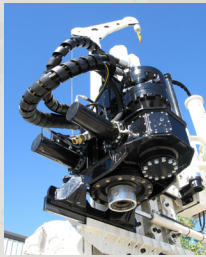


## Geoprobe® Model 8040DT

### Geoprobe® Advanced CB8 Combo Head:

- Centerline Side Shift Design for tooling access
- Single Location for Direct Push & Rotary use
- Two Speed Auger System w/ variable rotation
- Patented Integrated Hydraulic Rod Clamp for tooling removal



### Proven 40 Chassis Design

- Integrated Frame Rail System for optional features
- Rear Stabilizer blade and drop rack tooling systems
- Easy Engine Access for general maintenance & repair
- Maneuvered w/ wireless or tethered remote systems
- Mast & Winch System w/ optional extension & second winch line
- Optional Rotational Safety Cage (CE & UK Compliant)
- Four Auxiliary Hydraulic ports support optional accessories



### Swing-Arm Control Panel w/ Advanced Diagnostics System

- Variable Location Control Panel per operator preference & Safety
- Digital Display Screen w/ multi-function output
- Electric over Hydraulic System
- Advanced Warning display screens for operator & equipment safety
- Variable Speed controls for drilling operations



### Optional Features:

- DH101 Auto Drop Hammer
- 8" PullBack Breakout System
- Side Port Swivel
- GP50 Pressure Washer
- 3L6 Moyno Pump
- Side Storage Box
- FMC Triplex Pump
- Hose Pump (SPX 40)
- Secondary Winch
- Interlocked Rotation Guard



\*Request our Options Brochure for 40 series machines...!



**Auto Drop Hammer (Left) for geotechnical sampling**

**The GP50 pressure washer module and small storage tool box (right)**

### Model 8040DT Specifications

Weight (standard machine)	17,500 lb.	7,938 kg
Width	80 in.	2,032 mm
Length (folded)	176 in.	4,470 mm
Length (unfolded)	190 in.	4,826 mm
Height (folded)	99 in.	2,515 mm
Height (unfolded - winch mast down)	153 in.	3,886 mm
Height (unfolded - winch mast up)	232 in.	5,893 mm
Extension (fore and aft)	15 in.	381 mm
Lateral Swing		±8 degrees
Oscillation		±10 degrees
Vertical Travel (CB8 Combo Head)	84 in.	2,134 mm
Side Shift Travel (CB8 Combo Head)	26 in.	660 mm
Head Feed Speed (down)	32 ft/min	10 m/min
Head Feed Speed (up - no Regen)	26 ft/min	8 m/min
Head Feed Speed (up - Regen)	63 ft/min	19 m/min
Down Force	59,000 lb.	262 kN
Retraction Force	80,000 lb.	356 kN
Percussion Hammer System		GH80
Percussion Hammer Rate		32 Hz
Torque (high torque/low speed)	6,000 ft-lb.	8,135 N-m
Torque (low torque/high speed)	3,000 ft-lb.	4,067 N-m
Rotation speed (low speed/high torque)		0 - 100 rpm
Rotation speed (high speed/low torque)		0 - 200 rpm
Fuel Capacity (diesel)	40 gal.	151 L
Engine (diesel)	CAT®, 4-cylinder turbocharged	
Engine Power	120 hp	90 kW
Surface Load Pressure (standard machine)	6.8 psi	47 kPa
Hydraulic Oil Reservoir	55 gal.	208 L
Hydraulic Flow (max)	100 gpm	379 Lpm
Hydraulic System Pressure (max)	4,000 psi	276 bar
Auxiliary Hydraulic Outlets Flow	0 - 12 gpm	0 - 45 Lpm
Auxiliary Hydraulic Outlet Pressure	3,000 psi	207 bar
Winch Pull Back	2,500 lb.	1,134 kg
Winch Line Speed	0 - 140 fpm	0 - 43 mpm
Winch Mast Stroke	63 in.	1,600 mm
Ground Speed	3.0 mph	4.8 kph

