

MODEL

550

ENGINE

MAKE AND MODEL	Tecumseh V-70
HORSEPOWER	7 (5220 W)
DISPLACEMENT	15.0 cu. in. (246 cu. cm)
MUFFLER	Lo Tone
STARTER	Hand Rewind
FUEL	Gasoline, Regular or Unleaded Grade
SPARK PLUG	Resistor Type

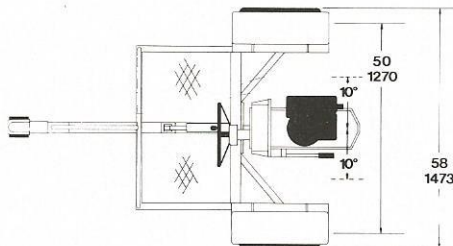
TRANSMISSION

TYPE	Enclosed, Oil Lubricated, Spur Gear Reduction
MAX DRILLING TORQUE	281 ft. lbs. (381 N.m)
AUGER RPM @ 3600 RPM ENGINE SPEED	144
AUGER ROTATION DIRECTION	Clockwise
CLUTCH	Automatic, Centrifugal, All Metal, Slips on Overload
DRIVESHAFT CONNECTION TO AUGER	1-3/8" (35mm) Hexagon

GENERAL

CRADLE	Unitized Welded Plate Steel, Cast Iron Track Rollers with Sealed Ball Bearings. Optional Swing Cradle Designed for Auger Hoisting and Soil Engineering Work.
MAST	Unitized Welded Channel and Plate Structure. Mast Tilts 10° on Lateral Axis, 15° on Longitudinal Axis, off Center.
FRAME	Welded Structural Steel Tubing with Expanded Steel Operator's Platform
TRAILER HITCH	SAE Class II. Adjustable from 1 7/8" (48 mm) to 2" (51 mm) Ball Size. Safety Chains Included as Standard Equipment.
TIRES	20.5/8.0-10 High Speed Flotation

All specifications are general in nature and are not intended for specific application purposes. Equipment Company reserves the right to make changes in design, engineering or specifications and to add improvements or discontinue manufacturing at any time without notice or obligation. Consult applicable operator's manual before utilizing. The 550 DIG-R-MOBILE is not designed to drive earth anchoring devices. Auger and auger extensions are not designed to be utilized as anchoring devices. Refer to OSHA 2207 and/or current revisions for specific safety information.



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OPERATOR CONTROLS

16" (406 mm) Hand Wheel Raises and Lowers Cradle through Double Chain Reduction. Brake Holds Cradle in Position on Mast. Brake Automatically Engages When Lever is Released. Twist Grip Throttle on Brake Lever Controls Engine Speed.

AUGER GUIDE

Restricts Auger Movement During Start of Drilling Process

UNIVERSAL JOINT

Absorbs Side Loads Imposed on Transmission Driveshaft During Drilling Process

TIE DOWN KIT

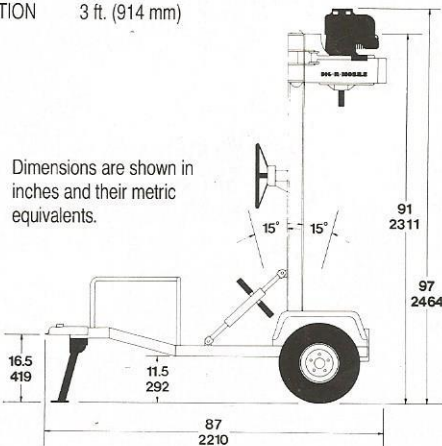
Steel Drive Anchors and Link Chain Permit Anchoring Machine as Drilling Conditions Require. Included as Standard Equipment.

BASE UNIT WEIGHT

750 lbs. (341 kg)

Standard construction augers feature abrasion resistant helicoid flighting designed to throw cuttings toward the auger axle, thus minimizing clogging and auger drag. Auger flighting pitch is set to produce optimum cutting conveyance with minimum power required. Standard construction augers feature Pengo® type boring heads. Wear parts are field replaceable. Hollow stem augers and other soil engineering accessories are available for use with the 550 DIG-R-MOBILE. Contact your dealer or the factory for additional information.

STANDARD CONSTRUCTION AUGER DIAMETERS	2" (51 mm) 3" (76 mm) 4" (102 mm) 6" (152 mm) 8" (203 mm) 10" (254 mm) 12" (305 mm)
STANDARD CONSTRUCTION AUGER LENGTH	5 ft. (1500 mm)
STANDARD CONSTRUCTION AUGER EXTENSION LENGTH	3 ft. (914 mm)



Dimensions are shown in inches and their metric equivalents.