



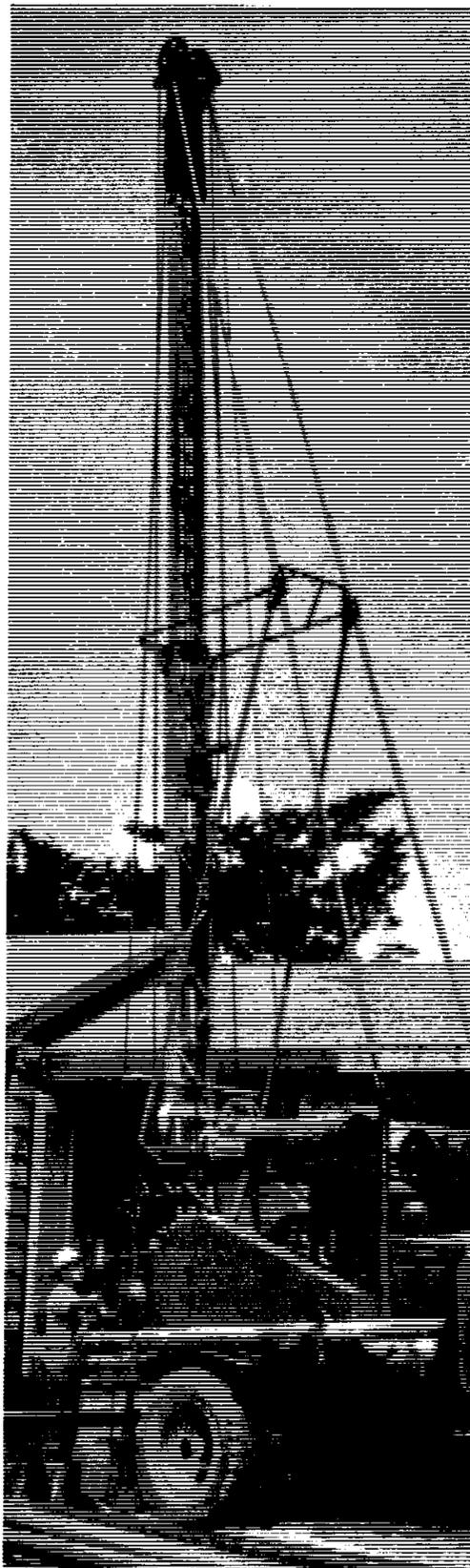
**Manufacturers of
Bucyrus-Erie style
Well Drills and Parts**

The 20-W Cable Tool from Buckeye Drill is a compact machine, ahead of the field for efficient, economical operation. All 20-W drilling operations can be quickly and conveniently handled by one man through compact arrangement of operating levers and controls.

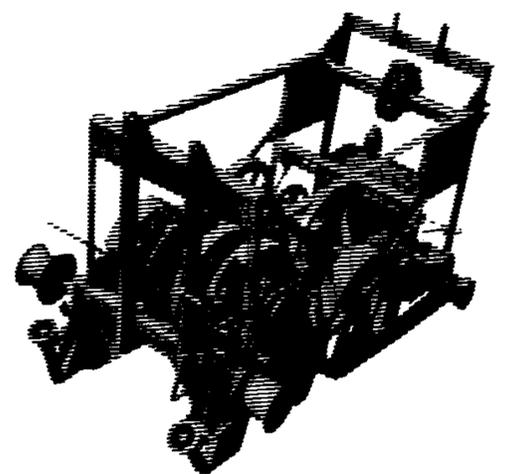
It can drill 3 to 6-inch (76-152 mm) diameter wells to a depth of 700 feet (213.4 m), and handle 1,500 pounds (680 kg) of tools.

The 20-W incorporates quality features normally found only in larger and more expensive drills, including:

- **Quick Set-Up . . .** The 36-ft. (10.97 m) two-piece derrick is power-raised from the jackshaft. Unique folding brace arrangement and extended lock make one-man setup possible.
- **Counterweighted Spudding Gear . . .** Provides greater safety in operation.
- **Mobility . . .** 20-W may be mounted on any type of truck from 1½-tons (1.361 kg) up, with minimum wheelbase of 134 inches (3,403 mm). Trailer mounting package available.
- **Power Plant . . .** Heavy-duty four-cylinder gasoline engine provides ample power. Electric starter is standard.



- **Power Take-Off Clutch on Engine.**
- **Hydraulic Slack Line Holder.**
- **High-Carbon Steel Jackshaft.**
- **Gear-Driven Spooling Device.**
- **Gear-Driven Casing Reel.**
- **Direct-Drive Drilling Motion.**
- **Automatic Drill Line Feed.**



Dimensions (unmounted):		
Length — derrick down	24'0"	7.3 m
without derrick	9'0"	2.7 m
Width	5'9"	1.8 m
Height — derrick down	7'0"	2.1 m
Derrick	36'0"	10.97 m
Weights:		
Truck Mounting	5,900 lbs.	2.676 kg
Trailer Mounting	7,000 lbs.	3.175 kg
Sheaves:		
Crown, cast steel, P.D. anti-friction	15"	381 mm
Sand, cast steel, P.D. anti-friction	8-1/2"	215 mm
Casing, cast steel, P.D. bronze bushed	12-1/2"	317 mm
Heel, semi-steel, P.D. bronze bushed	12-3/8"	314 mm
Beam, semi-steel, P.D. bronze bushed	12-3/8"	314 mm
Bull Reel:		
Hoists 900 lbs. from 700 ft. (408 kg from 213 m)		
Maximum Hoisting Speed	235 fpm	71.6 mpm
Capacity: 700 ft. (213 m) of 5/8" (16 mm) cable.		
Friction-Driven Sand Reel:		
Will Spool 780 ft. (237.7 m) of 3/8" (9.5 mm) line.		
Maximum Hoist Speed	480 fpm	146 mpm
OPTIONAL		
Traveling Block:		
5-Ton single 14" (355 mm) diameter sheave.		
OPTIONAL		
Catheads:		
Two 8" (203 mm) diameter catheads, chain-driven from jackshaft.		
Spudding Beam: All-steel, electric welded.		
Pitman: All-steel, electric welded, bronze bushings.		
Clutches: Jackshaft has two disc-type for controlling spudding, bull reel and casing reel drives.		

It is the policy of Buckeye Drill Company to improve its products continually. The right is reserved to make changes in specifications or design which, in the opinion of this Company, are in accord with this policy, or which are necessitated by the unavailability of materials. The description herein is for the purpose of identifying the type of machine, and does not limit or extend the express warranty provisions in any contract of sale.

Buckeye Drill Company

One of the Buckeye Companies

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