



KCDE – 80



ALL HYDRAULIC SKID MOUNTED CORE DRILLING MACHINE

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

KDE 80 TECHNICAL DATA

ENGINE

Diesel Engine
14 HP @ 3400 rpm , Single Cylinder
Air cooled , Hand Start

DRILL MAST

Robust Frame
Max. Rod length Handling Capacity 1.5 m
Manual Tilting with Locking pins for Angular Drilling

FEED SYSTEM

Chain Sprocket Feed System
For 1.5 m rod pull
Max. Pull – Up Force : 1300 Kg
Max. Pull – Down Force : 1300 Kg
Max. Pull – Up Speed : 20 M/min
Chain Feed System driven by hydraulic motors with variable micro control of feed
During drilling and fast feed during rod handling

ROTATION HEAD

Hollow Spindle Direct Drive , Single Hydraulic Motor With Gear Transmission
Maximum Torque 240 Nm @ 350 rpm
Water / Air water swivel
Rotation head lateral Swivel movement

HYDRAULICS

High Quality Hydraulic Gear Pump and Sauer Danfoss Motors
Hydraulic Tank Capacity 80 Liters
Complete Range of Parker/Gates Hydraulic Hoses
Sauer Danfoss PVG32 Load Sensing Control Valves and Hydraulic Motors

WIRELIN WINCH

Hydraulically operated Wireline Winch along with 80 meters wire rope.

DRILLING DEPTH CAPACITIES

Diamond Core Drilling
80 m N Wireline Drill Rod
110 m B Wireline Drill Rod

The manufacturer reserves the right to change design and make modifications



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