

Section 2.0 SPECIFICATIONS

Specifications for the Geoprobe® Model 6620DT are provided in this section. Refer to Table 2.1 below and Figures 2.1-2.4 on Pages 6 and 7 for unit dimensions, capacities, and performance ratings.

Table 2.1: Selected specifications for the Geoprobe® Model 6620DT.

Engine Type	Kubota 4-Cylinder Turbo Diesel	
Engine Horsepower	54 hp @ 2800 RPM	
Unit Weight	6,100 lb.	2767 kg
Transport Height	89 in.	2261 mm
Transport Width	60 in.	1524 mm
Transport Length	96 in.	2438 mm
Lateral Movement	33 in.	838 mm
Foot Travel	39 in.	991 mm
Probe Extension	15 in.	381 mm
Probe Cylinder Stroke	66 in.	1676 mm
Probe Cylinder Diameter	5 in.	127 mm
Down Force (maximum)	35,000 lb.	160 kN
Retraction Force	47,000 lb.	214 kN
Hydraulic Pressure (maximum)	2,850 psi	196 bar
Hydraulic Flow Rate	30 gpm	114 L/min
Hammer System	GH60	
Percussion Rate	32 Hz	
Rotation Rate (bidirectional)	240 RPM	
Rotation Torque	560 ft. lb.	759 Nm
Outrigger Extension	16 in.	406 mm
Fuel Capacity (diesel)	15 gal.	57 L
Cooling System	Liquid	

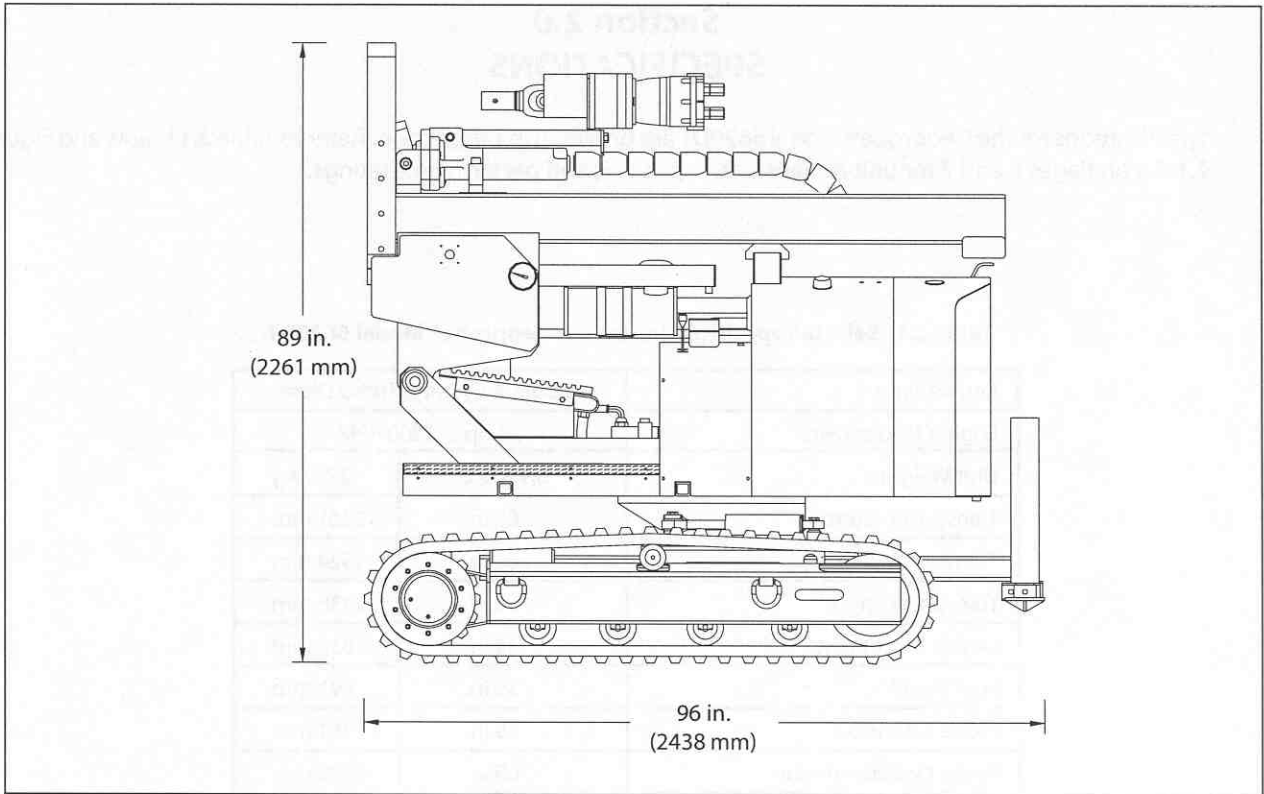


Figure 2.1: Geoprobe® Model 6620DT -- Probe derrick folded for transport, side view.

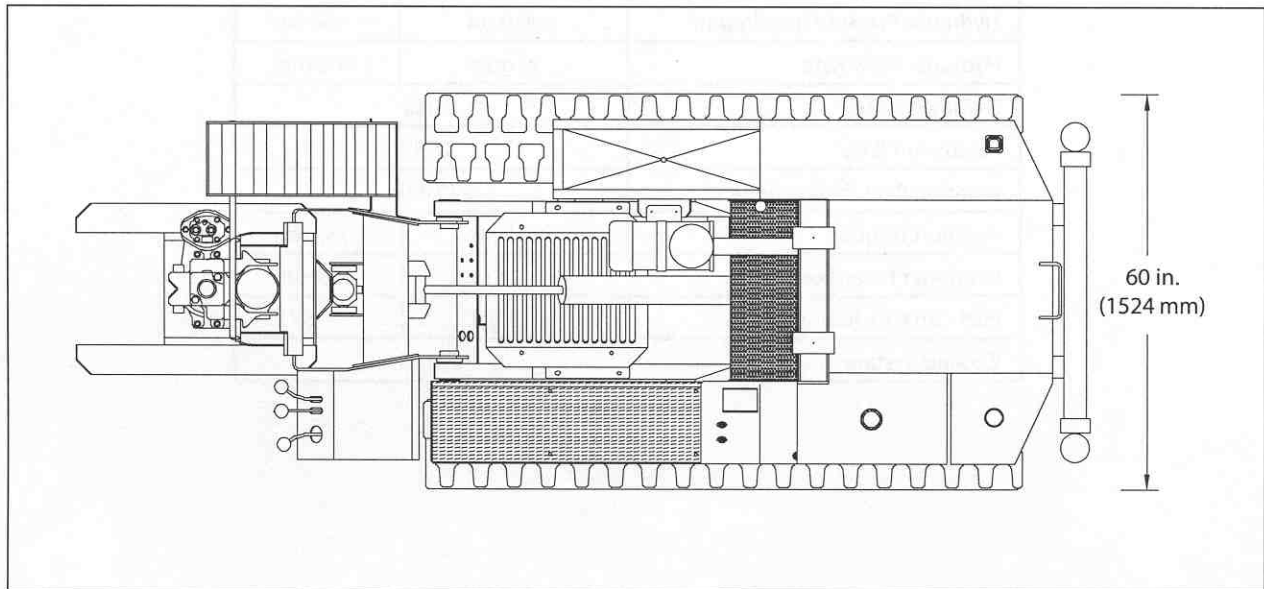


Figure 2.2: Geoprobe® Model 6620DT -- Probe derrick unfolded, top view.

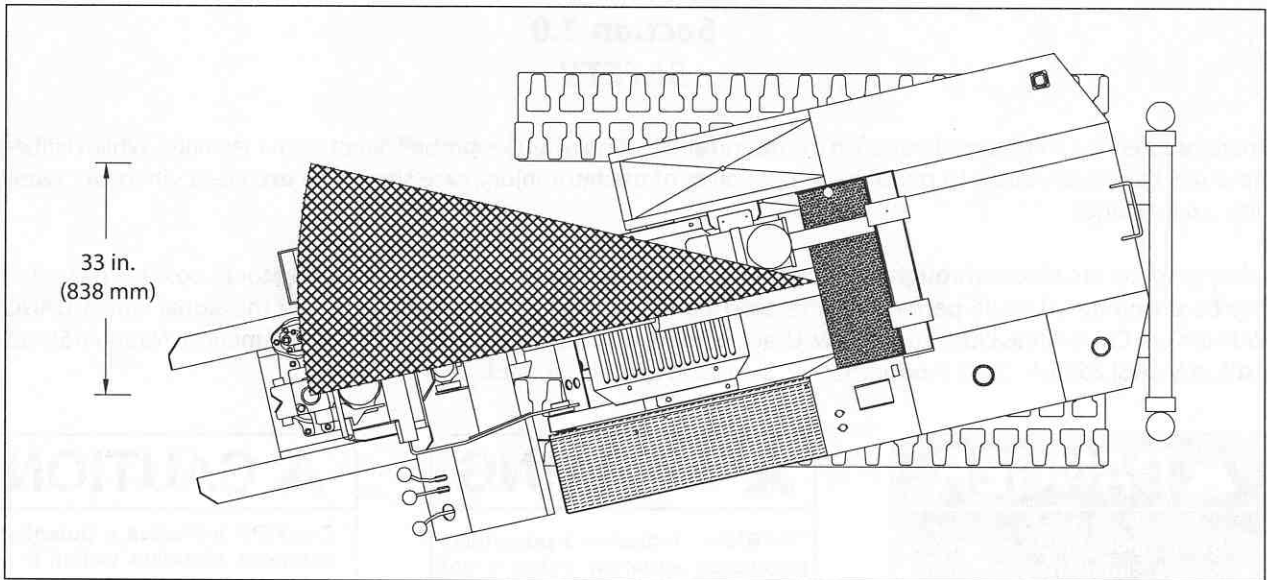


Figure 2.3: Geoprobe® Model 6620DT -- Probe derrick unfolded, top view, approximate swing range highlighted.

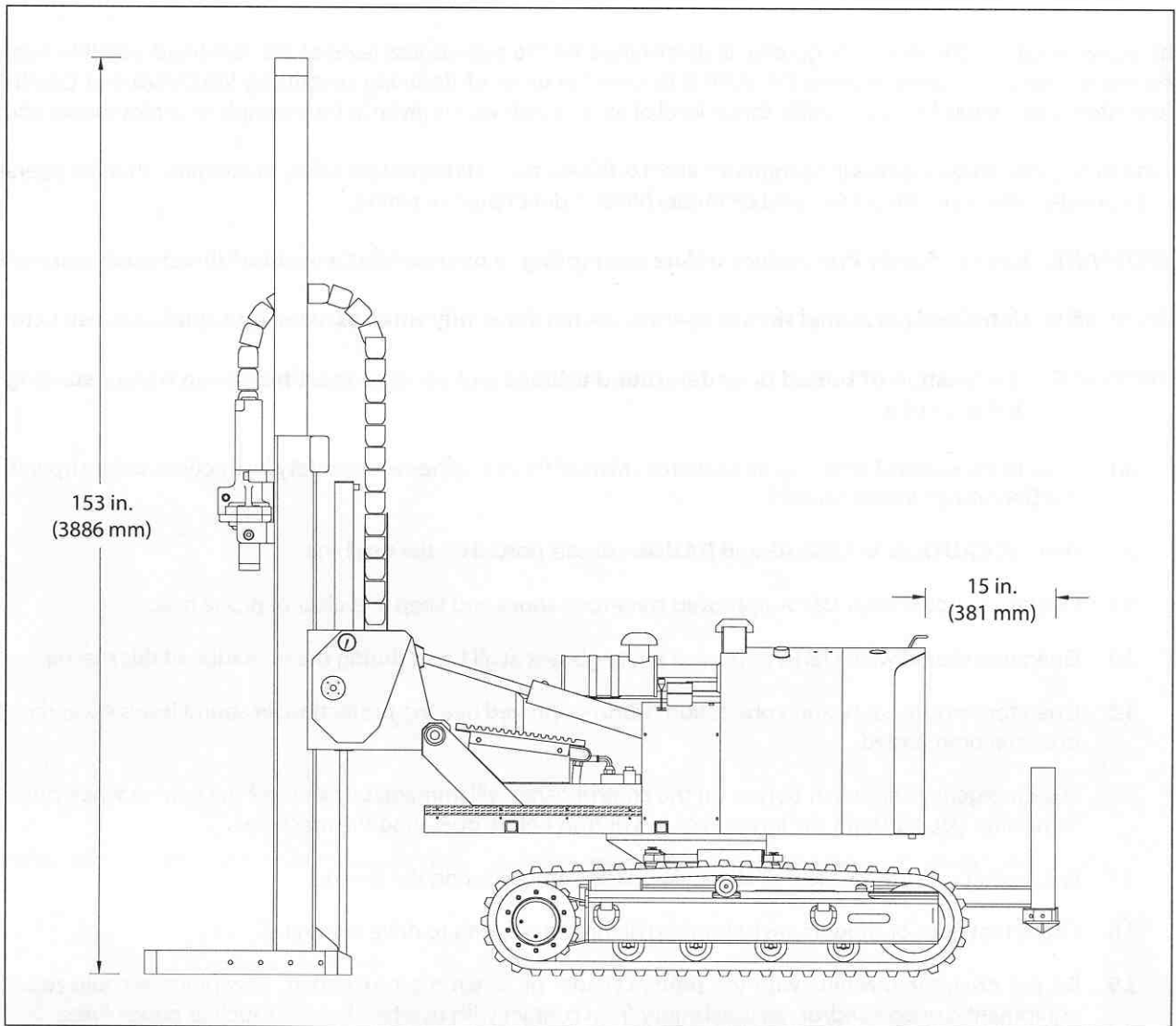


Figure 2.4. Geoprobe® Model 6620DT -- Probe derrick unfolded, fully raised and extended, side view.