

Makita

18V Grease Gun

LXT

DGP180



Product Statement

The DGP180 is an industrial application solution, providing efficient grease lubrication for a wide range of applications. Featuring a maximum 10,000psi discharge pressure and 295mL/min discharge rate, with a 1,200mm long flexible hose enabling access to hard to reach and tight spaces.

The DGP180 also features an automatic pressure switching function which maintains steady flow rate regardless of the pressure of the application at hand. The DGP180 is also equipped with convenient features such as a variable speed trigger for control over grease flow rate, and a LED job light with a manual Off and On switch.



Product Overview



Product Specification Sheet

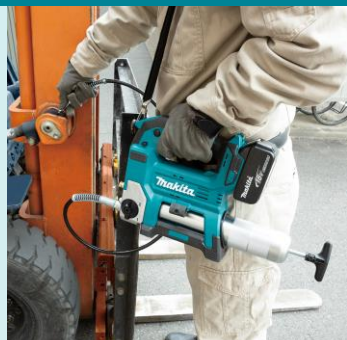


Operating pressure	10,000psi (69MPa)
Barrel capacity	450g cartridge
Flow rate	Low: 145ml/min High: 290ml/min
Overall length	440mm
Skin weight	5.2kg
Weight (with battery)	5.8kg
Voltage	18V

- **High pressure** – Maximum 10,000psi discharge pressure and 295mL/min discharge rate. Ideal for lubricating heavy machinery and farm equipment.
- **LED job light** – LED job light with manual on and off switch, allows the user to easily location grease nipples in dimly lit locations.
- **Automatic Pressure Switching Function** – In auto speed mode (Position 2) the DGP180 dispenses grease while automatically adjusting the flow rate according to the internal pressure of the chamber of the machine being lubricated.
- **Lock-on switch** – Lock-on switch reduces hand fatigue during long and continuous applications for further comfort and ease of use.
- **Variable speed trigger** – Variable speed trigger allows for further control over grease flow rate depending on the application at hand.
- **450g cartridge or bulk grease** – barrel suits 450g cartridges or can also be loaded with bulk grease. Optional barrels are also available for 400g or 500g cartridges if required.
- **Flexible hose** – 1,200mm flexible hose length for easier access and operation in tight and hard to reach spaces.

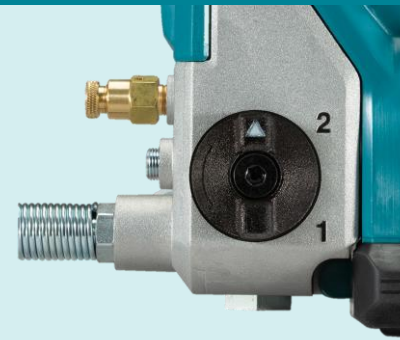
Advantages

High Pressure



Maximum 10,000psi discharge pressure and 295mL/min discharge rate.

Innovation



Automatic pressure switching function maintains steady flow rate

Control



Variable speed trigger allows for further control over grease flow rate

Convenience



1,200mm flexible hose length for easier access and operation in tight spaces

Automatic Pressure Switching Function

In auto speed mode (position 2), DGP180 dispenses grease while varying the flow rate automatically according to the internal pressure of the grease chamber of a machine to be lubricated.

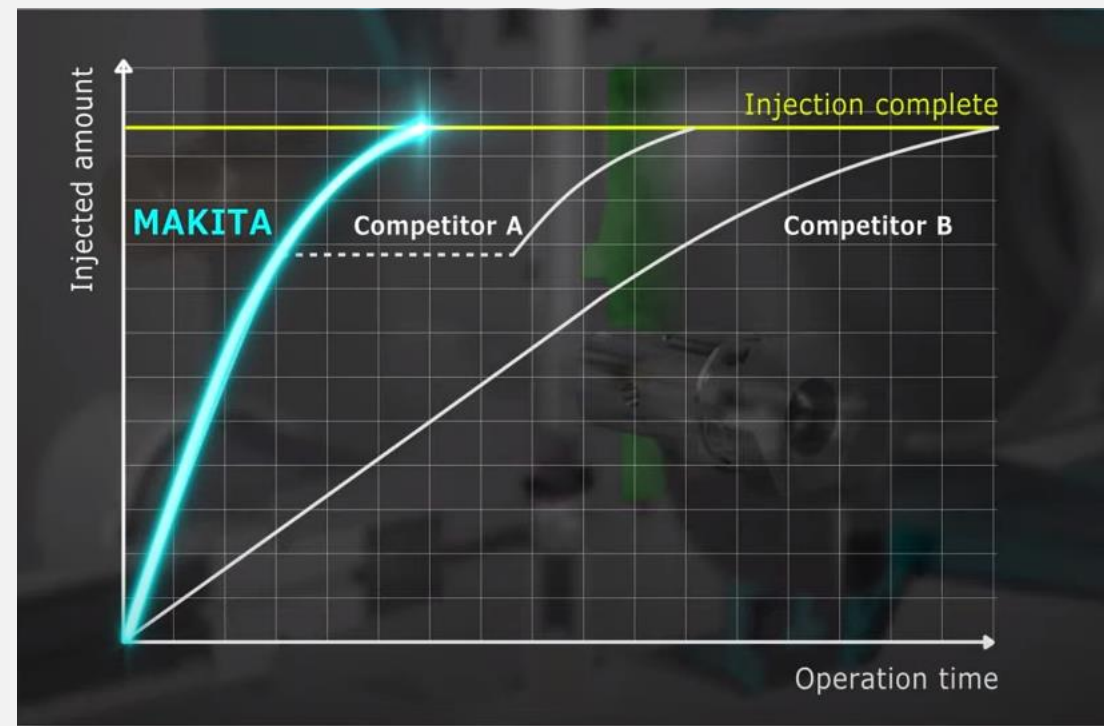
Competitors products have 2 modes:

- High pressure with a low flow rate or
- Low pressure with a high flow rate

Where as the DGP180 can automatically adjust pressure and flow rate to speed up the time required to lubricate a fitting.

As an example:

When tensioning large excavator tracks a large amount of grease should be dispensed in the beginning and high-pressure dispensing is required toward the end. Achieving a much faster lubrication time, unlike competitor A that has to stop and change modes during application.



Standard Accessories

	166094-6	Shoulder Strap
	191A81-2	Barrel Assembly B
	191A79-9	Flexible Hose 1200mm
	821840-1	Plastic Carry Case

Optional Accessories

	191A76-5	Lock On Coupler NPT
	191A77-3	Angle Adapter Coupler
	191A78-1	3 Piece Coupler Set

Optional Accessories

	191A79-9	1,200mm Flexible Hose
	191A80-4	600mm Flexible Hose
	191B12-7	400g Barrel Assembly A Set
	191A81-2	450g Barrel Assembly B Set
	191F23-6	500g Barrel Assembly C Set
	191F24-4	400g Barrel Assembly A Set With cartridge viewing window
	191F25-2	450g Barrel Assembly B Set With cartridge viewing window
	191F27-8	500g Barrel Assembly C Set With cartridge viewing window

FAQ – Installing Barrel/Grease



Installing a Grease Cartridge - DGP180

Unlisted

FAQ – Air Ejection

If there is air trapped in the flow path of the grease, the tool will be unable to dispense grease accurately and efficiently.

In order to avoid inaccurate grease dispensation, purge the air before each use.

To purge the air loosen the valve for the air to drain.

Then fasten the valve again as soon as grease begins to leak out of the valve.

