



# KCDE – 350



## **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**

## **KCDE 350 TECHNICAL DATA**

### **ENGINE**

Diesel Engine  
44 HP @ 2200 rpm , Three Cylinder  
Air cooled , Electric Start

### **DRILL MAST**

Robust Frame  
Max. Rod length Handling Capacity 3.0 m  
Mast Raising and Lowering with Hydraulic Cylinder and Locking pins for Angular Drilling

### **FEED SYSTEM**

Chain Sprocket Feed System  
For 3 m rod pull  
Max. Pull – Up Force : 5500 Kg  
Max. Pull – Down Force : 5500 Kg  
Max. Pull – Up Speed : 25 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 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  
Rotation head lateral Swivel movement

### **HYDRAULICS**

High Quality Sauer Danfoss Hydraulic Variable Displacement Load Sensing Pump  
Hydraulic Tank Capacity 200 Liters  
Complete Range of Parker/Gates Hydraulic Hoses  
Sauer Danfoss PVG32 Load Sensing Control Valves and Hydraulic Motors

### **WIRELINE WINCH**

Hydraulically operated Wireline Winch along with 350 meters wire rope.

### **DRILLING DEPTH CAPACITIES**

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

The manufacturer reserves the right to change design and make modifications



## **KUVAWALA CORE DRILL EQPT. PVT. LTD.**

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