



# MD-300 Core Mobility



The **NEW MD-300** with the fully maneuverable Traversacor™ core-zone extension system (Patented) allows the core drill to extend up to 12" out from the back of the truck and travel the full width of the deck, giving the crew the flexibility to core anywhere within a 24 square foot area behind the truck without repositioning the vehicle. More than 100 cu ft of optional on-deck and under-deck storage help make this unit Job Ready.

*The cutting edge in keyhole technologies™*

# MD 300 Coring Unit - Specifications

## Understructure:

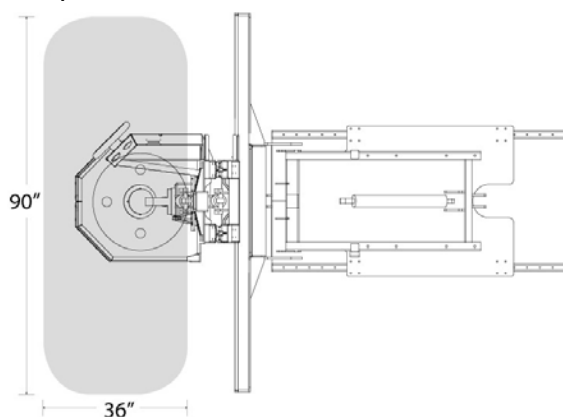
6" @ 10.5lb/ft structural channel sills, running the full deck length with six bolt-on hold-down assemblies.

## Decking:

Full 1/8" decking, 96" wide, running the full length of the bed with formed structural deck reinforcements.

## Coring and Manipulator Assembly:

Fully manoeuvrable, multi-directional, Traversacor™ core-zone extension system (Patented). Core drill can move in-and-out up to 12" off the back of the truck and side to side 90" across the width of the truck to allow crew to core anywhere in 24 sq. ft. area without repositioning the vehicle. Accommodates 12" to 24" diameter wet drilling core bits. Features linear glide system and proportional orbital hydraulic drum feed system for ease of operation.



Fully manoeuvrable Traversacor™ core-zone extension system

## Water system:

100 USG plastic water tank. Hydraulically driven high-pressure water pump, 5.5 G.P.M. @ 1500 P.S.I. with 15 ft of 3/8" hose and high-pressure handgun. Electric water pump, 3 G.P.M. @ 30 P.S.I. and includes 1/2" diameter water hose running to gland assembly on cutter drive shaft for cooling of cutter head and additional hose for cleaning and cooling outside of cutter.

## Stabilizers:

Two rear mounted hydraulic stabilizers.

## Drive system:

Power take-off installed on truck transmission.

## Hydraulic System:

Hydraulic load sense pump, drive line mounted to PTO with MH3 HydraPak hydraulic cooling system complete with 15 gallon hydraulic reservoir. Includes suction and return lines, sight glass, temperature gauge, fill port, drain port and oil filter.

## Control System:

Plug in remote pendant control with 15 foot cable extension for operation of manipulator/cutter assembly and stabilizers, with boom-mounted control panel emergency shutdown switch, and digital coring drum R.P.M. read out.

## Optional Storage:

- Five Lockable Aluminum Storage Compartments: (approx. 108 cu ft in total): Two 84"x20"x20" under deck long-handled tool storage boxes with bottom hinged doors; Two 84"x36"x18" deck mounted, twin compartment, general storage boxes with adjustable shelving and side hinged doors; One 32"x17"x18" deck mounted box with side hinged doors. Other custom options available.
- Slide-master slide out storage tray with 2000 lbs. distributed weight capacity. (30" x 70")

## Standard:

- Spare core drum holder
- Dual LED flashing amber strobe lights
- Heavy core extraction package
- Deck mounted general storage

## Paint:

Sand blasted, powder coated primer and finish coat. (50% gloss black)

## Basic Coring Package (extra):

12", 18" or 24" diameter ProCor diamond segment coring drum with "A" flange drive adapter, steel pilot shaft, bi-cone pilot bit or tri-tooth carbide pilot bit, pavement protection impact plate, standard core-puller, and Utilibond mixing paddle.

## Required Vehicle Specifications:

- FORD F 450 or F550 4x2 Chassis Cab (or equivalent)
- Wheelbase: 189"
- Cab to Axel: 108"
- Rear Overhang (AF): 47.5"
- 99R: 6.4L V-8 Diesel or Gas Engine
- 44B: Torqshift 5-speed Auto Transmission
- 62R: Transmission PTO Provision

## Coring Unit Weight:

- Weight (water tank empty): 7500 lbs.
- Weight (water tank full): 8300 lbs.

## Capacities:

- Water Tank: 100 Gallons
- Drum Speed: 0 - 280 RPM
- Coring Drum Diameter: up to 24"
- Coring Drum Depth: up to 22"

## Available Coring Unit Options:

- "Stabilizer Deployed" warning system
- Inverter: DC/AC 3000 watt, sine wave
- Slide out storage tray (30" x 70")
- Core Hoist, 500 lbs. capacity
- Cold weather winterizing system
- Towing, heavy duty towing package (30,000 lbs.)
- Deck and under-deck mounted storage