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 @ 9600 RPM ENGINE SPEED
144
AUGER ROTATION DIRECTION
Clockwise
CLUTCH
Automatic, Centrifugal, All Metal, Slips on Overload
DRIVESHAFT
1-3/8” (35mm) Hexagon
CONNECTION TO AUGER

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

MODEL 550

OPERATOR CONTROLS
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 Anatomical Machine as Drilling Conditions Require. Included as Standard Equipment.
BASE UNIT WEIGHT
750 lbs. (341 kg)

Standard construction augers feature abrasion resistant helicoil 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 Pego®-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.