

TECHNICAL DATA MODEL 6000

GROSS WEIGHT.....19,500 lbs. fully
equipped less
vehicle

OVERALL DIMENSIONS (30 ft. Standard Machine)

Height (digging position).....48 ft. 4 in.
Height (travel position).....10 ft. 6 in.
Width.....8 ft. 6 in.

Auger Clearance (Kelly to ground)..... 92 in.

STANDARD ENGINE

Type..... Cummins 6BT5.9
Gross Horsepower.....130 @ 2500 RPM

KELLY BAR..... 3  inch
square

Feed..... Direct Acting 4 3/4 I.D. hydraulic ram
Average Travel Speed 3 ft. per second

FEED RAM 5 1/4 in. O.D. honed tubing, with "O" ring
seals.

Positioning limits: 10 degrees right, 10 degrees left,
10 degrees over vertical.

HOLE DEPTH.....  ft. max

CROWD PRESSURE..... 26,500 lbs at 1500 psi

HOIST PRESSURE..... 19,300 lbs at 2700 psi

HYDRAULIC SYSTEM

Pump..... Gear type
Pressure.....2700 PSI
Flow.....85 GPM at 2500 RPM
Filter.....12 Micron Absolute

BASE.....240 degree swing, 42 in.
fore and aft travel

JACKS.....Rear hydraulic - str
down
Frt - out and down