

**Makita**<sup>®</sup>

# 18V Brushless Heavy Duty Hammer Driver Drill

**LXT**

DHP486



# Product Statement

## 18V Brushless Heavy Duty Hammer Driver Drill

The 18V Brushless Hammer Driver Drill provides 141Nm of maximum fastening torque and no load speed of 2,100rpm combining rapid drilling speeds with high levels of torque. This model has been redesigned with a newly designed motor and gear ratio achieving not only more power but also increasing the performance in continuous heavy-duty applications.

Not only has the performance on this model been increased but it is also considerably shorter. At 178mm in length this model is 27mm shorter than the previous model. Making it the most compact drill in its class and extremely comfortable to use in all applications.



# Product Overview

Compact Design

2 Speed Mechanical Gearing

3 drilling modes

All metal gear construction

LED Joblight

High power output





# Product Specification Sheet



Max. drilling capacities in wood	Auger bit: 50mm Self-feeding bit: 76mm Hole saw: 152mm
Max. drilling capacities in steel	13mm
Max. drilling capacities in masonry	16mm
No load speed	Hi: 0 - 2,100rpm Lo: 0 - 550rpm
Impact rate	Hi: 0 - 31,500ipm Lo: 0 - 8,250ipm
Max. peak torque	141Nm
Max. tightening torque	Hard: 130Nm Soft: 65Nm
Overall length	178mm
Skin weight	2.1kg
Weight (with battery)	2.7kg
Voltage	18V

- **Compact Design** – for improved handling and control the overall length has been reduced by 27mm vs. the previous model
- **3 Drilling Modes** – screwdriving mode (rotation with clutch) for achieving an even consistent finish when fastening screws. Drilling mode (rotation only) achieving 141Nm max. torque. Hammer Drilling mode (rotation with hammering) on the for drilling in masonry up to a maximum 16mm hole diameter.
- **LED Joblight** – high brightness twin LED joblight with pre-glow and after glow functions. Illuminating the working area for greater visibility during application
- **High Power Output** – This model has been redesigned with a newly designed motor and gear ratio achieving not only more power but also increasing the performance in continuous heavy-duty applications.
- **2 Speed Mechanical Gearing** – high speed mode produces 2,100rpm for rapid drilling speed while low speed produces high levels of torque to suit high load operation.
- **All metal gear construction** – allow for smoothly transfer of power in high load applications. While the highly durable materials ensure this tool has unmatched durability, and will continue to perform in years to come.
- **XPT** – Extreme Protection Technology protects the tool against dust & moisture even in the harshest jobsite conditions, increasing durability

# Advantages

## Heavy Duty Power



High power Brushless motor produces 141Nm max. torque

## Speed



High speed produces 2,100rpm for rapid drilling speed, while low speed produces high torque

## Ergonomics



Overall length has been reduced by 27mm vs. the previous model

## Durability



Highly durable materials ensure this tool has unmatched durability

# Heavy Duty Brushless

## Drilling Power

Up to

35%

More  
Power

**Test:** Consecutive drilling in 152mm thick work piece with 22mm ship auger in high speed drilling mode

### Result:

**DHP486**

57 pieces  
(Single Full Battery)



**DHP481**

30 pieces  
(Automatically stopped by battery protection)



# Accessories

## Standard Accessories

	127701-6	Grip Assembly
	346317-0 251314-2	Belt Hook Belt hook screw
	784637-8	+ Bit 2-45
	452947-8	Bit Holder
	122576-8	Stopper Pole Assembly








## Optional Wood Drilling Accessories

	Hex Drive Auger Bits	<a href="#">Link to Accessories Website</a>
	Self Feeding Drill Bits	<a href="#">Link to Accessories Website</a>
	Forstner Drill Bits	<a href="#">Link to Accessories Website</a>
	Ship Wood Auger Bits	<a href="#">Link to Accessories Website</a>
	Flat Spade Bits	<a href="#">Link to Accessories Website</a>
	Standard Wood Auger Bits	<a href="#">Link to Accessories Website</a>
	TCT Concealed Hinge Bits	<a href="#">Link to Accessories Website</a>

## Optional Metal Drilling Accessories

	Cobalt Drill Bits	<a href="#">Link to Accessories Website</a>
	HSS-Titanium Drill Bits	<a href="#">Link to Accessories Website</a>
	M-Force Drill Bits	<a href="#">Link to Accessories Website</a>
	Reduced Shank Drill Bits	<a href="#">Link to Accessories Website</a>
	HSS-G Drill Bits	<a href="#">Link to Accessories Website</a>
	HSS-R Economy Drill Bits	<a href="#">Link to Accessories Website</a>
	Step Drill Bits	<a href="#">Link to Accessories Website</a>
	Counter Sink Drill Bits	<a href="#">Link to Accessories Website</a>

## Optional Hole Saw Accessories

	Ezychange Bi-Metal Cobalt Holes Saws	<a href="#">Link to Accessories Website</a>
	Bi-Metal Holes Saws	<a href="#">Link to Accessories Website</a>
	Bi-Metal Sheet Metal Holes Saws	<a href="#">Link to Accessories Website</a>
	TCT Sheet Metal Holes Saws	<a href="#">Link to Accessories Website</a>
	TCT Multi Purpose Holes Saws	<a href="#">Link to Accessories Website</a>
	Diamond Holes Saws	<a href="#">Link to Accessories Website</a>
	Vacuum Brazed Holes Saws	<a href="#">Link to Accessories Website</a>