

LIGHTWEIGHT MOTORIZED HOIST AND PORTABLE ALUMINUM DERRICK

An Ideal Combination for:

- Soil Sampling
- Standard Penetration Tests
- Driving Casing Pipe
- Driving Well Points
- Penetrometer Tests
- Many Hoisting Operations

A versatile team for operation in remote areas. Both the hoist and aluminum derrick disassemble for carrying into difficult job sites. Lifting capacity is 500 lbs. (226 kg) -- powerful enough for driving pipe/casing or soil sampling with 140 lb. (63 kg) drive weight.

The motorized hoist is designed with a heavy duty split clamp for assembly on any 2-1/2" (63.5 mm) pipe.

An ideal cathead type hoisting drum for contractors, soil and rock mechanics, field engineers and others requiring simple drive type hoist.

A variety of other soil sampling tools are readily available from Acker for even greater versatility and usefulness.



This husky Acker combination of motorized hoist and aluminum derrick is shown taking a SPT (Standard Penetration Test) with the 140 lb. (63 kg) drive weight having a 30" (762 mm) free fall.

This close-up of the Acker Motorized Cathead shows its rugged construction and the cathead -- two clamps fit any 2-1/2" (63.5 mm) pipe or davit. The hand starter and throttle are conveniently located for one man operations.



MOTORIZED CATHEAD ASSEMBLIES	
COMPLETE ASSEMBLY WITH:	Assembly Part #
STANDARD 5.5 H.P. GAS ENGINE	040032-1
8 H.P. GAS ENGINE	040032-2
220V 3-PHASE ELECTRIC ENGINE	040032-3

ASSEMBLY CONSISTS OF:	
COMB. STANDARD 5.5 H.P. MOTOR CATHEAD W/ CLAMP INCLUDED W/ ASSY. 040032-1	025060-3
COMB. 8 H.P. MOTOR CATHEAD W/ CLAMP INCLUDED W/ ASSY. 040032-2	025060-21
COMB. 220V 3-PHASE ELECTRIC MOTOR CATHEAD W/ CLAMP INCLUDED W/ ASSY. 040032-3	025060-4
ALUM. TRIPOD DERRICK W/ TIE BOLT AND BAIL FOR 10 ft. (3.05 m) PULLS	025505-2
TRIPOD SHEAVE FOR 3/4" (19.05 mm) MAILA ROPE	025031-7
MANILA ROPE, 3/4" (19.05 mm) X 75' (22.86 m)	110450-75
SAFETY HOOK (NEW STYLE)	090351-1



Pictured: Standard Gas Powered Cathead.



Pictured: Electric Powered Cathead.

MOTORIZED CATHEAD

Lightweight, 5.5 horsepower, 4 cycle, gasoline engine featuring: automatic rewind, hand starter, muffler, air filter, throttle control, carry handles and foot rests. The cathead is driven by sprockets and all chain drive enclosed by safety guard. Engine operates at 3,600 RPM governed speed.

Also available:

- Electric Powered Cathead.
- 8 horsepower Cathead for More Power. (Great for High Elevations)

CATHEAD

The cathead is 4-1/2" (114.3 mm) O.D. and rotates at 172 RPM -- lifting capacity is 500 lbs. (226 kg). Ideal for use with 140 (63 kg) or 300 lb. (136 kg) drive weights.

Please note: 300 lb. (136 kg) weight specific capabilities available with options.

DERRICK

The all aluminum tripod derrick is designed to accommodate hoisting tools in 10 ft. (3.05 m) lengths. The three aluminum legs are 16 ft. (4.8 m) long and designed with a mid-point bolted sleeve to permit handling and packing. The assembly includes the bolt and bail (less sleeve wheel). Rated workload is 500 lbs. (226 kg).