

# Coring System consisting of: Customised Mini Radial Arm Drilling Machine

**ErgoTech**  
Technoleg ac Arloesedd

**ErgoTech**

Geo Engineering Instrumentation

Core Analysis  
Petrophysics  
Rock Mechanics  
Rock Physics

ErgoTech Ltd  
Unit 3  
Cae Ffwrt Business Park  
Glan Conwy  
Conwy LL28 5SP  
United Kingdom



Website: [www.ergotech.co.uk](http://www.ergotech.co.uk)

e-mail: [info@ergotech.co.uk](mailto:info@ergotech.co.uk)

Tel: +44 (0) 1492 592 684

Fax: +44 (0) 1492 592 685

This easy to use Radial Drilling machine is the smallest in our range, and is designed for those environments where space is at a premium. Its compact design makes it suitable for rock coring sample preparation rooms.

## Standard Equipment

**And Features:** Easy to change Stepped pulley head, Box table, Heavy duty stand, Spanners, Keys Wrench, Ejection drift, drawbar. The equipment is supplied with a high quality universal Whole Core holding jig (not shown) for core size  $\varnothing 2.625'' - 5.25''$  and lengths 500mm / 34.5" (Note: maximum cross travel in single mounting: 380mm / 15")

**Safety Features:** The machine is fitted with No volt release and overload protection with emergency stop button. The machine is supplied with chuck guard for operator safety and a removable polycarbonate splash guard (not shown)

<b>Specifications:</b>	Motor		1.5Hp
	Spindle speeds	(standard)	300 – 2600 rpm
		(optional with 2 speed motor)	145 – 2600 rpm
	Spindle taper		3 MT
	Spindle stroke		130mm
	Swing		920mm
	Working Table		550 x 500mm
	Cross travel of spindle		380mm
	Column Dia.		115mm
	Machine weight		285Kg
	Working Capacity	Cast Iron	32mm
		Steel	32mm
		Tapping	22mm



## Coring System consisting of: Customised Mini Radial Arm Drilling Machine

**ErgoTech**  
Technoleg ac Arloesedd

**ErgoTech**

Geo Engineering Instrumentation

Core Analysis  
Petrophysics  
Rock Mechanics  
Rock Physics

ErgoTech Ltd  
Unit 3  
Cae Ffwrt Business Park  
Glan Conwy  
Conwy LL28 5SP  
United Kingdom



Website: [www.ergotech.co.uk](http://www.ergotech.co.uk)

e-mail: [info@ergotech.co.uk](mailto:info@ergotech.co.uk)

Tel: +44 (0) 1492 592 684

Fax: +44 (0) 1492 592 685

### 2.0 Optional Equipment:-

#### 2.1 Diamond Core Barrel for Ø1.5" / 38.1mm plugs

- with a length of 150mm
- Internal Diameter 38.1mm
- External Diameter 45mm
- Half inch BSP (M) back end Belgian fitting
- Morse taper no 2

#### 2.2 Diamond Core Barrel for Ø1.0" / 25.4mm plugs

- with a length of 150mm
- Internal Diameter 25.4 mm
- External Diameter 32mm
- Half inch BSP (M) back end Belgian fitting
- Morse taper no 2

#### 2.3 Liquid Nitrogen Swivel 1/8" BSP Belgian Fitting & Morse Taper 2

2.3.1 – Spare L.T. Seals for Liquid Nitrogen Swivel

#### 2.4 Water Swivel – 1/8" BSP Belgian Fitting & Morse Taper 2

#### 2.5 Optional 2 speed motor

#### 2.6 Coolant equipment including tank, pump & fittings

#### 2.7 125mm machine vice with swivel base

#### 2.8 150mm machine vice with swivel base

