



Rig 514

Morooka MST 800 with attached Diedrich D 50 Mechanical Drill. The Drill is a multi purpose Rig capable of many different drilling styles. DROPs Certified

Options: *Wiggle Tail, Deck Slide, Half Mast Capable, Arctic Cold Weather Package, Rear Upright Auger Rack, Front Mount Auger Rack, Heated Enclosed Cab, Heated (Glove Heater/PPE Tool Box), Heated 1m3 Water Tank, 140LB Diedrich Auto Hammer, 3 Hoist Winches.*

Drilling Styles: *Solid & Hollow Stem Auger, ODEX, Air Rotary, Rock Coring NQ, NQ3, HQ, HQ3, Mud Rotary*

Sampling Types: *CFA (Continuous Flight Auger), SPT, Dynamic Cone, Shelby Samples, H-Series Packer Testing, Vane Shear, Piston Sampling, Laskey, N-H Core, CPT*



Weights & Dimensions

Overall Weight – **13,000 Kg** Ground Pressure – **7 PSI**

Travel Height – **3.5m** Overall Width – **2.48m**

Mast Up Height – **7.8m** Half Mast Height – **6.1m**

Track Length – **3.7m** Track Width – **0.6m**

Overall Travel Length – **7m** Max Speed – **12km/Hr**

Drill Specifications

Power Source – **4 Cylinder Tier 4 @ 121HP**

Torque – **High 17,550 Ft/Lbs, Low 9097 Ft/Lbs**

Spindle Bore – **3.5”**

Pull Down Force – **17,450 Lbs**

Pull Back Force – **25, 515 Lbs**

Clutch System – **13”**

Transmission – **Helical Gear, 4 Forward + Reverse**