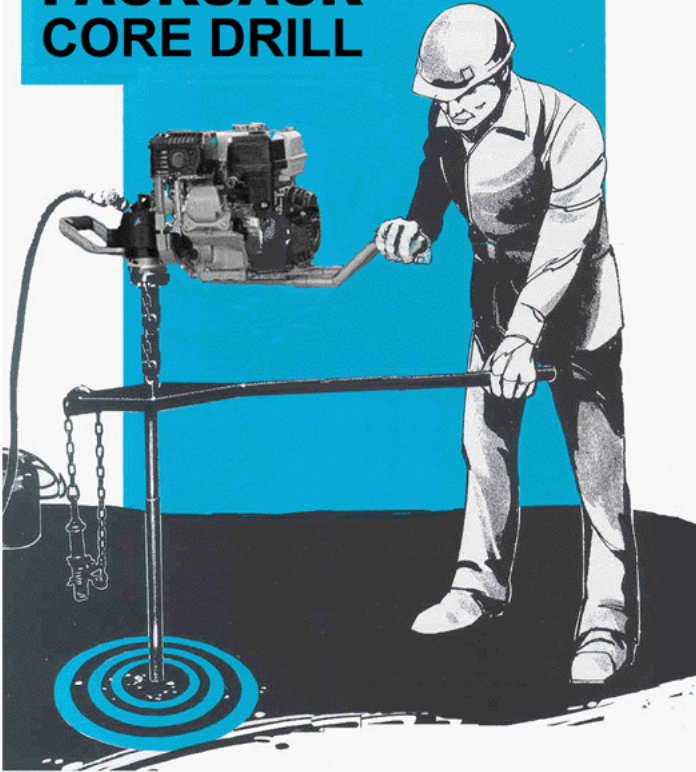


**JKS 4M
PACKSACK
CORE DRILL****Features**

- OPERATED BY ONE MAN WORKING ALONE**
- ANYONE CAN LEARN TO OPERATE EASILY**
- IDEAL FOR DRILLING SHORT QUICK HOLES**
- ENGINE INTERCHANGEABLE WITH BRONCO**
- DESIGN BASED ON PROVEN TECHNOLOGY**
- DEEPER DRILLING USING NEW CHAIN FEED**
- MOTOR SWIVELS SIDWAYS TO PULL STEEL**

**THE
PROSPECTOR'S
DIAMOND DRILL****Ideal for Exploration**

The PackSack drill is particularly suited for preliminary exploration because of its special design and light weight. The JKSM4 model diamond drill is light weight but powerful and is easily transported to any remote drilling site. Remarkable drilling capacity for its size makes the JKSM4 ideal for fast-in fast-out remote diamond drilling projects.

Proven Design & Performance

The JKSM4 diamond drill has been operated under all conditions and proven highly effective in the rugged terrain often inaccessible to big diamond drills. Hundreds of PackSacks rigs have been sold in Canada and throughout the world. The drill is successfully meeting requirements of operators around the globe, driven by the same powerful engine used PHQ's JKS Bronco pumps and with a new and more robust transmission based on the proven design. The JKSM4 PackSack can be carried into a remote drill site, set up by one operator and ready to drill in minutes.

Easy to Operate

A simple hand-held and straightforward design provides ease of operation so drill operators quickly get the "feel" of the PackSack diamond drill. Steady pressure exerted on the drill string using an adjustable lever called a "jo-bar" makes the JKSM4 suitable for one man drilling operation. Drill operators quickly learn to guide the machine with the hands-on sensitivity required for maximum penetration rate and high core recovery through changing formations.

**PARTS HEADQUARTERS INC.**

1175 APPLEBY LINE, UNIT C2, BURLINGTON, ONTARIO L7L 5H9
TEL: (905) 332-3271 / 1-800-267-2082 / FAX: (905) 332-9497
www.partshq.com

SPECIFICATIONS

Depth Rating

DRILLING IN HAND HELD MODE

IEWS Core Barrel 50ft (15m) 1 in (25.4mm) core size aluminum drill rods overall hole diameter 1 1/2 in (38mm)

MOUNTED ON JKS4M ALUMINUM CHAIN FEED

IEWS Core Barrel 150ft (45m) 1 in (25.4mm) core size aluminum drill rods overall hole diameter 1 1/2 in (38mm)

Power Unit

Make & Type	Honda GX200 4 cylcle gasoline motor
Horsepower	6.5 hp (4.85 kW)
Weight	36lbs (16.3 kg)
RPM	3600 maximum

Transmission and Gearing

Gear Ratio Crown Gear 43 teeth Pinion Gear 15 teeth
 Gearing down rotation by approximately one third
 Drill drive maximum rotation speed is 1200 RPM
 Torque 10 Foot Pounds (14 Newton Meters)

Weights & Dimensions of Drill Assembly

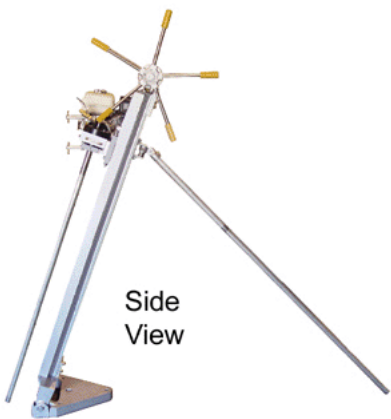
Length	34 inches (864 mm) with motor and handle
Width	15 inches (381 mm) with motor
Height	15 inches (381 mm) with motor
Weight	69 pounds (31.3 kilograms) with motor

Weights & Dimensions of Feed Assembly

Length	86 inches (2184 mm) with base plate
Width	18 inches (457 mm) at drill mounting plate
Height	24 inches (610 mm) with drill mounted
Weight	75 pounds (34.1 kilograms) without drill

Accessories & Miscellaneous

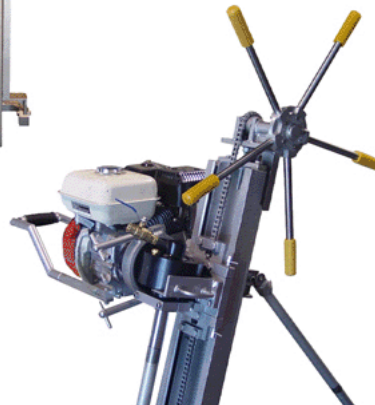
Water pressure supplied by Bronco Gasoline Pump Engines on Bronco and PackSack are interchangeable
 Recommend purchase of one spare engine for both
 Parts and repair services are available from PHQ



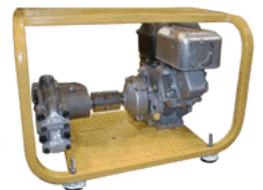
Side View



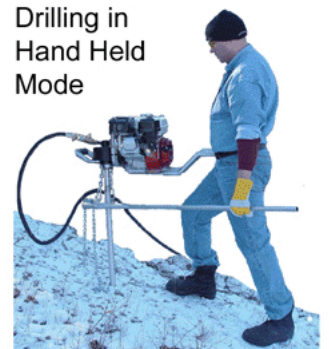
Front View



JKS Bronco Gasoline High Pressure Water Pump



Drilling in Hand Held Mode



All new aluminum extrusion feed assembly using hand crank windlass chain to advance the PackSack mounted on steel saddle. One leg prop using drill rods for support.