

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



**Amcon 625**



Drum Dimensions	
Flange Diameter	67" (1702mm)
Drum Diameter	25.5" ( 648mm)
Drum Length	48" (1219mm)
Spooling Capacity	
1 3/8"Wire Rope	6578' (2005 M)
1 1/2"Wire Rope	5752' (1753 M)
1 5/8"Wire Rope	4363' (1330 M)
1 3/4"Wire Rope	4189' (1277 M)
2"Wire Rope	3129' ( 954 M)

#### **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

or Parking....245,000 lbs. (111 MT)

#### **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...2"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**

The 625 can be ordered with a variety of engines, transmissions, control arrangements, and electric or hydraulic drives.

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

#### **WINCH HEAD (optional)**

An 18-inch winch head can be mounted on the extended drive shaft. This extension is on the gear guard side of the winch.

#### **WEIGHTS** (with standard diesel power)

Double-drum....54,900 lbs.(30.25 MT)

#### **CONTROL CONSOLE**

Side mounted stand-up type..Standard

Swing-around, seated.....Optional

Forward facing,

seated with cab.....Optional

#### **DRUM DOG**

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

#### **MOORING PERFORMANCE DATA**

Theoretical single-drum line pull in pounds and line speed in feet per minute with a Detroit Diesel Model 6V-71 electric-starting diesel engine, driving through a Twin Disc Model TAC 33-1314 transmission with torque converter, using 1 3/4" wire rope.(For hoisting applications, please request hoist capacity charts.)

	12th Layer (60.19"P.D.) Line Pull @ Line Speed	12th Layer (60.19"P.D.) Line Pull @ Line Speed	12th Layer (60.19"P.D.) Line Pull @ Line Speed
<b>High70%</b>			
High	8,112 @ 658	11,565 @ 462	17,919 @ 298
Second	18,175 @ 294	25,907 @ 206	40,138 @ 133
Low	32,450 @ 165	46,262 @ 115	71,676 @ 74
<b>Max. Eff.</b>			
High	10,675 @ 456	15,219 @ 320	23,580 @ 207
Second	23,913 @ 204	34,090 @ 143	52,818 @ 133
Low	42,701 @ 114	60,876 @ 80	94,318 @ 74
<b>Low70%</b>			
High	15,784 @ 237	22,502 @ 166	34,863 @ 107
Second	35,355 @ 106	50,404 @ 74	78,093 @ 48
Low	63,135 @ 59	90,006 @ 42	139,452 @ 27
<b>Stall</b>			
High	24,457	36,292	56,229
Second	57,023	57,023	81,293
Low	101,827	145,167	224,915



