

Featuring the  
**acker ACE**  
Versatile, Shallow Exploration  
Drill

The ACE is a rugged, lightweight and portable skid rig with a range of job-tested features for versatility and dependable performance.



*Over  
50 Years  
of Service!*

**Features:**

- Lightweight (Under 3,000 lbs.) Transported Easily into Difficult Terrain
- 4 Speed Transmission - Up to 1,300 RPM
- Drill Head Swivels 360 Degrees
- Shallow Exploration (900 ft. 'N' Wireline)
- Wireline Winch Available
- 30" Spindle Travel
- Automatic Chuck
- In / Out Slide Base
- 4 Speed Cathead
- Wire Drum Hoist

**acker**  
DRILL COMPANY

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## ACE STANDARD FEATURES:

- A. **Power Unit** - 28 H.P. diesel engine with 12-volt electric start. Other power options available on request.
- B. **Drill Head** - AW6-S hydraulic drill head with 24" stroke, AW rod hand chuck, spiral bevel gears and manual spindle lockout when hoisting or sampling. Drill head swivels 360 degrees.  
  
*Thrust - 9,424 lbs. Pull - 12,566 lbs. Spindle I.D. - 1-27/32"*  
  
**Drill Head Speeds:**  
 1st gear (204 RPM)      2nd gear (422 RPM)  
 3rd gear (772 RPM)      4th gear (1,302 RPM)  
*Optional speeds available on request.*
- C. **Transmission** - Four (4) speed automotive sliding gear type with one (1) speed in reverse. Features flange mounted drive for hydraulic pump.
- D. **Main Hoist** - Planetary wire drum hoist with 75 ft. of 5/16" cable. Brake and clutch wrap around bands - self-energized-cam type. Capacity 5,000 lbs.
- E. **Cathead** - Cathead cargo type hoist with manual lockout. Capacity 2,000 lbs.
- F. **Mounting** - Structural steel drag skid base with 16" hydraulic retraction.
- G. **Derrick** - For hoisting 10 ft. sections of rods/casing.

## ACE OPTIONAL FEATURES:

- 1. **Drill Head** - BWC2-S with 2-5/16" spindle bore and 24" travel. Also available with 30" travel.
- 1a. **Drill Head** - NXC2-S with 3-5/8" spindle bore and 24" travel. Also available with 30" travel.
- 2. **Ackermatic Hydraulic Chuck Assembly** - Hydraulic chuck available to suit all drill heads.
- 3. **Water Pumps** - Hydraulically driven Moyno Type or Triplex Type (check with factory for details).
- 4. **Wireline Hoist** - Hydraulic wireline winch with 750 ft. of 3/16" cable and internal brake.
- 5. **Derrick** - Angle hole type derrick. Up to 25 degrees from vertical for 10 ft. pulls.
- 6. **Trailer** - Two (2) wheel trailer with ball or pintle hitch with electric brakes and four hand screw or hydraulic jacks.

## ACE WEIGHTS AND DIMENSIONS:

**[Approx. Standard Build, No Options ]**

Length/Overall	72 inches (1,829 mm)
Width/Overall	40 inches (1,015 mm)
Height	63 inches (1,600 mm)
Net Weight	2,250 lbs. (1,023 kg)
Gross Weight Crated	2,500 lbs. (1,136 kg)
Standard Derrick	280 lbs. (127 kg)

**Note: Weights are approximate and dry measured, + or - 10%**

Contact factory for additional details. A complete line of optional accessories are available.



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