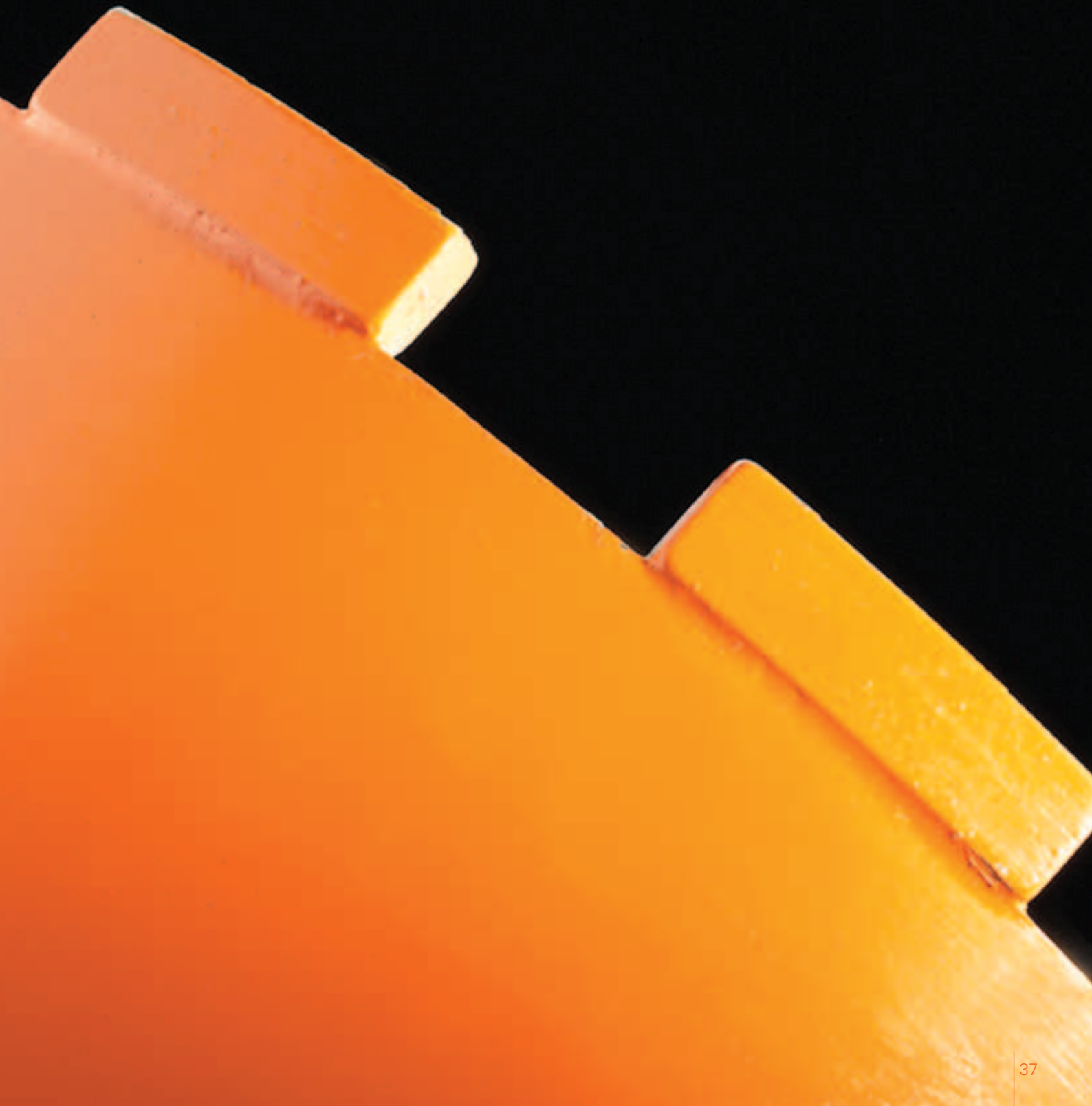


# DIAMOND DRILLING





# DIAMOND DRILLING

## RM160 - Motor



### Function

The RM160 is the ideal motor for smaller diamond coring jobs or where convenience is required. Hand held or rig mountable, it has a three speed motor with progressive start and a powerful 2000W motor.

### Product Advantages

- Thermal protector device to protect motor
- Compact and ergonomic
- Hand held applications up to 80mm
- LED to indicate overpressure
- 2 spirit level: to assure precise drilling vertically and horizontally
- PRCD to assure safety for the user

### Noise / Vibration Information

Sound Pressure Level: 85dB (A)  
 Sound Power Level: 90dB (A)  
 Wear Eye and Ear Protection

### Applications



- Chemical and mechanical anchoring
- Starter bars
- Column anchoring
- Balustrade anchoring
- Air conditioning and heating pipes

### Specification

Model	RM160		
Power	2000W		
Max drilling capacity	Handheld	80mm	
	Rig Mounted	131mm	
Motor Speeds	Speed 1	Speed 2	Speed 3
Load	0-660RPM	0-1550RPM	0-3300RPM
Diameter	65 - 131mm	35 - 60mm	10 - 30mm
Weight	6.7kg		
Connection	1/2" and 1 1/4"		
Cable length	5m		
Insulation	Class II		
Rig compatibility	CDBR130		

### Product Range - RM160 - Motor

Part No.	Description	Order Qty
7E-CORE-RM16-0R	RM160 Diamond Drilling Motor	1
<b>Accessories</b>		
7E-CORE-1727-70	Copper Rings	5
7E-CORE-6222-00	Sharpening stone	1
7E-CORE-6451-00	Aquastop coupling dia	1
7E-CORE-6222-20	Anchor kit prima M12	1
7E-CORE-RMCD	Centering Device	1

## CDBR130 - Rig



### Function

A lightweight rig that is capable of very accurate coring from 0° to 90°. The Trolley System is fitted with rollers to ensure smooth even work in the worst conditions.

### Product Advantages

- Increased accuracy and drilling
- Increased life of core bits
- More stable and controlled drilling

### Noise / Vibration Information

Noise level 90dB (A)

### Applications



- Chemical and mechanical anchoring
- Starter bars
- Column anchoring
- Balustrade anchoring
- Air conditioning and heating pipes

### Specification

Height	885mm
Length	310mm
Width	210mm
Weight	8.7kg
Max drill depth	677mm
Max core diameter	131mm
Operation tilt	0 - 90°
Motor Mounting	60mm connection neck mount
Suitable for motors	RM160

### Product Range - CDBR130 - Rig

Part No.	Description	Order Qty
7E-CORE-CDBR-13	CDBR130 Diamond Drilling Rig	1
<b>Accessories</b>		
7E-CORE-6230-06	Kit quick connection + screws	1
7E-CORE-6230-13	Telescopic centering device	1
7E-CORE-8481-11	Manual water pump 10 liter	1

# DIAMOND DRILLING

## Diamond Core Drill Bits - Wet Drill bits



### Diamond Tips

Ensure the correct speed is selected for the hole size and the hardness of the material being drilled. General rule:

- Smaller holes higher speed
- Larger holes lower speed

Ensure the motor has adequate power. Keep constant pressure on the core, do not force it, allow the diamonds to cut at their own pace. For best results ensure an adequate flow of water.

### Diamond Core

A comprehensive range of Diamond cores selected to meet most commonly encountered conditions.

\*Other cores are available on request to meet more demanding conditions. Please consult your Ramset™ representative for advice.

### 1/2" Core Drills - Ring



Part No.	Ø mm	Part No.	Ø mm
7E-CORE-1230-0R	12	7E-CORE-2830-0R	28
7E-CORE-1430-0R	14	7E-CORE-3030-0R	30
7E-CORE-1630-0R	16	7E-CORE-3230-0R	35
7E-CORE-1830-0R	18	7E-CORE-3530-0R	35
7E-CORE-2030-0R	20	7E-CORE-4030-0R	40
7E-CORE-2230-0R	22	7E-CORE-4530-0R	45
7E-CORE-2430-0R	24	7E-CORE-5030-0R	50
7E-CORE-2530-0R	25		

### 1/2" Core Drills



Part No.	Ø mm	Part No.	Ø mm
7E-CORE-5242-0R	52	7E-CORE-1114-2R	111
7E-CORE-5642-0R	56	7E-CORE-1164-2R	116
7E-CORE-6142-0R	61	7E-CORE-1214-2R	121
7E-CORE-6642-0R	66	7E-CORE-1264-2R	126
7E-CORE-7142-0R	71	7E-CORE-1304-2R	130
7E-CORE-7642-0R	76	7E-CORE-1404-2R	140
7E-CORE-8142-0R	81	7E-CORE-1504-2R	150
7E-CORE-9142-0R	91	7E-CORE-1604-2R	160
7E-CORE-1014-2R	101		

## Core Drill Accessories - Extension Rods



Part No.	Description
7E-CORE-6220-10	1/2" x 200mm
7E-CORE-6220-20	1/2" x 300mm
7E-CORE-6220-30	1/2" x 400mm

## Diamond Toolbox



Part No.	Description	Order Qty
7E-CORE-6222-30	Diamond Drilling Toolbox	1
	Content of Toolbox	
	- 1 x hexagonal socket wrench SW 4	
	- 1 x hexagonal socket wrench SW 5	
	- 1 x hexagonal socket wrench SW 6	
	- 1 x hexagonal socket wrench SW 8	
	- 2 x flat spanners SW 10	
	- 1 x flat spanner SW 13	
	- 2 x flat spanners SW 17	
	- 1 x flat spanner SW 22	
	- 1 x flat spanner SW 24	
	- 1 x flat spanner SW 27	
	- 1 x flat spanner SW 32	
	- 1 x flat spanner SW 41	
	Aquastop coupling dia	
	Copper Ring	
	Anchor kit prima M12	
	Sharpening stone	
	Plain rod M8 L45	
	Grease	
	Expander	
	Ramset grip	