

# Core Drilling Equipment

CS-SCM, CS-MCT, CS-HCT

## INTRODUCTION

To carry out any form of testing requires straight & clean sided core samples. 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 platforms to ensure the integrity of core samples.

## ONE MAN ON-SITE CORE DRILLING MACHINE

CS-SCM

### KEY FEATURES

- Gas engine 5.0KW
- Drill diameters up to 200 mm (7.8 inch)
- Drill depths up to 450 mm (23.6 inch)
- Hand fed drill feed allows for safe coring even through steel re-inforcement bars.
- Wide variety of drill motor options
- Fits into a small commercial van or medium size estate car
- Water capacity 25 litres (6.6 gal)
- Platform is operator stabilized
- Power take-off facility for driving a hydraulic road breaker or hydraulic tamper
- Conforms to AASHTO T 24



## MEDIUM DUTY CORE DRILLING TRAILERS

CS-MCT-P Medium Duty Core Drilling Trailer - Gas Engine Version

CS-MCT-D Medium Duty Core Drilling Trailer - Diesel Engine Version

### KEY FEATURES

- 4 to 5 hours of normal working is possible with 10 litre (10.6 gal) fuel tank & 200 litre (52.8 gal) water tank
- Drill diameters up to 400 mm (15.7 inch)
- Drill depths of up to 650mm (23.6 inch) as standard with extension kits for deeper drilling
- Hand fed drill allows for safe coring even through steel re-inforcement bars
- 103 dB maximum noise level
- Power take-off facility for driving a hydraulic road breaker or hydraulic tamper



## HEAVY DUTY CORE DRILLING TRAILERS

CS-HCT-P15-400\_1 Heavy Duty Core Drilling Trailer - Gas Engine Version 1 - Speed Drill

CS-HCT-P15-400\_2 Heavy Duty Core Drilling Trailer - Gas Engine Version 2 - Speed Drill

CS-HCT-D20-600\_1 Heavy Duty Core Drilling Trailer - Diesel Engine Version 1 - Speed Drill

CS-HCT-D20-600\_2 Heavy Duty Core Drilling Trailer - Diesel Engine Version 2 - Speed Drill

### KEY FEATURES

- 10 hours of normal working is possible with the 27 litres (7 gal) fuel tank & 400 (105.6 gal) litre water tank
- Drill depths of 600 mm (23.62 inch) or 1000 mm (39.3 inch) as standard with extension bars for deeper drilling
- Proportional' feed system allows fast & safe coring even through steel re-inforcement 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
- 103 dB Maximum noise level



# Core Drilling Equipment

CS-T4-DCT, CS-LABDRIL-H, CS-LABDRIL-E

## T4 DEDICATED CORING TRAILER

CS-T4 -DTC-P Dedicated Coring Trailer- Gas Engine Version

CS-T4 -DTC-D Dedicated Coring Trailer- Diesel Engine Version

### KEY FEATURES

- Lightweight Coring Trailer with approved total weight less than 740 Kgs (1631 lbs)
- Remote control provides maximum operator safety and ease of operation
- Simple Three Button Control complete with E-Button
- 'Proportional' feed system with simple indicator lights allows for fast & safe coring
- 'Automatic' Soft Start Drilling extends core barrel life & is ideal for in-experienced operators
- 5 hours of normal working is possible with the 7 litres (1.8 gal) fuel tank & 210 litre (55.4 gal) water tank
- Drill depths of 600 mm (23.6 inch) as standard with extension bars for deeper drilling
- Drill diameters up to 250 mm (9.8 inch)
- 94 dB Maximum noise level
- PTO facility suitable for operation of hydraulic tools / tamper.



CS-LABDRIL-H

### LABORATORY DRILL STANDS

CS-LABDRIL-H Hydraulic Laboratory Drill Stand

CS-LABDRIL - E Electric Laboratory Drill Stand

### KEY FEATURES

- Petrol engine 5.2KW hydraulic version, 2KW Electrical version
- Rigid floor fixing and water swivel that ensures flow of coolant to drill tips
- Drill diameters up to 110 mm (4.3 inch)
- Drill depths up to 500 mm (19.6 inch)
- Wide variety of hydraulic or electrical drill motor options
- Electrically pumped water feed is available when using a hydraulic drill motor
- All units supplied with water swivel
- Platform allows for rigid floor mounting



CS-LABDRIL-E