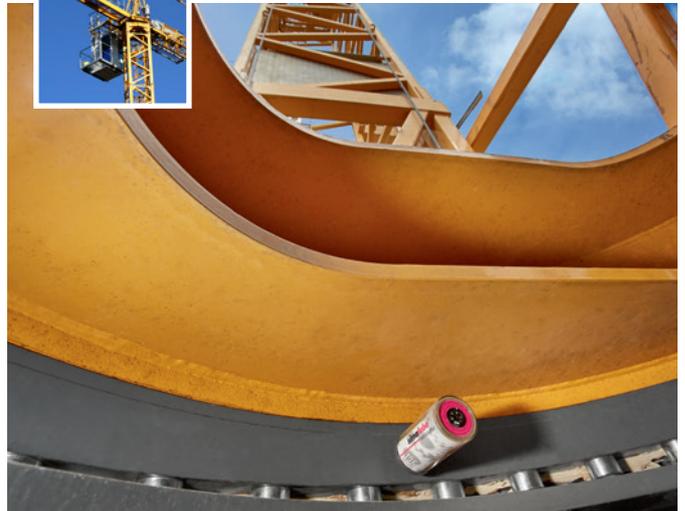
The drive chain of a transport belt, which allows rolls to cool, is cleaned with special blue brushes and lubricated with 2 simalube SL18 in 30 and 60 ml sizes.

GRAVEL AND CONCRETE PLANTS



Two 250 ml simalube lubricators with brushes lubricate and clean the chain drive of a drum washing machine.

CRANES



125 ml simalube lubricators lubricate the rotating assembly of a crane.

GRAVEL AND CONCRETE PLANTS



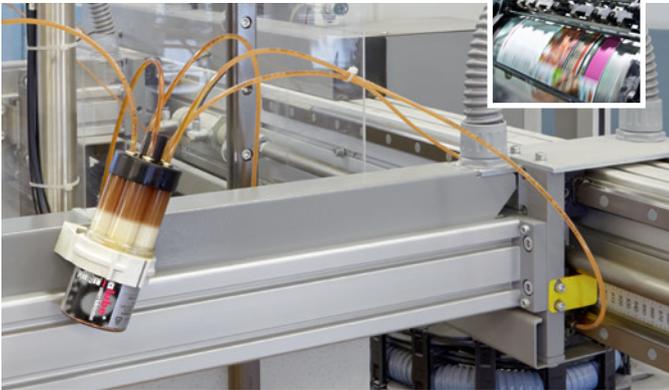
The simalube IMPULSE connect with a 125 ml lubricator is used in gravel plants. The devices are configured and monitored via the «simatec world of maintenance» app.

ELEVATORS AND ESCALATORS



The 125 ml simalube maintains the guide rails of elevators and prevents dry friction. The system is attached directly to the cabin roof.

PRINTING INDUSTRY



A simalube multipoint can lubricate 5 linear guides of a cutting and paper stacking machine in a printing house.

WATER TREATMENT/SEWAGE TREATMENT PLANTS



60 ml lubricators on the electric motor and the drive shaft ensure continuous lubrication of a centrifugal pump.

RECYCLING



A 125 ml simalube lubricates the pedestal bearing of a conveyor belt.

MACHINERY AND PLANT ENGINEERING



15 ml simalube lubricators with brushes constantly supply the rack of a loading machine with oil. Additional 15 ml simalube lubricators lubricate the flange bearings with grease.



**TOM'S TIP**

Many other applications can be found at [www.simatec.com/en/simalube-applications](http://www.simatec.com/en/simalube-applications)





# simalube standard lubricants and accessories

GREASE	NLGI	Thickener	Temperature range	Viscosity at 40 °C	Applications						
					Roller bearings	Plain bearings	Linear guides	Gears/Toothed racks	Spindles	Shaft seals	Chains
<b>SL01</b> Water-resistant, long-term grease	2	Lithium-calcium	-30 °C to 120 °C	100	+	+	•	•	+	+	-
<b>SL02</b> High-performance grease with MoS <sub>2</sub>	2	Lithium	-25 °C to 130 °C	370	•	+	-	+	-	-	-
<b>SL04</b> High-temperature grease for long-term lubrication (EP)	2	Inorganic thickener	-20 °C to 160 °C	540	+	•	-	•	•	-	-
<b>SL06</b> Water-resistant, fluid grease (EP)	0	Calcium-lithium	-30 °C to 100 °C	75	+	+	+	+	•	-	-
<b>SL09</b> Universal grease, readily biodegradable	2	Lithium-calcium	-20 °C to 100 °C	100	+	+	•	•	-	-	-
<b>SL10</b> Special grease for food, beverage and pharmaceutical industries	2	Aluminium complex	-40 °C to 130 °C	350	+	+	•	+	•	-	-
<b>SL12</b> Semi-fluid food industry grease	0	Aluminium complex	-40 °C to 130 °C	350	+	+	+	+	•	-	-
<b>SL24</b> Lubricating grease for a wide temperature range (EP)	2	Lithium complex	-30 °C to 140 °C	185	+	+	•	•	+	+	-
<b>SL25</b> High-temperature polyurea lubricating grease	2	Polyurea	-20 °C to 160 °C	110	+	•	-	•	•	-	-
<b>SL26</b> Calcium sulfonate complex grease (EP)	1.5	Calcium complex	-20 °C to 150 °C	460	+	+	-	•	•	-	-

+ recommended    • possible    - not recommended



**TOM's TIP**

Datasheets are available for all greases and oils at [www.simatec.com/en/lubricants](http://www.simatec.com/en/lubricants)

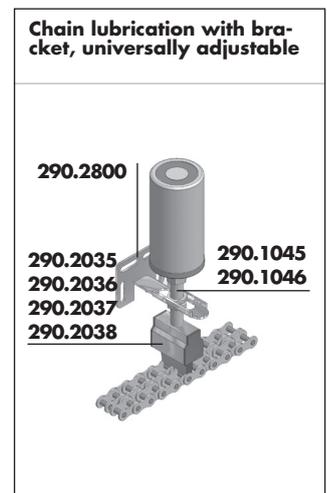
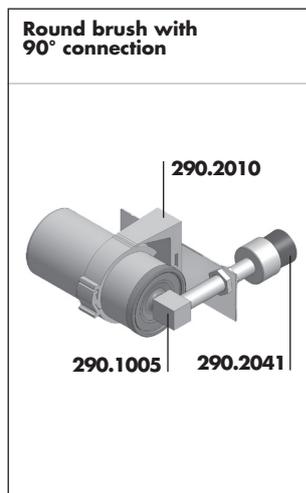
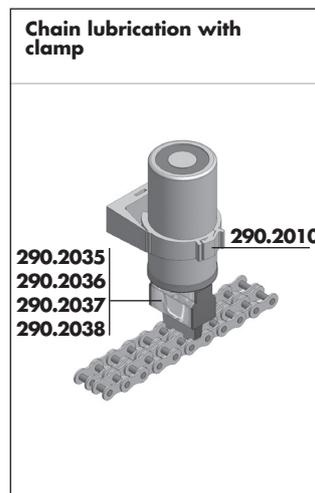
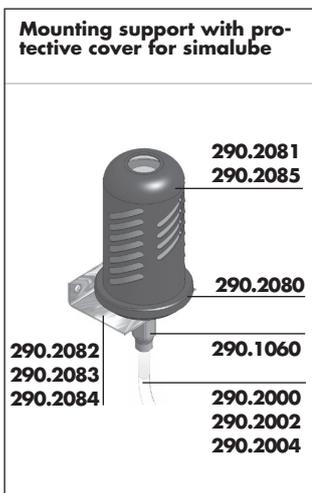
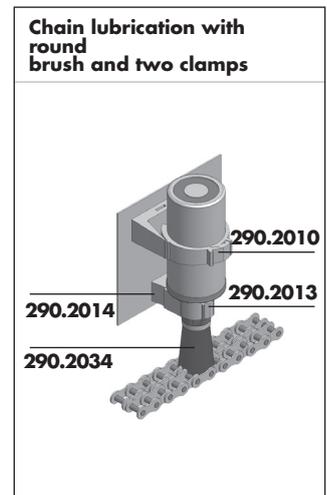
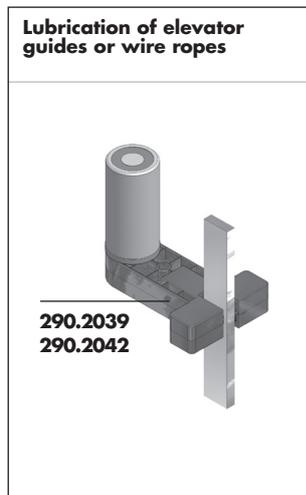
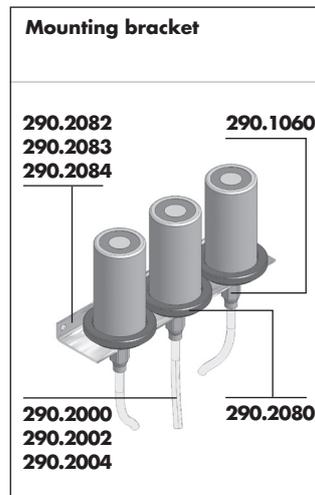
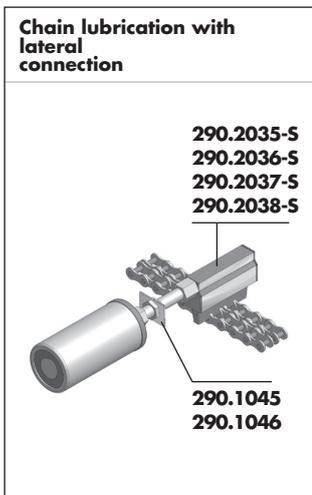


OIL	ISO-VG	Base oil	Temperature range	Viscosity at 40 °C	Applications						
					Roller bearings	Plain bearings	Linear guides	Gears/Toothed racks	Spindles	Shaft seals	Chains
											
<b>SL14</b> Chain oil (EP)	68	Mineral oil	-10 °C to 90 °C	68	-	•	•	-	-	-	+
<b>SL15</b> High-temperature chain oil (EP)	-	Synthetic oil	-30 °C to 250 °C	250	-	•	•	-	-	-	+
<b>SL16</b> Paraffinic lubricating oil	68	Mineral oil	-20 °C to 100 °C	68	-	•	•	-	-	-	+
<b>SL18</b> High performance lubricating oil for the food, animal feed and pharmaceutical industry 	220	Synthetic oil	-15 °C to 150 °C	220	-	•	•	-	-	-	+
<b>SL19</b> Organic chain oil	-	Rapeseed oil	-15 °C to 100 °C	60	-	•	•	-	-	-	+

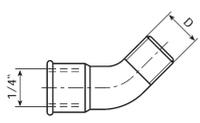
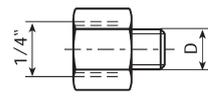
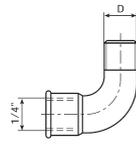
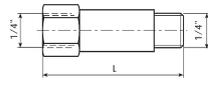
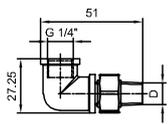
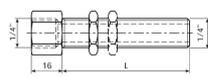
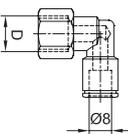
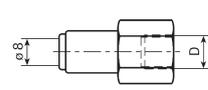
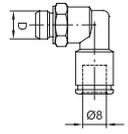
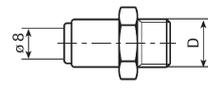
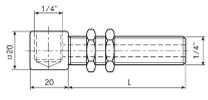
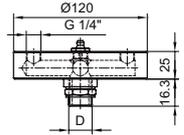
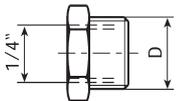
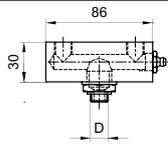
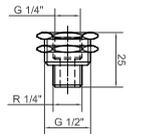
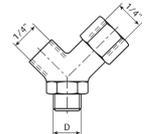
+ recommended    • possible    - not recommended

## Application examples

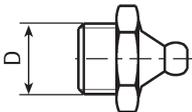
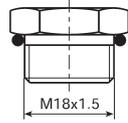
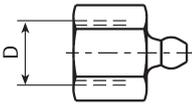
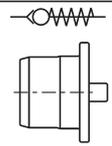
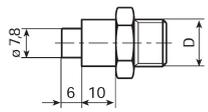
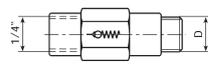
The simalube can be easily installed anywhere and in any position with these accessories.



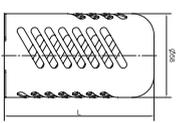
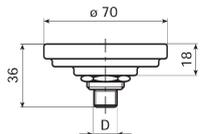
## Connections

	<b>Bent connection 45°</b> <b>D</b> R 1/4 <b>Nr.</b> 290.1001		<b>Reducing nipple</b> <b>D</b> G 1/8 G 1/4 M 6 M 8 M 8x1 <b>Nr.</b> 290.1020 290.1021 290.1022 290.1023 290.1024 <b>D</b> M 10 M 10x1 M 12 M 12x1.5 UNF 1/4 <b>Nr.</b> 290.1025 290.1026 290.1027 290.1028 290.1121
	<b>Bent connection 90°</b> <b>D</b> R 1/4 <b>Nr.</b> 290.1002		<b>Extension</b> <b>L</b> 10 35 50 [mm] <b>Nr.</b> 290.1021 290.1040 290.1041
	<b>Bent connection 90° swiveling</b> <b>D</b> R 1/4 <b>Nr.</b> 290.1004		<b>Screwed connection with hole,</b> 25 mm incl. 1 nut / 60 mm, incl. 2 nuts <b>L</b> 25 60 [mm] <b>Nr.</b> 290.1045 290.1046
	<b>Rotary elbow,</b> for hose Ø 8 mm <b>D</b> G 1/4 <b>Nr.</b> 290.1003		<b>Quick connection,</b> for hose Ø 8 mm <b>D</b> G 1/4 <b>Nr.</b> 290.1060
	<b>Rotary elbow,</b> for hose Ø 8 mm <b>D</b> G 1/8 G 1/4 <b>Nr.</b> 290.1007 290.1008		<b>Quick connection,</b> for hose Ø 8 mm <b>D</b> G 1/8 G 1/4 G 3/8 <b>Nr.</b> 290.1070 290.1071 290.1072
	<b>90° connection with thread,</b> incl. 2 nuts (only for oil) <b>L</b> 70 [mm] <b>Nr.</b> 290.1005		<b>4-fold adapter</b> <b>D</b> G 1/2 G 1/4 <b>Nr.</b> 290.4100 290.4101
	<b>Connecting nipple</b> <b>D</b> G 3/8 G 1/2 <b>Nr.</b> 290.1010 290.1011		<b>2-fold adapter</b> <b>D</b> G 1/2 G 1/4 <b>Nr.</b> 290.4102 290.4103
	<b>Fixation nipple G 1/2" - R 1/4"</b> <b>L</b> 25 [mm] <b>Nr.</b> 290.1015		<b>Y-manifold,</b> contains reduction art. 290.1021 <b>D</b> R 1/4 <b>Nr.</b> 290.1050

## Lubricator accessories and miscellaneous

	<b>Filling nipple,</b> for cleaning and filling of grease lines <b>D</b> R 1/4 <b>Nr.</b> 290.3011		<b>Gas generator,</b> for refilling <table border="1"> <tr> <td>15 ml</td> <td>30 ml</td> <td>60 ml</td> <td>125 ml</td> <td>250 ml</td> </tr> <tr> <td><b>Nr.</b> 220.5002</td> <td>220.5004</td> <td>220.5006</td> <td>220.5008</td> <td>220.5010</td> </tr> </table>	15 ml	30 ml	60 ml	125 ml	250 ml	<b>Nr.</b> 220.5002	220.5004	220.5006	220.5008	220.5010
15 ml	30 ml	60 ml	125 ml	250 ml									
<b>Nr.</b> 220.5002	220.5004	220.5006	220.5008	220.5010									
	<b>Refill nipple,</b> for refilling of simalube <b>D</b> G 1/4 <b>Nr.</b> 290.3012		<b>Non-return valve plug,</b> Plastic <b>Nr.</b> 290.5060										
	<b>Refill nipple,</b> to grease gun filler for filling simalube <b>D</b> R 1/4 R 3/8 <b>Nr.</b> 290.3013 290.3014		<b>Non-return valve</b> <b>D</b> G 1/8 G 1/4 <b>Nr.</b> 290.2020 290.2021										

## Safety accessories

	<b>Protective cover,</b> to mounting support art. 290.2080 <table border="1"> <tr> <td>≤125 ml</td> <td>250 ml</td> </tr> <tr> <td><b>L</b> 105</td> <td>195 [mm]</td> </tr> <tr> <td><b>Nr.</b> 290.2081</td> <td>290.2085</td> </tr> </table>	≤125 ml	250 ml	<b>L</b> 105	195 [mm]	<b>Nr.</b> 290.2081	290.2085		<b>Mounting support,</b> for all simalube sizes <b>D</b> R 1/4 <b>Nr.</b> 290.2080
≤125 ml	250 ml								
<b>L</b> 105	195 [mm]								
<b>Nr.</b> 290.2081	290.2085								

Brushes																			
	<b>Round brush</b> <b>D x L</b> Ø 25x45 [mm] <b>Nr.</b> 290.2034		<b>Brush lateral connection,</b> SFN for food applications <table border="1"> <tr> <td><b>L</b></td> <td>25</td> <td>40</td> <td>70</td> <td>100 [mm]</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2038-S</td> <td>290.2035-S</td> <td>290.2036-S</td> <td>290.2037-S</td> </tr> <tr> <td><b>Nr.</b></td> <td></td> <td>290.2035-SFN</td> <td>290.2036-SFN</td> <td>290.2037-SFN</td> </tr> </table>		<b>L</b>	25	40	70	100 [mm]	<b>Nr.</b>	290.2038-S	290.2035-S	290.2036-S	290.2037-S	<b>Nr.</b>		290.2035-SFN	290.2036-SFN	290.2037-SFN
<b>L</b>	25	40	70	100 [mm]															
<b>Nr.</b>	290.2038-S	290.2035-S	290.2036-S	290.2037-S															
<b>Nr.</b>		290.2035-SFN	290.2036-SFN	290.2037-SFN															
	<b>Round brush short</b> <b>D x L</b> Ø 25x15 [mm] <b>Nr.</b> 290.2041		<b>Elevator brush,</b> 5-16 mm, height 32 mm <b>Nr.</b> 290.2039																
	<b>Brush,</b> FN for food applications <table border="1"> <tr> <td><b>L</b></td> <td>25</td> <td>40</td> <td>70</td> <td>100 [mm]</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2038</td> <td>290.2035</td> <td>290.2036</td> <td>290.2037</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2038-FN</td> <td>290.2035-FN</td> <td>290.2036-FN</td> <td>290.2037-FN</td> </tr> </table>	<b>L</b>	25	40	70	100 [mm]	<b>Nr.</b>	290.2038	290.2035	290.2036	290.2037	<b>Nr.</b>	290.2038-FN	290.2035-FN	290.2036-FN	290.2037-FN		<b>Elevator brush small,</b> 5-16 mm, height 32 mm <b>Nr.</b> 290.2042	
<b>L</b>	25	40	70	100 [mm]															
<b>Nr.</b>	290.2038	290.2035	290.2036	290.2037															
<b>Nr.</b>	290.2038-FN	290.2035-FN	290.2036-FN	290.2037-FN															
			<b>Guide rail brush,</b> 40-50 mm, height 32 mm <b>Nr.</b> 290.2046																

Installation accessories																							
	<b>a) Hose</b> <b>b) Hose for temperatures up to 260 °C</b> <b>c) Hose for small bend radius</b> <table border="1"> <tr> <td><b>L</b></td> <td colspan="3">available by the meter, Ø 8/6 mm</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2000/...m</td> <td>290.2002/...m</td> <td>290.2004/...m</td> </tr> </table>	<b>L</b>	available by the meter, Ø 8/6 mm			<b>Nr.</b>	290.2000/...m	290.2002/...m	290.2004/...m		<b>Distance holder,</b> to clamp for round brush art. 290.2013 <table border="1"> <tr> <td><b>H</b></td> <td>15 [mm]</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2014</td> </tr> </table>	<b>H</b>	15 [mm]	<b>Nr.</b>	290.2014								
<b>L</b>	available by the meter, Ø 8/6 mm																						
<b>Nr.</b>	290.2000/...m	290.2002/...m	290.2004/...m																				
<b>H</b>	15 [mm]																						
<b>Nr.</b>	290.2014																						
	<b>Clamp for simalube/round brush,</b> Plastic <table border="1"> <tr> <td><b>D</b></td> <td>22 (SL 15 ml)</td> <td>28 (round brush)</td> <td>50 (SL 30-250 ml) [mm]</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2015</td> <td>290.2013</td> <td>290.2010</td> </tr> </table>	<b>D</b>	22 (SL 15 ml)	28 (round brush)	50 (SL 30-250 ml) [mm]	<b>Nr.</b>	290.2015	290.2013	290.2010		<b>Bracket,</b> to mounting support simalube art. 290.2080 <table border="1"> <tr> <td></td> <td>1x</td> <td>3x</td> <td>5x</td> </tr> <tr> <td><b>L</b></td> <td>75</td> <td>240</td> <td>390 [mm]</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2082</td> <td>290.2083</td> <td>290.2084</td> </tr> </table>		1x	3x	5x	<b>L</b>	75	240	390 [mm]	<b>Nr.</b>	290.2082	290.2083	290.2084
<b>D</b>	22 (SL 15 ml)	28 (round brush)	50 (SL 30-250 ml) [mm]																				
<b>Nr.</b>	290.2015	290.2013	290.2010																				
	1x	3x	5x																				
<b>L</b>	75	240	390 [mm]																				
<b>Nr.</b>	290.2082	290.2083	290.2084																				
	<b>Magnetic fixture,</b> for clamps <b>Nr.</b> 290.2019		<b>Bracket</b> for simalube 15-60 ml <b>Nr.</b> 290.2087																				
	<b>Adapter for clamp (60 mm),</b> Plastic <table border="1"> <tr> <td><b>D</b></td> <td>50 [mm]</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2012</td> </tr> </table>	<b>D</b>	50 [mm]	<b>Nr.</b>	290.2012		<b>Bracket,</b> universally adjustable <b>Nr.</b> 290.2800																
<b>D</b>	50 [mm]																						
<b>Nr.</b>	290.2012																						

simalube multipoint installation components																				
	<b>Quick connection,</b> for hose Ø 4 mm <table border="1"> <tr> <td><b>D</b></td> <td>G 1/8</td> <td>G 1/4</td> <td>M 5</td> <td>M 6</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.1170</td> <td>290.1171</td> <td>290.1172</td> <td>290.1173</td> </tr> </table>	<b>D</b>	G 1/8	G 1/4	M 5	M 6	<b>Nr.</b>	290.1170	290.1171	290.1172	290.1173		<b>Hose,</b> available by the metre <table border="1"> <tr> <td><b>L</b></td> <td>per metre</td> <td>Ø 4/2.7 mm</td> </tr> <tr> <td><b>Nr.</b></td> <td colspan="2">290.2100/...m</td> </tr> </table>		<b>L</b>	per metre	Ø 4/2.7 mm	<b>Nr.</b>	290.2100/...m	
<b>D</b>	G 1/8	G 1/4	M 5	M 6																
<b>Nr.</b>	290.1170	290.1171	290.1172	290.1173																
<b>L</b>	per metre	Ø 4/2.7 mm																		
<b>Nr.</b>	290.2100/...m																			
	<b>Connection SLM</b> <table border="1"> <tr> <td><b>D</b></td> <td>5xØ 4 mm</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.2900</td> </tr> </table>	<b>D</b>	5xØ 4 mm	<b>Nr.</b>	290.2900															
<b>D</b>	5xØ 4 mm																			
<b>Nr.</b>	290.2900																			

Grease cartridges and oil bottles for prelubrication																																								
	<b>Grease cartridge, 400 ml</b> <table border="1"> <tr> <td></td> <td>SL01</td> <td>SL02</td> <td>SL04</td> <td>SL06</td> <td>SL09</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.7001</td> <td>290.7002</td> <td>290.7004</td> <td>290.7006</td> <td>290.7009</td> </tr> <tr> <td></td> <td>SL10</td> <td>SL12</td> <td>SL24</td> <td>SL25</td> <td>SL26</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.7010</td> <td>290.7012</td> <td>290.7024</td> <td>290.7025</td> <td>290.7026</td> </tr> </table>		SL01	SL02	SL04	SL06	SL09	<b>Nr.</b>	290.7001	290.7002	290.7004	290.7006	290.7009		SL10	SL12	SL24	SL25	SL26	<b>Nr.</b>	290.7010	290.7012	290.7024	290.7025	290.7026		<b>Oil bottle, 0.5 l</b> <table border="1"> <tr> <td></td> <td>SL14</td> <td>SL15</td> <td>SL16</td> <td>SL18</td> <td>SL19</td> </tr> <tr> <td><b>Nr.</b></td> <td>290.7114</td> <td>290.7115</td> <td>290.7116</td> <td>290.7118</td> <td>290.7119</td> </tr> </table>			SL14	SL15	SL16	SL18	SL19	<b>Nr.</b>	290.7114	290.7115	290.7116	290.7118	290.7119
	SL01	SL02	SL04	SL06	SL09																																			
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<b>Nr.</b>	290.7114	290.7115	290.7116	290.7118	290.7119																																			

simalube IMPULSE accessories								
	<b>simalube IMPULSE connect,</b> pressure booster <b>Nr.</b> 230.1010		<b>Battery pack</b> <table border="1"> <tr> <td><b>Power</b></td> <td>6 V 2.3 Ah</td> </tr> <tr> <td><b>Nr.</b></td> <td>230.5000</td> </tr> </table>		<b>Power</b>	6 V 2.3 Ah	<b>Nr.</b>	230.5000
<b>Power</b>	6 V 2.3 Ah							
<b>Nr.</b>	230.5000							

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## simatec – innovative solutions that deliver outstanding customer benefits

simatec is an international, Swiss family enterprise. Since its founding in 1983, this motivated team has been developing, manufacturing and marketing innovative products for the maintenance of rolling bearings under the brand names of simalube, simatherm and simatool.

The direct customer benefits are always at the forefront. Using newly developed technologies, simatec simplifies complex processes and reduces routine maintenance for tens of thousands of machines around the globe.

Selected distribution partners sell simatec maintenance products around the world. They provide professional service and individual, expert advice.

## Maintenance products by simatec – industrial technology



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The simalube lubricator provides automatic lubrication over a period of one month to a year and can be adjusted in an infinitely variable manner. simalube supplies every lubricating point with the ideal amount of lubricant – be it oil or grease – so that subsequent manual lubrication is no longer needed and maintenance costs are reduced in the long term.

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smart lubrication



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simatherm induction heaters heat circular metal parts, such as roller bearings, in a very short amount of time, so they can be installed quickly and efficiently. The inductive heating of metallic workpieces makes sense from both an economical and ecological perspective. simatec is the world's leading manufacturer of these types of heaters.

**simatherm®**  
smart mounting



### Tools

The simatool toolkits enable the fast installation and removal of roller bearings and seals. They are used all over the world in machine and maintenance workshops within all industries.

**simatool®**  
smart tools