

**Depend on Our Quality
Benefit From
our Experience**



Amcon 270

Drum Dimensions			
Flange Diameter	50"	(762mm)	
Drum Diameter	16"	(356mm)	
Drum Length	26"	(660mm)	
Spooling Capacity			
3/4" Wire Rope	6,860'	(2,091m)	
7/8" Wire Rope	4,987'	(1,521m)	
1" Wire Rope	3,765'	(1,148m)	
1 1/8" Wire Rope	3,014'	(919m)	
1 1/4" Wire Rope	2,374'	(723m)	

BRAKES

Each drum is equipped with a single external-contracting band-type brake. The break is air-actuated, spring released and is complete with a spring-set override/parking brake feature.

Static Holding Power First Layer

Service.....45,000 lbs. (20.4MT)

Service+Parking...80,000 lbs. (36.3MT)

CLUTCH

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

MAXIMUM SIZE WIRE ROPE

For Anchoring Service...1 1/4"Wire Rope

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 270 can be ordered with the following accessories: attached or remote boom swingers, level winds, or fleeting sheaves.

Deck guide sheaves and fairleaders can also be furnished to fit your needs.

WEIGHTS (with standard diesel power)

Double-drum.....18,000lbs.(8.1MT)

Three-drum.....27,186lbs.(12.3MT)

CONTROL CONSOLE

Side mounted stand-up type..Standard

Swing-around, seated.....Optional

Foward facing,
seated with cab.....Optional

DRUM DOG

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

PERFORMANCE DATA

Theoretical single-drum pull in pounds and line speed in feet per minute with a Detroit Diesel Model 4-71 electric-starting diesel engine, driving through a Twin Disc three-stage torque converter, using 1 1/8" wire rope.

	14th Layer (41.97"P.D.) Line Pull @ Line Speed	11th Layer (36.24"P.D.) Line Pull @ Line Speed	6th Layer (26.68"P.D.) Line Pull @ Line Speed	1st Layer (17.13"P.D.) Line Pull @ Line Speed
High 70%	4,517 lbs. @ 585 fpm	5,290 lbs. @ 505 fpm	7,190 lbs. @ 372 fpm	11,200 lbs. @ 238 fpm
Max.Eff.	8,019 lbs. @ 372 fpm	9,390 lbs. @ 321 fpm	12,750 lbs. @ 236 fpm	19,870 lbs. @ 151 fpm
Low 70%	15,594 lbs. @ 147 fpm	18,260 lbs. @ 127 fpm	24,800 lbs. @ 94 fpm	38,660 lbs. @ 60 fpm
Stall	26,108 lbs.	30,570 lbs.	41,520 lbs.	64,710 lbs.

