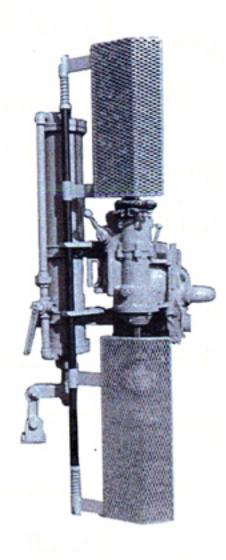
## VEG and VEGRC Air-Powered Underground Diamond Drills



JKS VEG air-powered diamond drill, manual chuck.

Drills rated to 396 m (1300 ft) horizontal capacity or 213 m (700 ft) vertical capacity with EW rods and single rod puller. Utilizes model BVRG-94P (vane-type) 20 kW (27hp) air motor and two variations of basic EG screwfeed swivelhead to provide performance features to meet varied drilling requirements.

### **Features**

### **VEG DRILL**

Utilizes EG Swivelhead. Left hand thread feedscrew and 2-jaw chuck. Speeds up to 3000 rpm.

### **VEGRC DRILL**

Utilizes EGRC Swivelhead. Right hand thread feedscrew and 2-jaw chuck. With reversible motor, feedscrew can be rotated in either direction for rapid advancement or retraction. Jacking wheel had hand brake, providing friction feed for drilling soft formations. Right hand feedscrew minimizes tendency to withdraw off bottom when feed is in neutral position. Versatile drill for diamond core drilling.

### SWIVELHEAD FEATURES

- Four feed rates can be selected without stopping by moving shifter handle
- · Easily replaceable chuck jaws.
- Neoprene bumper prevents metal-to-metal contact when retracting chuck; prevents jamming swivelhead.
- Jacking wheel on feednut permits manual advancement or retraction of feedscrew.
- Swivelhead firmly mounted on hinge-pin; can be quickly swung out of the way to handle rods.
- Speeds to 3000 rpm.

### **BVRG-94P AIR MOTOR**

- 20 kW (27 hp) at 3600 rpm.
- Smooth running, constant torque characteristics; 300 to 3600 rpm operating range.
- Vane-type motor with spring-loaded plunger under each blade to insure blades contact liner at all times; high starting torque.
- Combination throttle and directional control valve; gated handle for forward, stop and reverse positions.
- Chrome-plated, precision ground liner.
- O.D. and I.D. of liner and end plates concentric to facilitate regrinding and refacing.
- Vane wear can be visually checked through exhaust port.

### **ROD PULLER**

 152 mm (6 in) lightweight rod puller; provided with quick acting Puller Dogs.

### **BAR MOUNTING**

 Rigid bar mountings to fit either 89 mm (3 1/2 in) or 114 mm (4 1/2 in) mine columns.



PARTS HEADQUARTERS INC.



## **VEG and VEGRC Air-Powered Underground Diamond Drills**

### **SPECIFICATIONS**

_				٠.	
Ca	n	2	r	11	w
<b>Ua</b>	v	a	v		·v

(EW Rods)

VEG-94P, VEGRC-94P

† Vertical Horizontal

213 m (700 ft) 396 m (1300 ft)

## Swivelhead — 360° Range

VEG-94P Feedscrew Thread

Feedscrew I.D. Max Rod through Feedscrew

Feed Travel Manual 2-Jaw Chuck

Feedscrew Guard Feedscrew Lock VEGRC-94P

Feedscrew Thread Feedscrew I.D.

Max Rod through Feedscrew Feed Travel

Manual 2-Jaw Chuck Feed Screw Guard Feed Screw Lock

Left Hand

38 mm (1 1/2 in)

EW

610 mm (24 in)

Yes Yes No

Right Hand 37 mm (1 7/16 in)

EW

610 mm (24 in) Yes Yes

Yes

4

### \*Feed Gears

VEG-94P Number

Feeds-Soft Formations Feeds-Medium Formations **Feeds-Hard Formations** Friction Feed (4 Revs/in)

VEGRC-94P Number

> Feeds-Soft Formations **Feeds-Medium Formations** Feeds-Hard Formations

Friction Feed (4 Revs/in)

No 4 102, 148, 229, 364

148, 229, 364, 531 229, 364, 531, 700

102, 140, 207, 307

140, 207, 307, 421

207, 307, 420, 644

Yes

(Revolutions per 25 mm (1 in) advance. Hard Formation Supplied unless otherwise specified.)

## \*Chuck Speed

**Bevel Gears** 

Standard 1.8:1 Option High 1.29:1 Option 1st Low 2.33:1 Option 2nd Low 3.06:1 @ 3600 Motor rpm

2000 rpm 2790 rpm 1540 rpm 1175 rpm

## Jacking Wheel

VEG-94P

Jacking Wheel

VEGRC-94P

**Jacking Wheel** 

Jacking Wheel Brake

### **Swivelhead**

Swivelhead Weight

Swivelring Weight

VEG-94P 61 kg (135 lbs) VEGRC-94P 61 kg (135 lbs) 11 kg (25 lbs) VEG-94P 11 kg (25 lbs) VEGRC-94P

### Air Motor — BVRG-94P

Horsepower 20 kW (27 hp) @ 3600 rpm **Operating Range** 

Air Consumption

Air Hose Fitting Size Muffler Kit Motor Weight **Dimensions - Length** - Width

300 to 3600 rpm 0.5 to 0.6 m3 (18 to 20 m3) Free air per minute per hp (1 1/2 in) NPT Optional 29 kg (64 lbs) 432 mm (17 in)

### **Rod Puller**

Piston Diameter

Pulling Capacity - EW Rods

Vertical 213 m (700 ft) Horizontal 396 m (1300 ft)

191 mm (7 1/2 in)

Length of Stroke Weight

826 mm (32 1/2 in) 52 kg (114 lbs)

152 mm (6 in)

# **Rigid Bar Mounting**

89 mm (3 1/2 in) Column

15 kg (33 lbs)

114 mm (4 1/2 in) Column

27 kg (60 lbs)

# Weights with 3 1/2 in Mount

VEG-94P, VEGRC-94P

Less Rod Puller With Rod Puller

117 kg (257 lbs) 168 kg (371 lbs)

<sup>†</sup> Capacities shown with single 152 mm (6 in) rod puller.

<sup>\*</sup> Indicates options; when ordering, please specify selection.