

TRIX160 – Drilling Rig



Compatible with RM160 & RM250 Motors

The TRIX160 is a lightweight and easy to handle drilling 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

- Robust rig that enables more stable and controlled drilling
- Integrated vacuum plate
- Increases life of core bits
- Reduces drilling vibration



Specification

Height	880mm
Length	340mm
Width	250mm
Weight	12kg
Max Drill depth	850mm
Max Core Diameter	200mm
Operational Tilt	0° - 90°
Motor Mounting	60mm connection neck mount
Compatible Motors	RM160 & RM250

Product Range – TRIX160 – Drilling Rig

Part No.	Description	Order Qty
7E-CORE-TRX1-60	TRIX160 Drilling Rig	1
Accessories		
7E-CORE-6209-00	Professional Vacuum Cleaner (1600W, 50L)	1
7E-CORE-6222-20	Quick Release Connector Bolts	1
7E-CORE-6240-19	Small Water Collector	1
7E-CORE-6240-20	Membranes for Water Collector	1
7E-CORE-1727-10	10 Liter Manual Water Pump	1
7E-CORE-6222-00	Sharpening Plate	1

DIAMOND DRILLING

TRIX350 – Drilling Rig



Compatible with RM250 & RM350 Motors

A heavy-duty rig that is capable of very accurate coring up to a diameter of 350mm. The trolley system is fitted with rollers to ensure smooth operation even in the worst conditions. A simple low maintenance rig built strong enough to take a heavy work load.

Product Advantages

- Robust rig that enables more stable and controlled drilling
- Integrated vacuum plate
- Increases life of core bits
- Reduces drilling vibration



Specification

Height	1030mm
Length	400mm
Width	310mm
Weight	20kg
Max Drill depth	652mm
Max Core Diameter	350mm
Operational Tilt	0° - 45°
Compatible Motors	RM250 & RM350

Product Range – TRIX350 – Drilling Rig

Part No.	Description	Order Qty
7E-CORE-TRX3-50	TRIX350 Drilling Rig	1
Accessories		
7E-CORE-6209-00	Professional Vacuum Cleaner (1600W, 50L)	1
7E-CORE-6222-20	Quick Release Connector Bolts	1
7E-CORE-6240-22	Large Water Collector	1
7E-CORE-6240-23	Membranes for Water Collector	1
7E-CORE-1727-10	10 Liter Manual Water Pump	1
7E-CORE-6222-00	Sharpening Plate	1

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

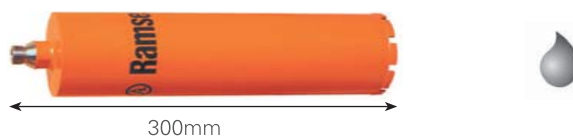
Ensure the motor has adequate power. Keep constant pressure on the core, do not force it, allow the diamonds to cut at its own pace. For best results ensure an adequate flow of water.

Diamond Core

Ramset™ Diamond Core use industrial grade diamond, which is the hardest material on earth. They are ground down into very small pieces and mixed with a metallic paste called the bond. This is what holds the diamonds in place and forms the segments or the teeth of the core bit.

Diamonds within the segments are very brittle and break several times before wearing away, this breaking constantly exposes new sharp cutting edges and it is these edges that cut the material.

1/2" BSP Thread Diamond Core Bits (Length 300mm)



Part No.	Diameter Ø mm	Compatible Drilling Motor
7E-CORE-1630-0R	16	RM160
7E-CORE-1830-0R	18	RM160
7E-CORE-2030-0R	20	RM160
7E-CORE-2430-0R	24	RM160
7E-CORE-2530-0R	25	RM160
7E-CORE-2830-0R	28	RM160
7E-CORE-3030-0R	30	RM160
7E-CORE-3230-0R	32	RM160
7E-CORE-3530-0R	35	RM160
7E-CORE-4030-0R	40	RM160
7E-CORE-4530-0R	45	RM160
7E-CORE-5030-0R	50	RM160

1 1/4" UNC Thread Diamond Core Bits (Length 420mm)



Part No.	Diameter Ø mm	Compatible Drilling Motor
7E-CORE-5145-0Q	52	RM250 & RM350
7E-CORE-5645-0R	56	RM250 & RM350
7E-CORE-1014-5Q	102	RM250 & RM350
7E-CORE-1264-5Q	126	RM250 & RM350
7E-CORE-1314-5Q	132	RM250 & RM350
7E-CORE-1514-5Q	152	RM250 & RM350
7E-CORE-1614-5Q	162	RM250 & RM350
7E-CORE-1814-5Q	182	RM250 & RM350
7E-CORE-2004-5Q	202	RM250 & RM350
7E-CORE-2304-5Q	232	RM250 & RM350
7E-CORE-2504-5Q	252	RM250 & RM350
7E-CORE-3004-5Q	302	RM350
7E-CORE-3504-5Q	352	RM350

DIAMOND DRILLING

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	