

TR-14 HIGH PERFORMANCE DRILL

The McCloskey TR-14 Horizontal Drill Rig sets a new standard in HDD with the most torque and horsepower with the smallest footprint in its class.

With an advanced electric hydraulic system the TR-14 delivers more horsepower to the ground, better fuel efficiency, and guarantees 14,000 lbs of thrust/pullback while simultaneously delivering 1600 ft lbs of rotation.

The TR-14 features a fully featured microcomputer supporting internet, and satellite communications. Interactive diagnostics automatically alert operators of service and supply needs and can order parts or schedule maintenance.

Combining brains and brawn, the rugged and reliable TR-14 is ready to tackle your toughest jobs.



Advanced Technology

Protected in a rugged and impact-resistant case, the fully featured microcomputer supports internet and satellite communications.



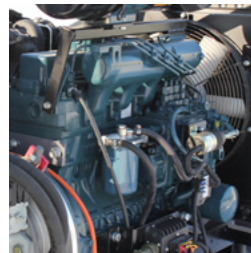
Self-Diagnostics

Interactive diagnostics automatically alert operators to service and supply needs and can order parts and regularly schedule maintenance.



Highly Manoeuvrable

With an overall width of only 48.25 inches, the TR-14 is one of the smallest rigs on the market at its rated thrust/pullback and rotary torque.



Power Unit

Powerful 55 Hp Kubota engine and innovative hydraulic system provides significant improvements in fuel economy.



DCI Locating System

Multiple transmitter options in five frequencies to help overcome jobsite interference better than ever, at depths of up to 90 ft. (27.4 m).

| | |
|-------------------------------------|---------------------------------|
| TR-14 | Transport Height: 64.5" (1.64m) |
| | Transport Length: 145" (3.68m) |
| Engine: 55 Hp | Transport Width: 48.25" (1.23m) |
| Thrust/Pullback: 14,000 lbs (6.35T) | Weight: 5,360 lbs (2,431 kg) |

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McCloskey TR-14 SPECIFICATIONS

| General Dimensions and Weights | | |
|--|-------------------|---------------|
| Length (Minimum Transport) | 145" | 3.68m |
| Width (Minimum Transport) | 48.25" | 1.23m |
| Height (Minimum Transport) | 64.5" | 1.64m |
| Weight | 5,360 lbs | 2431 kg |
| Angle of Approach | 0 to 20 degrees | |
| Angle of Departure | 0 to 20 degrees | |
| Engine | | |
| Make and Model | V2403 MTG | |
| Fuel Type | Diesel | |
| Maximum Engine RPM | 2700 RPM | |
| Horsepower | 55 Hp | |
| Torque (Maximum) | N/A | |
| Displacement | 2.434 | 148.53 cu in |
| Number of Cylinders | 4 | |
| Cooling Method | Fan and radiator | |
| Aspiration | Turbo Charged | |
| EPA Certification Family | Tier 4 | EU STAG III B |
| Operational | | |
| Thrust | 14,000 lbs | 6.35 T |
| Pullback | 14,000 lbs | 6.35 T |
| Maximum Carriage Speed at Maximum Engine RPM | 65 fpm | 18 m/min |
| Maximum Spindle Torque (Low at Maximum Engine RPM) | 1600 ft-lbs | 2200 n-m |
| Maximum Spindle Speed at Max Engine RPM | 150 RPM | |
| Minimum Bore Diameter | 2.5" | 63.5 mm |
| Maximum Ground Drive Speed at Maximum Engine RPM | 4 mph | 6.43 km/h |
| Drill Rack Angle | 23 degrees | |
| Electrical System | | |
| Voltage | 12 V | |
| Battery CCA Rating | 750 | |
| Fluid Capacities | | |
| Fuel Tank | 22 US gal | 83.28 L |
| Engine Crankcase with Filter | N/A | |
| Hydraulic Tank | 14 gal | 53 L |
| Engine Cooling System | Liquid | |
| Drilling Fluid System Option One | | |
| Maximum Flow | 15 GPM | |
| Maximum Pressure | 1500 psi | 103 BAR |
| Features | | |
| Breakout System | Cylinder Operated | |
| Drilling Lights | 2 Halogen | |
| Flow Indicator | LCD | |
| Stakedown System | Dual Auger | |
| Strike Alert | Yes | |
| Remote Lockout | Yes | |