

MicroDrill 510



MD-510

Geothermal Rigs

Retrofitting homes to ground source heat pump systems is now possible with the compact and powerful MD-510.

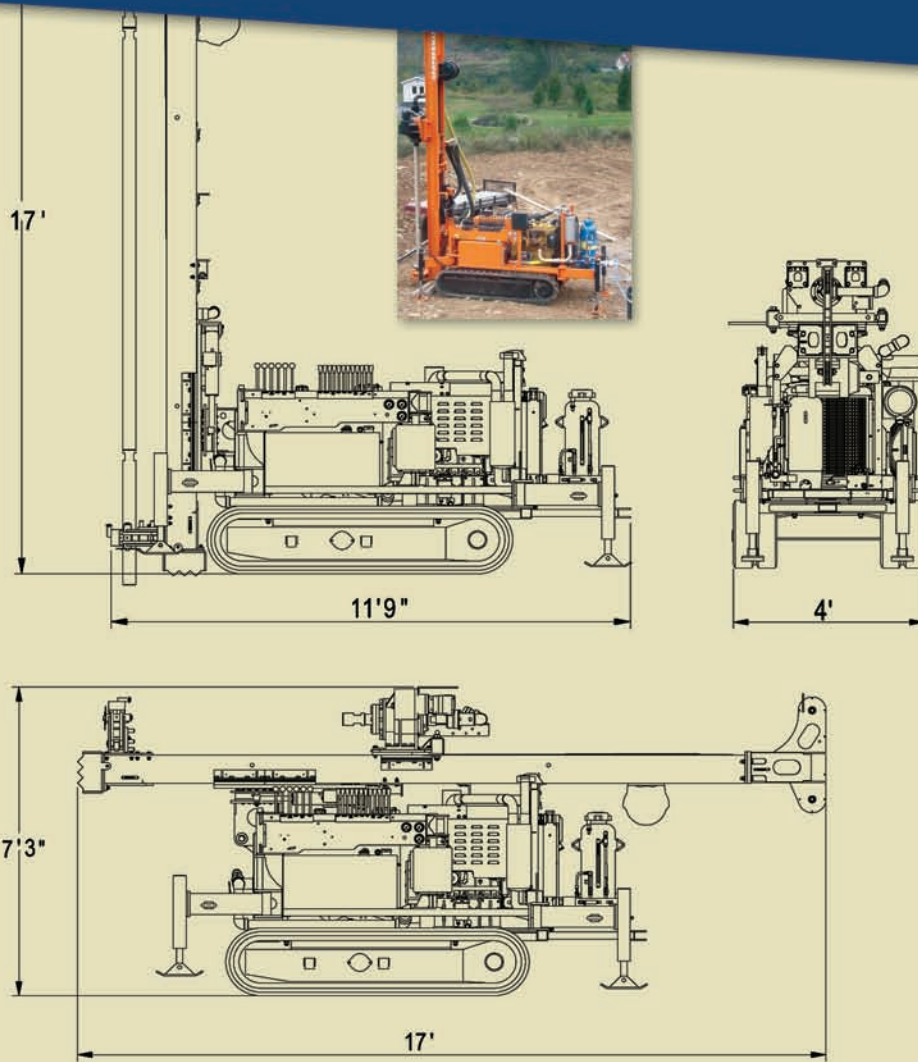
Watson is bringing Green Power Technology to more applications with the MicroDrill Advantage™.



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MicroDrill Info



Features:

- Two-speed high-torque rotary
- 12 ft (3.6 m) rotary stroke for 10 ft rods
- 2,200 lb auxiliary winch for rod and tool handling
- Swing-out operator's control panel
- Mast mounted work lights
- Three position swing-out stabilizer jacks
- Hydraulic break-out for rod disconnect
- 90 hp diesel engine provides power for drilling to depths of 500+ feet
- A compact frame that simplifies the mobilization to and from job sites and provides superior maneuverability
- Rubberized track pads to prevent damage to finished concrete surfaces
- Adjustable down feed & hold-back systems
- Power break out at the drill table
- Rotary slide provides open access capabilities to the bore hole for the ease of rod and tool handling and for installation of ground loops.

Options:

- Versatility for drilling in either conventional air or mud rotary drilling applications
- A combination water injection/wash down pump and DTH lubricator

Specifications:	SAE UNITS	ISO
Weight	10,000 lbs	4,545 kg
Height (drill position)	18 ft 4 in	5.6 m
Height (travel position)	6 ft 8 in	2.0 m
Width	4 ft	1.22 m
Length (drill position)	9 ft 4 in	2.8 m
Pull-back capacity	20,250 lbs	90 kN
Crowd (down-force)	10,000 lbs	44.5 kN
Rotary torque	4,800 ft lb	6.5 kNm
Rotary speed	115 rpm	115 rpm
Engine - 3.8 liter diesel	90 hp	70 kw

Specifications subject to change depending on configuration.



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