



AMD – 400



ALL HYDRAULIC SKID MOUNTED CORE DRILLING MACHINE

Core Drilling , Augering & DTH Drilling Capabilities
Skid Mounted , Fast and Easy Assembly
Reliable and Stable with Low Maintenance Cost

TECHNICAL DATA

ENGINE

Diesel Engine
48 HP @ 2300 rpm , Three Cylinder
Water cooled , Electric Start

DRILL MAST

Robust Frame
Max. Rod length Handling Capacity 3m
Mast Raising and Lowering with Hydraulic cylinder and Locking pins for Angular Drilling

FEED SYSTEM

Chain Sprocket Feed System
For 3m rod pull
Max. Pull – Up Force : 5500 Kg
Max. Pull – Down Force : 5500 Kg
Max. Pull – Up Speed : 25 M/min

ROTATION HEAD

Hollow Spindle Direct Drive , Single Hydraulic Motor With Gear Transmission
Maximum Torque 300 Nm @ 800 rpm for Core Drilling (High Speed Hydraulic Motor)
Maximum Torque 1750 Nm @ 55 rpm (High Torque Hydraulic Motor) (Optional)
Water / Air water swivel

HYDRAULICS

High Quality Sauer Danfoss Hydraulic Variable Displacement load Sensing Pump
Hydraulic Tank Capacity 220 Liters
Complete Range of Parker/Gates Hydraulic Hoses
Sauer Danfoss PVG32 Control Valves and Hydraulic Motors

STANDARD FEATURES

Hydraulically operated Wireline Winch
Rotation Head Lateral Swivel Movement

DRILLING DEPTH CAPACITIES

Diamond Core Drilling
400 m N Wireline Drill Rod
500 m B Wireline Drill Rod



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