



CRT-T1 Towable Core Drilling Machine

CRT-T1

Rugged, compact, manoeuvrable coring trailer which outperforms all manually fed or direct engine driven machines.

To carry out any form of testing straight & clean sided core samples are required. Vibration of a diamond core drill during the coring process will result in a badly finished core that will need to be 'dressed' before any meaningful testing can be carried out. In addition, vibration of a core drill will also quickly damage the diamond cutting face by erosion of the individual diamonds resulting in rapid wear rates. Coring should always be carried out using a rigid, stable & vibration free operating platform to ensure the integrity of core samples. Cooper Technology's CRT-T1 Towable Core Drilling Machine is a self contained hydraulically driven diamond drilling trailer for taking core samples in roads or airport runways with concrete or asphalt surfaces.

Key Features

- 10 hours of normal working is possible with the 30 litres fuel tank & 500 litre water tank.
- Drill depths of 650mm as standard with extension bars for deeper drilling.
- Up to 600mm diameter core drills
- Diesel or Petrol engine
- 'Proportional' feed system allows fast & safe coring even through steel reinforcement bars.
- 'Automatic' Soft Start Drilling feature ideal for in-experienced operators.
- 'Two-function' Emergency Stop prevents any run-on of the drill whilst the engine is stopping.
- Power take-off facility for driving a hydraulic road breaker or hydraulic tamper.
- Unladen weight 980 Kgs, laden weight 1480 Kgs.
- 103 dB Maximum noise level.
- Can be towed in the UK using a commercial vehicle with a minimum GLW of +1500 Kgs.
- Hydraulic operated rear stabiliser foot
- Manual or hydraulic operated front stabilisers
- Two speed drill motor control
- 50mm tow hitch & over-run brake
- Rear stabilizer foot control

Accessories

Accessories / optional extras are not included in the price of main device (unless stated otherwise) and may be purchased separately if required.

Drill spacers for large diameter core drills

Hydraulic front stabilizers / Power take-off

Operator safety guarding / Single or Two-speed hydraulic drill motors
Low vibration hydraulic tamper / Adjustable height tow hitch
Mast mounted warning beacon / Wheeled front stabilizers

Specifications

Technical specifications are subject to change without notice.

Engine	20kW Kohler Diesel or 15 kW Honda Petrol engine	
Fuel Tank	30 litres (Sufficient for 10 hours of normal working)	
Water pump	12v D.C on board	Water tank 500 litres
Hydraulic reservoir	70 litres capacity	
Hydraulic PTO	20 litres /min @ 200 bar or 150 bar	
Suspension / Tyres	Torsion bar (EEC.Spec) / Tyres 175 R	
Suspension / Tyres	'Alko' EEC approved running gear with 13 x 145R tyres	
Drill Diameter	Up to 250mm in concrete or asphalt	
Drill Capacity	Up to 600mm diameter	
Tow Hitch mm	50 (60 - 65 Kg Nose Weight - Fully Laden)	
Height in Transport mm	Standard Mast 2050	
Dimensions (L x D x H) mm	3300 x 1750 x 1830	
Weight (approx.) Kg	4980 Kg - Unladen 1480 Kg - Laden	

Maintenance

Annual Service and Maintenance Contracts are available for this device. Please enquire for further details. Note: This device should be checked and calibrated annually.

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