

**MORPAC
INDUSTRIES**

LH74 6,000 LB STRAWLINE PULLER

- Four drum configuration shown, also available from one to five drums
- Waterfall design standard for excellent operator visibility and low center of gravity
- Mounted on truck, tracked vehicle, or trailer at customer's request
- Powered by Tier III compliant Cummins 160 hp Diesel
- Hydrostatic drive standard; mechanical drive optional
- All drums are easily removable with simple tools to switch from synthetic to steel rope with the optional extra set of drums
- Pneumatic controlled payout drag brakes to control speed of line when used with helicopter



MORPAC INDUSTRIES, INC.

117 Frontage Road North, Suite A
Pacific, WA 98047-1052

Website: <http://www.morpac.com/>
Email: actuators@morpac.com

Phone: (253) 735-8922
Fax: (253) 735-8933

July 2007

LH74 6,000 LB STRAWLINE PULLER

POWER PLANT:

- Cummins QSB4.5 diesel, Tier III compliant, 160 hp, 4.5 liter turbocharged four cylinder
- State of the art operator diagnostic capability, engine driven air compressor and hydraulic pump

STANDARD HYDROSTATIC DRIVE TRAIN:

This drivetrain features true freewheel capability for flying off the line with a helicopter and the smoothest pull of any puller on the market. Drum control is smooth and accurate enough to eliminate the need for a sagging winch (on smaller jobs).

- Pump: infinitely variable flow, electronically controlled Sauer Danfoss "Series 90" pump
- Motors: Rotary Power's "SMA" series of motors with robust radial piston design and true freewheel ability for helicopter operations

OPTIONAL MECHANICAL DRIVE TRAIN:

- Our tried-and-true mechanical drivetrain, featuring a 3-speed (forward and reverse) Clark Powershift transmission and chain drive
- True freewheel ability for flying off the line with a helicopter
- This drivetrain sacrifices some smoothness and low speed control for simplicity. This drive train is only available up to 3 drum configuration.

BRAKES:

- Individually air actuated and coupled directly to each drum, 20 1/4" dia x 7" wide braking surface, internal expanding tube type
- Provides excellent control with smooth tension while performing helicopter operations
- Precise air regulators provide infinitely variable brake pressure

DRUM CAPACITY:

- 30,000 feet of 3/8" steel cable standard (17,200 lb break strength)
- 23,800 feet of 9/16" Amsteel Blue (by Samson Rope Technologies) non-conducting, lightweight synthetic rope optional (36,500 lb break strength)

FAIRLEAD:

Hydraulically powered, operator controlled, powerful enough to allow catching off

MAXIMUM LINE PULL:

6,000 lb (continuous) with full drum

Optional high-tension drum can be installed to pull up to 12,000 lb for short distances (10,000 ft)

MAXIMUM LINE SPEED:

600 fpm (6.8 mph) pulling; 1,300+ fpm (15+ mph) payout

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LH74 4-DRUM CONTROL PANEL



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