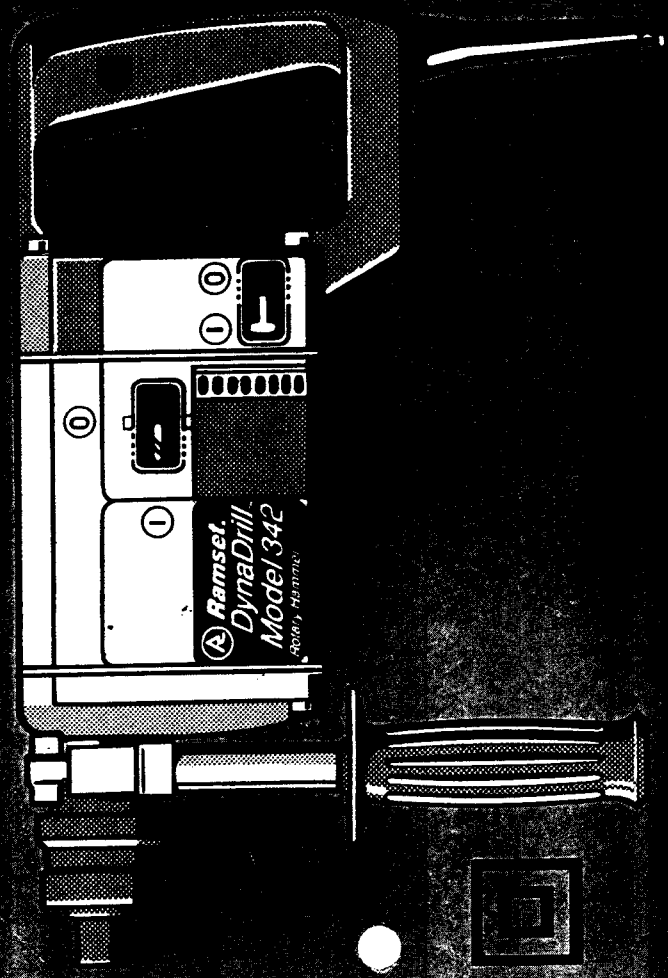




Ranset



Ranset



Operating Instructions (Continued)

Side Handle

Do not use 342 Dynadrill without its side handle. It provides better control and greater safety along with additional comfort. To adjust, twist the side handle grip.

Depth Gauge

The Depth Gauge is adjusted by loosening the wing screw on the side handle and positioning the gauge so that the distance between the end of the gauge and the tip of the drill bit is the depth of hole required. Use of the depth gauge ensures correct hole depth.

Tool Maintenance & Care

Warning

Before changing accessories, adjusting, cleaning or servicing, always disconnect the tool from the power supply.

Cleaning

Cleaning is done best by blowing out the air-vents in front and back of the motor with compressed air. Ensure air line is free from condensation. Dust build ups should be avoided in these areas, since the flow of clean air may be obstructed.

Lubrication

The 342 Dynadrill is lubricated internally by completely sealed-in, special high performance oil. No re-filling or changing has to be carried out by the user. This function is attended to during routine service by authorised personnel.

Automatic Service Timing

The 342 Dynadrill is fitted with automatic cut out carbon brushes which will stop the tool without damage to the commutator when the brushes are worn. When this happens, call on your Ramset representative for routine service and maintenance. Servicing should always be carried out by Ramset authorised personnel.

Voltage Warning

Before connecting a tool to a power supply, be sure the voltage supplied is the same as specified on the nameplate of the tool. Power supplies should not be above or below the voltage indicated on the nameplate. A voltage greater than allowable could result in injury to the user; a voltage lower than allowable may cause damage to the tool and will decrease efficiency.

Extension Cords

The use of long extension cords can cause a voltage drop resulting in unsatisfactory performance and possible damage to the tool.

Similarly extension cords with light duty thin sheathing are liable to physical damage on construction sites.

Ramset recommends that for use with the Model 342 Dynadrill and for lengths up to 200 metres only 10 amp (32/0.2) Heavy Duty Sheathed extension cords be used (100 metres for 115V version).

General Safety Precautions



- 1 Keep work area clean and uncluttered.
- 2 Avoid damp or wet areas.
- 3 Store tools securely in carrying case supplied.
- 4 Don't force tool; it will do the job better at the rate for which it was designed.
- 5 Wear proper apparel, avoid loose clothing.
- 6 Use safety glasses, ear protectors are recommended when working in confined spaces or for extended periods of time.
- 7 Never carry tool by cord or pull to disconnect from power supply.
- 8 Keep proper footing and balance at all times.
- 9 Keep all carbide bits sharp and clean for best performance.
- 10 Disconnect tool from power supply when not in use.
- 11 Never carry tool with finger on switch.
- 12 Ensure that recommended extension cords are used at all times.
- 13 Use only Ramset accessories.
- 14 Servicing should always be done by Ramset authorised personnel.
- 15 Do not lay tool down on dusty surfaces until motor has stopped running.

Tool Features

- Double Insulation — The Ramset 342 Dynadrill is double insulated and can therefore be used with grounded or ungrounded, two-wire or three-wire power outlets. **NO GROUND WIRE IS REQUIRED.** Double insulation is a safety system to avoid uncertainty caused by question of whether or not the power outlet used is actually grounded. Two layers of insulation provide maximum safety at all times.
- Full insulation — In addition to two layers of insulation, the Ramset 342 Dynadrill also features non-conductive exterior housings and handles — providing maximum safety and protection against hazards from the outside (drilling into invisible live wires in walls or ceilings).
- Electro-Pneumatic Hammering Mechanism — low vibration.
- Automatic cut out brushes — long life.
- Safety Clutch protects operator from effect of torque if drill bit jams and stalls the hammer.
- Completely sealed oil lubrication — guarantees instant starts in cold weather.
- Quick-release Bit Retainer for fast change of bits without auxiliary tools.
- 360° adjustable Side Handle.
- No wrenches required for Side Handle and Depth Gauge adjustment.
- Depth Gauge Rod ensures correct hole depth at all times.
- Rotation release for fast installation of self-drilling anchors.
- Self-drilling anchors up to M12 (1/2" BSW) are drilled and set quickly and efficiently.

Operating Instructions

Variable Speed Trigger Switch

An electronic speed control switch is fitted. By slight pressure on the trigger, the machine starts rotating slowly. This enables the operator to start the carbide bit on the work surface easily. The harder one presses, the faster the speed. (Very useful when drilling into tiles, glazed brick, etc.) By releasing the trigger the machine is automatically shut off.

Function Selector

By turning the black control on the side of the tool into **Vertical** position, which is marked by (0), the rotation will be disengaged — the tool will hammer only.

By turning the black control on the side of the tool into a **Horizontal** position, which is marked by (1), the tool will both drill and hammer.

The function selector allows for use of the 342 Dynadrill in drilling, chipping, scaling, and chiselling applications as well as for the installation (drilling and setting) of self-drilling anchors.

Impact Stop

Rotary drilling without hammer. (0) Impact mechanism in off-position.

Carbide Bits and Adaptors

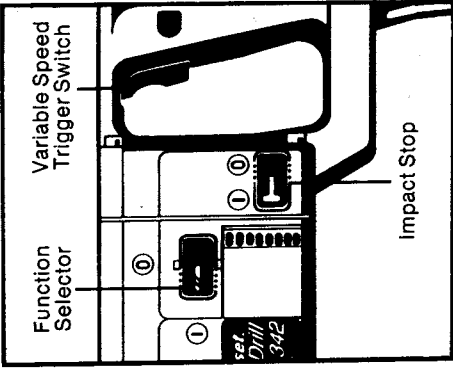
Always disconnect tools from power source when changing bits or adaptors. Insert one-piece bit or adaptor with the unique triangular shank into tool retainer, turn until it seats in female driver, then simply push all the way home. The tool retainer will snap closed automatically. To remove, pull back sleeve on tool retainer, this will release bit or adaptor from tool retainer. Keep bits and adaptors clean at all times. Use only accessories recommended by Ramset.

Dust Caps

To provide maximum protection from dust, particularly in overhead applications, ensure that dust caps are fitted to all deep flute bits, adaptors and other accessories at all times.

Safety Clutch

342 Dynadrill is equipped with a built-in, automatic safety clutch. This will prevent serious kick-backs if drill bits and adaptors should jam in the work surface, or when the tool is severely overloaded.



Important



Before connecting your Dynadrill to power supply be sure you have read all safety rules and understand all the instructions in this manual for safe operation of the tool.

Ramset Service

Ramset service only begins with the supply of a tool. We continually help you, not only by furnishing you with the finest products available, delivered direct to the job, but also by offering full technical advice and service on fastening problems. Our service is as close as your telephone.

USE ONLY GENUINE RAMSET PRODUCTS

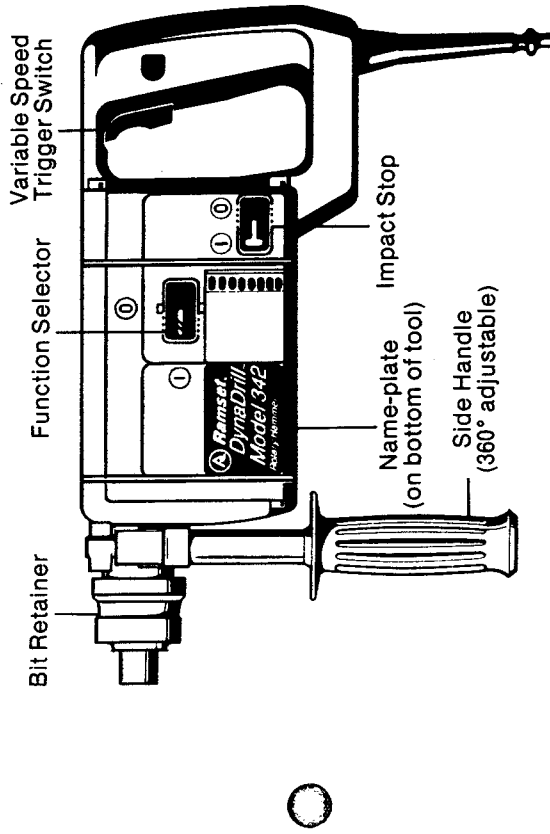
Ramset Rotary Hammers, carbide masonry drills, accessories and masonry anchors, are designed and manufactured to work as a team. They provide the greatest ease, convenience and all-round performance when used together. It is important that you insist on genuine Ramset products for utmost satisfaction and to ensure validity of your warranty.

Warranty

Ramset warrants that all Ramset Portable Electric Tools are free of defects in material or workmanship. Ramset will repair or replace this tool if it is proven defective under normal use within a period of Six (6) Months from the date of purchase.

Make sure that you have filled in and returned the Warranty Card supplied with your Dynadrill.

Ramset 342 Dynadrill Rotary Hammer



Specifications

Speed	No Load 650 rpm — Full Load 420 rpm.
Impacts	3,400/Min.
Motor	600 Watts, 50-60 Hz.
Model DD342-776	220 V — 2.9 Amp.
Model DD342-778	240V — 2.7 Amp.
Model DD342-779	115V-5.5 Amp.
Capacity in Concrete, Masonry	
with solid carbide bits	25mm (1")
with core bits	65mm (2-1/2")
with self-drilling anchors	M12 (1/2" BSW)
Weight	4.6 Kg. (10.2 lb)
Length of Power Cable	2.7 metres nominal (9 ft.)
Insulation	Double Insulation plus Full Insulation type construction.

Electro-pneumatic hammer mechanism.

Accessories

Refer to your Model 342 Dynadrill Brochure for details of the range of carbide bits and accessories.