

AMCON 750

AIR-CONTROLLED WINCH

DRUM DIMENSIONS

Flange Diameter 72" (1,829 mm)
 Drum Diameter 28" (711 mm)
 Drum Length 52" (321 mm)

SPOOLING CAPACITY

1 1/2" Wire Rope 7,107' (2,166 m)
 1 5/8" Wire Rope 5,683' (1,732 m)
 1 3/4" Wire Rope 4,962' (1,512 m)
 1 7/8" Wire Rope 4,243' (1,293 m)
 2" Wire Rope 4,023' (1,226 m)

BRAKES

Each drum is equipped with double external-contracting band-type brakes. The brakes are air-actuated, spring release and are complete with a spring-set override/parking brake feature. Static Holding Power First Layer Service 300,000 lbs. (136 MT)
 Service + Parking . . 600,000 lbs. (272 MT)

CLUTCH

Each drum is equipped with double internal-expanding band-type clutch. The clutch is air-actuated.

MAXIMUM SIZE WIRE ROPE

For Anchoring Service 2" Wire Rope

DRUM DOG

Each drum is equipped with an air-actuated drum dog.

WEIGHTS (with standard diesel power)

Double-drum 72,000 lbs. (32.6 MT)

CONTROL CONSOLE

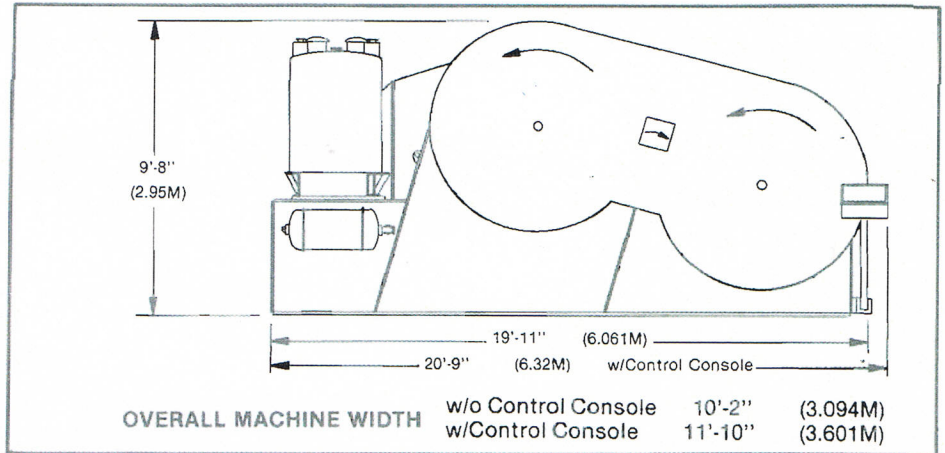
Side mounted stand-up type (Shown) Standard
 Swing-around, seated Optional
 Forward facing, seated with cab Optional

PAINT

Winch frame, guards and all sheet metal work are sandblasted and coated with inorganic zinc, with finish coats of high-gloss polyurethane marine paint.

OPTIONS

In addition to a variety of engines, transmissions, control arrangements,



and electric or hydraulic drives, the Model 750 can be ordered with the following accessories: attached or remote boom swingers, levelwinds, or fleeting sheaves. Deck guide sheaves and fairleaders can also be furnished to fit your needs.

PERFORMANCE DATA

Theoretical single-drum line pull in pounds and line speed in feet per minute with a Detroit Diesel Model 8V-71 electric-starting diesel engine, driving through a Twin Disc Model TAC 33-1314 transmission with torque converter, using 2" wire rope.

	11th Layer (63.89" P. D.) Line Pull @ Line Speed (fpm)	6th Layer (46.94" P. D.) Line Pull @ Line Speed (fpm)	1st Layer (30.0" P. D.) Line Pull @ Line Speed (fpm)
High 70%			
High	10,450 lbs. @ 539	14,230 lbs. @ 396	22,270 lbs. @ 253
Second	23,419 lbs. @ 241	31,875 lbs. @ 177	49,873 lbs. @ 112
Low	41,820 lbs. @ 135	56,920 lbs. @ 99	89,070 lbs. @ 63
Max. Eff.			
High	15,070 lbs. @ 450	20,510 lbs. @ 330	32,100 lbs. @ 211
Second	33,757 lbs. @ 201	45,942 lbs. @ 147	71,893 lbs. @ 95
Low	60,280 lbs. @ 112	82,050 lbs. @ 82	128,380 lbs. @ 53
Low 70%			
High	24,460 lbs. @ 216	33,290 lbs. @ 159	52,100 lbs. @ 102
Second	54,779 lbs. @ 96	74,570 lbs. @ 71	116,670 lbs. @ 46
Low	97,830 lbs. @ 54	133,150 lbs. @ 40	208,340 lbs. @ 25
Stall			
High	39,760 lbs.	54,120 lbs.	84,690 lbs.
Second	89,074 lbs.	121,240 lbs.	189,694 lbs.
Low	159,060 lbs.	216,500 lbs.	338,750 lbs.