

# T ECHNICAL INFORMATION



New Tool

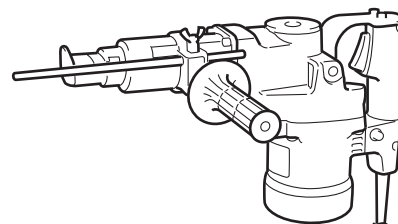
Models No. ▶ HR3850

Description ▶ 38mm(1-1/2") Rotary hammer

## CONCEPTION AND MAIN APPLICATIONS

HR3850 is a new model based on the existing model HR3811. Main features that have been modified are as follows.

- AC/DC universal switch is adopted.
  - Drilling and hammering can be switched by change lever.
  - Side grip can be positioned either on barrel or on crank housing.
  - Work efficiency has been 10% decreased as compared with HR3811, however the reactionary vibration to the operator is reduced.
- Driving Shank is Hexagonal type 13mm.



## ▶ Specifications

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output(W)
			Input	Output	
100	11	50/60	1050	580	800
115	8.7	50/60	940	520	800
200	5	50/60	940	520	800
220	4.5	50/60	940	520	800
230	4.3	50/60	940	520	800
240	4.1	50/60	940	520	800
115	10	50/60	1090	570	890

No load speed	Speed; 240/min
Number of blows per minute	2900/min (In the case of a rated load.)
Overall length	430mm (16-15/16")
Net weight	7.5kg (16.5lbs)
Power supply cord	5m (16.4ft)

## ▶ Standard equipment

Blow-out bulb (evacuation of cut chips), depth gauge (positioning of drilled depth), hex. wrench 4.5 (removal of hex. socket head bolt)

## ▶ Optional accessories

Same as the existing mass-production hammer drills (HR3511, HR3811, 8700N, 8800N, 8038N)

## ▶ Features and benefits

1. Operation mode of "drilling and hammering" and that of "hammering only" can be switched by change lever.  
Examples of operations  
Positioning of drilling point for core bit can be determined without using center bit.  
By using "hammering" operation mode for a work of hammering, digging, etc., the work efficiency is raised and the abrasion of impact point can be reduced.  
"Hammering" mode can be used for hammering of drill anchor.
2. Side grip can be mounted at crank housing so that the drilling operation in a downward direction is easier than before.

\* Procedures for disassembly and assembly are omitted because they are same as HR3811.