

Manual grease dispensing tools



A basic element of lubrication plans

The main pitfall of manual lubrication is ensuring accuracy and top cleanliness. Lubricant film in the application can be over 40 times thinner than the smallest visible particle. The SKF range of manual lubrication tools is designed to help you with the storage, handling, dosing and supplying of lubricants for your machinery in a clean and easy way.

A comprehensive range to meet your needs

Grease guns

SKF Grease Guns are suitable for agricultural, industrial, automotive and construction industries amongst others. Except for the SKF LAGP 400, which is designed for emptying cartridges only, all of them are equipped with a grease filling fitting. This fitting enables the use of SKF Grease Filler Pumps to refill the guns with loose grease, thus keeping contaminants out of the grease.



Easy grease filling

Grease guns TLGH 1 and 1077600

The SKF Grease Guns are ideal for agricultural, industrial and construction industries and for private use. The SKF Grease Guns are delivered with a 175 mm (6.9 in.) long extension pipe with hydraulic gripping nozzle.

- For use with cartridges and loose grease
- Knurled body for firm and safe grip
- High quality steel is dent-resistant for easy cartridge loading
- Special piston design for smooth emptying of cartridges
- Volume/stroke
 - TLGH 1: 0,9 cm³ (0.055 in.³)
 - 1077600: 1,5 cm³ (0.092 in.³)

Selection chart and technical data – SKF Grease Guns

Designation	TLGH 1	1077600	1077600/SET	LAGH 400
Drive	Manual	Manual	Manual	Manual One hand
Maximum pressure	400 bar (5 800 psi)	400 bar (5 800 psi)	400 bar (5 800 psi)	300 bar (4 350 psi)
Volume per stroke	Approx. 0,9 cm ³ (0.05 in. ³)	Approx. 1,5 cm ³ (0.09 in. ³)	Approx. 1,5 cm ³ (0.09 in. ³)	Approx. 0,46 cm ³ (0.03 in. ³)
Weight	1,5 kg (3.3 lb)	1,5 kg (3.3 lb)	Complete: 2,4 kg (5.3 lb)	1,3 kg (2.9 lb)
Reservoir	Loose grease (ca. 500 cm ³) or grease cartridges.	Loose grease (ca. 500 cm ³) or grease cartridges.	Loose grease (ca. 500 cm ³) or grease cartridges.	Loose grease (ca. 500 cm ³) or grease cartridges.
Discharge pipe length	175 mm (6.9 in.)	175 mm (6.9 in.)	175 mm (6.9 in.)	-
Flexible hose length	-	-	-	300 mm (12 in.)
Accessories	1077601	1077601	1077601	1077601

Note: 1077601: Flexible 500 mm (19.7 in.) long pressure hose with hydraulic gripping nozzle.



1077600/SET



LAGH 400

Easy grease filling with one hand

Grease gun LAGH 400

Suitable for grease filling by grease filler pumps and also suitable for grease cartridges. Ergonomic design, flexible hose and possibility to mount the hose in both vertical and horizontal position make it easy to use.

- Easy-to-use: only one hand is needed to operate the gun
- Refillable: grease filling nipple and de-airing valve allow filling up by filler or grease pump
- Heavy duty: operating pressure up to 300 bar (4 350 psi)
- Flexible hydraulic type hose: can be bent, can be mounted both horizontally and vertically on the gun

1077600 H

The 1077600 is also available with a with 300 mm (12 in.) high pressure hose with a hydraulic gripping nozzle

1077600/SET

The 1077600 is also available as a complete set. Set includes: Extension pipe, Snap-on high pressure hose, Snap-on extension pipe with cardan nozzle, Snap-on extension pipe for flat-head grease fittings (Ø16 mm), Female and pointed nozzle

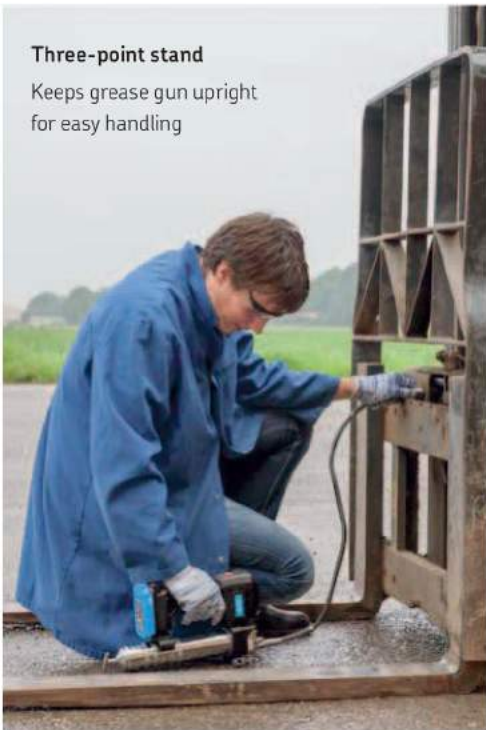
Technology and reliability in a durable design

Battery driven grease gun TLGB 20

Developed to maximize efficiency, the SKF Battery driven grease gun TLGB 20 includes an integrated grease meter to help prevent over- and under-lubrication. This unique tool features a durable, ergonomic design with a three-point stand for operator comfort and convenience and a 20-volt, lithium-ion battery for longer life. Suitable for a variety of manual lubrication tasks, the TLGB 20 can be used to lubricate bearings and machines in industrial and manufacturing environments, as well as agricultural and construction vehicles.

Three-point stand

Keeps grease gun upright for easy handling



The tool's display indicates battery charge level, amount of grease dispensed, pump/motor speed and blocked lubrication points. This versatile grease gun provides two flow rates – low and high – and can dispense up to 15 grease cartridges per battery charge. The TLGB 20 can deliver pressures up to 700 bar (10 000 psi) and features a built-in light to illuminate the work area.

Integrated grease meter delivers precise lubrication

The TLGB 20's grease meter allows the technician to see exactly how much lubricant has been dispensed in order to avoid over- and under-lubrication. Under-lubrication can lead to premature bearing failure or contaminants entering the bearing. Over-lubrication wastes grease and can cause serious complications as well. In applications involving fast-moving equipment, such as electric motors, too much lubricant can cause high temperatures to develop and can damage seals, allowing contamination ingress. High temperatures also reduce lubricant life significantly, thereby increasing operational costs.



Integrated grease meter

Tracks how much grease has been dispensed

Two-speed flow rate

Enables adjustment from low-volume to high-volume flow to suit the application

Battery charge display

Indicates lithium battery charge level



LED light

Illuminates work area to help locate grease fittings in dimly lit environments

Filler nipple

Facilitates clean and simple filling from drums using filler pumps

Spring guards

Preserves flex hose life by preventing kinks

Vent valve

Removes trapped air inside grease gun for trouble-free priming

Multi-function LCD

Display shows grease output and battery charge and alerts the operator of blocked fittings and loss of prime

Ergonomic design

Lightweight with optimized balance for operator comfort

20 V Lithium-ion battery

Dispenses up to 15 grease cartridges per charge and maintains stable energy output

4-Jaw coupler

Precision machined for durability

Technical data

Designation	TLGB 20 and TLGB 20/110V		
Display	Grease meter Battery capacity gauge Alert of blocked fittings Alert of loss of prime	Battery type	Li-Ion
Grease output	Low speed setting 100 ml/min. (3.5 oz/min.) at 70 bar pressure High speed setting 160 ml/min. (5.5 oz/min.) at 70 bar pressure	Battery output	20V DC maximum (without workload)
Maximum operating pressure	400 bar (6 000 psi)	Battery capacity	1 500 mAh
Maximum peak pressure	700 bar (10 000 psi)	Voltage charger, V/Hz	TLGB 20 200–240 V/50–60 Hz TLGB 20/110V 110–120 V/60 Hz
Cartridges per battery charge	15 cartridges (free flow, low speed) 5 cartridges (200 bar counter pressure, low speed)	Carrying case dimensions	590 × 110 × 370 mm (23.2 × 4.3 × 14.5 in.)
Length of hose	900 mm (36 in.)	Weight	3,0 kg (6.5 lb)
		Total weight (incl.case)	5,7 kg (12.7 lb)
		Accessories	TLGB 20-1 Shoulder strap TLGB 20-2 20 V Li-Ion battery



Optimum cleanliness when filling your grease guns

Grease filler pumps LAGF series

Best lubrication practices say that each type of grease requires an individual grease gun and the refilling has to be a clean process. SKF Grease Filler Pumps are designed to help achieve this goal.

- Quick filling: low pressure high stroke volume
- Easy installation: all necessary items are included
- Reliable: tested and approved for all SKF greases
- Appropriate as a complement for SKF Bearing Packer VKN 550

Technical data

Designation	LAGF 18	LAGF 50
Maximum pressure	30 bar (430 psi)	30 bar (430 psi)
Volume/stroke	approx. 45 cm ³ (1.5 US fl. oz)	approx. 45 cm ³ (1.5 US fl. oz)
Suitable drum dimensions: inside diameter maximum inside height	265–285 mm (10.4–11.2 in.) 420 mm (16.5 in.)	350–385 mm (13.8–15.2 in.) 675 mm (26.6 in.)
Weight	5 kg (11 lb)	7 kg (15 lb)

Accurate grease quantity measurement

Grease meter LAGM 1000E

The SKF Grease Meter LAGM 1000E accurately measures grease discharge in volume or weight in metric (cm³ or g) or US units (US fl. oz or oz), making conversion calculations unnecessary.

- Suitable for most NLGI 0-3 greases
- A rubber sleeve protects the electronics in case of impact and is also oil and grease resistant
- The backlit LCD displays large and clear-to-read digits
- Maximum pressure of 700 bar (10 000 psi)
- Compact and lightweight design
- Corrosion-resistant aluminium housing
- Fits with all SKF manual grease guns and air-operated grease pumps
- Fixed installation in conjunction with a lubrication system possible.



Technical data

Designation	LAGM 1000E
Housing material	Aluminium, anodised
Weight	0,4 kg (0.88 lb)
IP rating	IP 67
Suitable greases	NLGI 0 to NLGI 3
Maximum operating pressure	700 bar (10 000 psi)
Maximum grease flow	1 000 cm ³ /min (34 US fl. oz/min)
Thread connections	M10x1
Display	Lit LCD (4 digits / 9 mm)
Accuracy	±3% from 0 to 300 bar, ±5% from 300 to 700 bar
Selectable units	cm ³ , g, US fl. oz or oz
Display lamp auto switch off	15 seconds after last pulse
Battery type	1 × 1,5 VAA Alkaline
Unit auto switch off	Programmable



For high volume requirements

Grease pumps LAGG series

SKF manual and air-operated grease pumps are designed to supply large amounts of grease. This is useful when large housings have to be filled or when numerous points have to be lubricated. They are also suitable for topping up centralised lubrication systems reservoirs.

- Full range: pumps available for 18, 50 or 180 kg (39, 110 or 400 lb) grease drums
- High pressure: maximum of 420 bar (6 090 psi) for air-driven models
- Reliable: tested and approved for SKF greases
- Easy and ready to install
- 3,5 m (11.5 ft) of tubing included

Accessories

Designation	Description
LAGT 18-50	Trolley for 18 kg (40 lb) cans and 50 kg (110 lb) drums
LAGT 180	Trolley for drums up to 200 kg (440 lb)



Technical data

Designation	LAGG 18M	LAGG 18AE	LAGG 50AE	LAGG 180AE
Description	Grease pump for 18 kg (39.6 lb) drums	Mobile grease pump for 18 kg (39.6 lb) drums	Grease pump for 50 kg (110 lb) drums	Grease pump for 180 kg (396 lb) drums
Power source	Manual	Air-pressure	Air-pressure	Air-pressure
Max. pressure	500 bar (7 250 psi)	420 bar (6 090 psi)	420 bar (6 090 psi)	420 bar (6 090 psi)
Suitable drum	265–285 mm (10.4–11.2 in.)	265–285 mm (10.4–11.2 in.)	350–385 mm (13.8–15.2 in.)	550–590 mm (21.7–23.2 in.)
Mobility	Stationary	Trolley included (LAGT 18-50)	Stationary	Stationary
Maximum flow rate	1,6 cm ³ /stroke (0.05 US fl. oz)	200 cm ³ /min. (6.8 US fl. oz)	200 cm ³ /min. (6.8 US fl. oz)	200 cm ³ /min. (6.8 US fl. oz)
Suitable grease NLGI class	000–2	0–2	0–2	0–2