



# AMD – 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

## **AMD 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 @ 300 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 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



## **AMKO MINING & DRILLING EQPT. PVT. LTD.**

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