
AMCON JU-36



The AMCON JU-36 is yet another example of Conmaco/Rector's versatility and ability to adapt equipment to meet its customer's needs. Originally an electric powered mooring winch, this heavy-duty, single-drum winch is now powered by a diesel engine and a hydraulic closed-loop transmission to combine a rugged mooring winch with a winch that has fine control for hoisting and lowering operations.

The operator controls the drum speed and torque with a hydraulic joystick in combination with a hydraulic motor control dial located at a common control console. Also, the once manually actuated single-band brake is now air-controlled from the control console.

To make this machine even more versatile, the power unit is able to be remote mounted up to 50 feet away if

space presents a problem. In addition to remote mounting the power unit, the control console is also able to be remote mounted to give the operator a better vantage point if required.

The AMCON JU-36 is just one example of how Conmaco/Rector's engineering and sales departments work together to make sure you have the best equipment for your job.



*Depend on our Quality.
Benefit from our Experience.*

AMCON JU-36

SINGLE DRUM HYDRAULIC WINCH

DRUM DIMENSIONS:

Flange Diameter: 49.5"
 Drum Diameter: 18"
 Drum Length: 37.5"

SPOOLING CAPACITIES:

3/4" Wire Rope: 9439'
 7/8" Wire Rope: 4181'
 1" Wire Rope: 5401'
 1 1/8" Wire Rope: 4269'
 1 1/4" Wire Rope: 3344'
 1 3/8" Wire Rope: 2846'
 1 1/2" Wire Rope: 2427'

BRAKE:

The winch has a parking brake and service brake feature which actuate an external-contracting band-type brake on the drum. The parking brake is spring applied and air released while the service brake is air applied and spring released.

Holding Capacity 1st Layer: 120,000 lbs

CLUTCH:

The winch is equipped with a manually actuated jaw-type clutch in the driveline to enable the drum to free spool.

WEIGHTS:

Hoist with Power Unit: 18,000 lbs.

CONTROL CONSOLE:

The control console is a side-mounted stand-up-type console with the option of being remotely mounted.

WINCH DIMENSIONS:

Length 160"
 Width, with Console 101"
 Height 80"

PERFORMANCE AT MAXIMUM LINE PULL (1 1/2" WIRE ROPE)

	1 ST LAYER	5 TH LAYER	10 TH LAYER
LINE PULL AND SPEED	103,763 LBS @ 21.6 FPM	68,036 LBS @ 33 FPM	47,553 LBS @ 47.2 FPM

PERFORMANCE AT MAXIMUM LINE SPEED (1 1/2" WIRE ROPE)

	1 ST LAYER	5 TH LAYER	10 TH LAYER
LINE PULL AND SPEED	31,321 LBS @ 63.4 FPM	20,537 LBS @ 96.7 FPM	14,354 LBS @ 138.3 FPM

1602 Engineers Rd ,
 Belle Chasse, LA 70037
 Tel. 504-393-7330
 Fax: 504-393-8715
 E-mail: sales@conmaco.com

1220 Alamoot Dr.
 Chesapeake, VA 23322
 Tel. 757-285-9879
 Butch @conmaco.com

14808 S. Cicero
 Oak Forest, IL 60452
 Tel. 708-926-9181
 Fax 708-926-9068
 DDaniels@conmaco.com

AMCON 385 SDH SINGLE DRUM HYDRAULIC WINCH (SN 0103036) WITH HPU

<u>DRUM DIMENSIONS</u>	<u>Inches</u>
Flange Diameter	46
Drum Diameter	18
Drum Length	45

<u>SPOOLING CAPACITY</u>	<u>Feet</u>
1" Wire Rope	5,495
1 1/4"	3,238
1 1/2" Wire Rope	2,259

<u>DRUM BRAKE</u>	
Double drum brakes, air actuated, fail safe.	
Diameter	46 inch
Width	5 inch
Static Holding (1st Layer)	150,000 lbs.

<u>DRUM CLUTCH</u>	
Double drum clutches, air applied	
Diameter	36 inch
Width	5 inch

<u>DIESEL/HYDRAULIC POWER UNIT</u>
Diesel Engine with Hydraulic Pump 5000 PSI, 90GPM
<u>CONTROL CONSOLE</u>
Winch is equipped with a stand-up type control console mounted to the front of the winch. Optionally, the console can be remotely mounted.

<u>WEIGHTS/DIMENSIONS</u>	
Winch with HPU (w/o cable)	22,000 lbs.
Length	160 inches
Width with console	123 inches
Width w/o console	94 inches
Height	88 inches

PERFORMANCE: MAXIMUM LINE PULL 1" Diameter Wire Rope

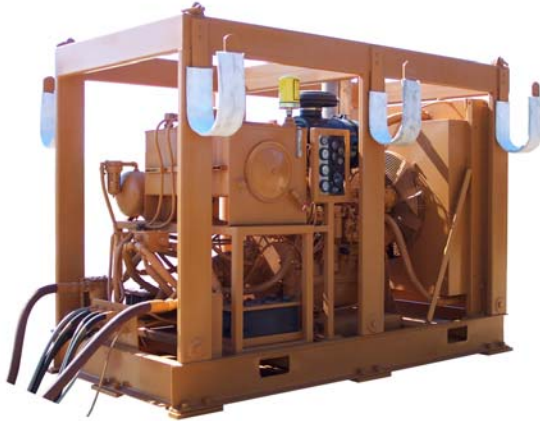
PERFORMANCE: MAXIMUM LINE SPEED 1" Diameter Wire Rope

Layer	Line Pull (lbs)	Line Speed (ft/min)
1	112,952	34
2	100,783	38
3	90,981	42
4	82,917	46
5	76,139	50
6	70,386	54
7	65,461	58
8	61,163	62
9	57,409	66
10	54,090	71
11	51,121	75

Layer	Line Pull (lbs)	Line Speed (ft/min)
1	37,651	101
2	33,594	114
3	30,327	126
4	27,693	138
5	25,380	150
6	23,462	163
7	21,820	175
8	20,388	187
9	19,136	199
10	18,030	212
11	17,040	224



AMCON 385 HDS



The **AMCON Model 385 HDS** is one of **CONMACO's** most versatile winches. This constant horsepower, rugged, closed-loop hydraulic winch is designed not only for mooring applications, but is ideal for hoisting and load-lowering applications. By utilizing a double hydraulic motor (two motor groups in one housing), the winch has a greater speed range than other hydraulic winches. Also, a separate power unit, able to be located up to 50 feet away, allows this winch to fit into places where other winches cannot.

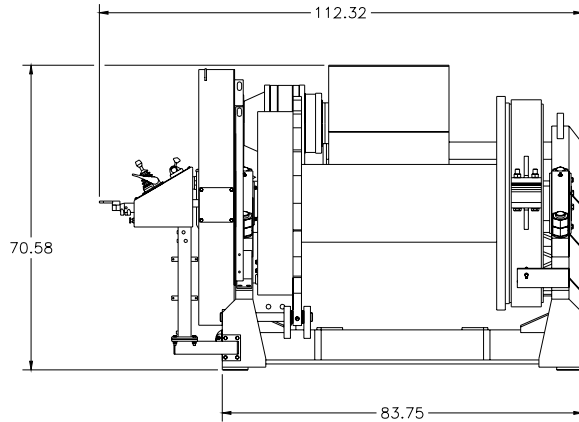
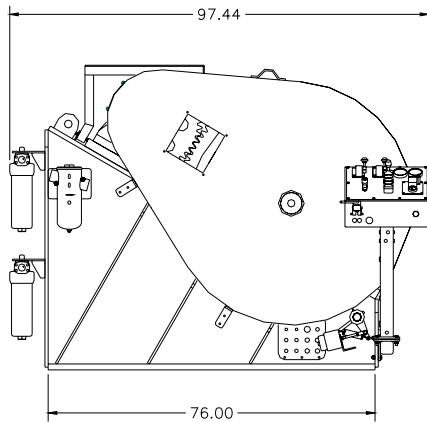
The winch is powered by a dependable Tier-1 compliant, 225 horsepower John Deere Diesel engine that directly drives the hydraulic pump. An engine driven air compressor supplies the air required to operate the brakes, drum clutch, dog, and engine throttle. All power unit components are mounted on a rigid steel skid with a built in fluid containment pan in case a leak ever occurs. Also for environmental safety, the hydraulic system utilizes biodegradable hydraulic fluid.

The winch is operated at a standard stand-up type control console located at the front of the winch. From this console, the operator is able to control the brakes, drum clutch, dog, engine throttle, drum speed, drum direction, and drum torque. The drum speed, direction, and torque are controlled with a hydraulic joystick in combination with a hydraulic motor control dial. At the console, the operator is also able to monitor the hydraulic pressure and air pressure and shut down the diesel engine.



*Depend on our Quality.
Benefit from our Experience.*

AMCON 385 HDS



DRUM DIMENSIONS:

Flange Diameter: 49.50 in.
 Drum Diameter: 18.00 in.
 Drum Length: 45.38 in.

SPOOLING CAPACITIES:

7/8 in. wire rope: 8,728 ft.
 1 in. wire rope: 6,451 ft.
 1-1/8 in. wire rope: 5,195 ft.
 1-1/4 in. wire rope: 4,072 ft.
 1-3/8 in. wire rope: 3,467 ft.
 1-1/2 in. wire rope: 2,959 ft.

DRUM BRAKE:

The winch has parking brake and service brake features which actuate an external-contracting, band-type brake on the drum. The parking brake is spring-applied and air-released, while the service brake is air-applied and spring-released.

Holding capacity 1st layer: 150,000 lbs.

DRUM CLUTCH:

The drum is equipped with a single air-actuated, internal-expanding type clutch. The clutch is rated for the full drum torque and when disengaged, will allow the drum to free spool.

DRUM DOG:

The drum is equipped with an air-actuated ratcheting drum dog. The dog's holding capacity is in excess of the breaking strength of 1-1/2 in. wire rope.

CONTROL CONSOLE:

The winch is equipped with a stand-up type control console mounted to the front of the winch. Optionally, the console can be remotely mounted.

POWER UNIT DIMENSIONS:

Length: 120.00 in.
 Width: 82.38 in.
 Height: 87.88 in.

HYDRAULIC HOSE BUNDLE LENGTH:

The standard length is 50 ft. Other lengths can be supplied upon request.

WEIGHTS:

Winch (without rope): 15,000 lbs.
 Power Unit: 7,500 lbs.

INHAUL PERFORMANCE AT MAXIMUM TORQUE (1-1/2 IN. WIRE ROPE)

	1 ST Layer	5 TH Layer	10 TH Layer
Line Pull and Speed	120,073 lbs. @ 40 ft/min	78,729 lbs. @ 61 ft/min	55,027 lbs. @ 87 ft/min

INHAUL PERFORMANCE AT MAXIMUM SPEED (1-1/2 IN. WIRE ROPE)

	1 ST Layer	5 TH Layer	10 TH Layer
Line Pull and Speed	29,023 lbs. @ 166 ft/min	19,030 lbs. @ 253 ft/min	13,301 lbs. @ 361 ft/min

***For load lowering applications, please consult Conmaco for performance data.**

Corp. Headquarters: 1602 Engineers Road, Belle Chasse, LA 70037, Tel. 504-393-7330, Fax: 504-393-8715
 Email: sales@conmaco.com

3036 Yadkin Road
 Chesapeake, VA 23323
 Tel. 757-485-5010
 Fax: 757-485-0856

5152 W. 127th St.
 Alsip, IL 60803
 Tel. 708-597-7766
 Fax: 708-653-3336

548 South Coy St.
 Kansas City, KS 66105
 Tel. 913-371-3930
 Fax: 913-371-7356

AMCON®

150



The AMCON® Model 150 is a heavy-duty air-controlled winch engineered for lifting and anchoring applications under a variety of operating conditions.

The standard machine is available in double or triple-drum waterfall configurations. Or, if required, the 150 is available in single-drum or four-drum configurations.

An engine-driven air compressor, air tank, stand-up local control console, and diesel fuel tank are furnished as standard equipment on the Model 150.

The AMCON 150 is just one example of how Conmaco, Inc. and Amhoist combine over 175 years of experience in the engineering and manufacturing

of a complete line of quality construction equipment.

AMCLYDE

CONMACO®

*Depend on our Quality.
Benefit from our Experience.*

AMCON 150

AIR-CONTROLLED WINCH

DRUM DIMENSIONS

Flange Diameter 30" (762 mm)
 Drum Diameter 14" (356 mm)
 Drum Length 28" (711 mm)

SPOOLING CAPACITY

1/2" Wire Rope 5,638' (1,718 m)
 5/8" Wire Rope 3,578' (1,091 m)
 3/4" Wire Rope 2,367' (721 m)
 7/8" Wire Rope 1,665' (507 m)
 1" Wire Rope 1,316' (401 m)

BRAKES

Each drum is equipped with a single external-contracting band-type brake. The brake is air-actuated, spring release and is complete with a spring-set override/parking brake feature. Static Holding Power First Layer
 Service 28,000 lbs. (12.7 MT)
 Service + Parking... 50,000 lbs. (22.6 MT)

CLUTCH

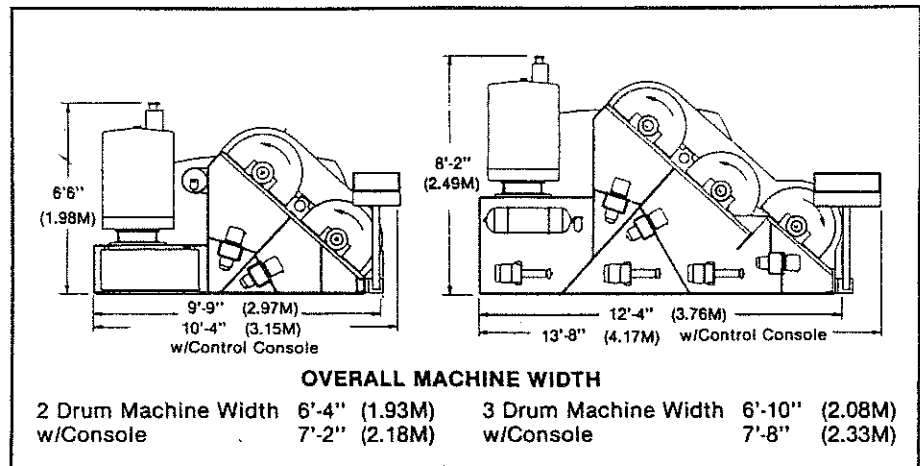
Each drum is equipped with a single internal-expanding tube-type clutch. The clutch is air-over-hydraulic actuated.

MAXIMUM SIZE WIRE ROPE

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

DRUM DOG

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



WEIGHTS (with standard diesel power)

Double-drum 9,055 lbs. (4.1 MT)
 Three-drum 12,466 lbs. (5.6 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 150 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 4-53N electric-starting diesel engine, driving through an Allison single-stage torque converter, using 1" wire rope.

	8th Layer (26.86" P. D.) Line Pull @ Line Speed	5th Layer (21.78" P. D.) Line Pull @ Line Speed	1st Layer (15.00" P. D.) Line Pull @ Line Speed
High 70%	5,764 lbs. @ 451 fpm	7,109 lbs. @ 364 fpm	10,322 lbs. @ 250 fpm
Max. Eff.	8,145 lbs. @ 313 fpm	10,045 lbs. @ 253 fpm	14,586 lbs. @ 174 fpm
Low 70%	11,755 lbs. @ 185 fpm	14,497 lbs. @ 150 fpm	21,049 lbs. @ 103 fpm
Stall	19,497 lbs.	24,045 lbs.	34,914 lbs.

For special applications, consult your nearest Conmaco office.

For further information, please contact the office nearest you:

COPORATE HEADQUARTERS: 1602 Engineers Road, Belle Chasse, LA 70037, Tel. 504-394-7330, Fax 504-393-8715

E-mail: sales@conmaco.com

548 So. Coy St.
 Kansas City, KS 66119
 Tel. 913-371-3930
 Fax 913-371-7356

3036 Yadkin Road
 Chesapeake, VA 23323
 Tel. 757-485-5010
 Fax 757-485-0856

5152 W. 127th St.
 Alsip, IL 60803
 Tel. 708-597-7766
 Fax 708-653-3336

AMCON®

270



The AMCON® Model 270 is a heavy-duty air-controlled winch engineered for lifting and anchoring applications under a variety of operating conditions.

The standard machine is available in double or triple-drum waterfall configurations. Or, if required, the 270 is available in single-drum or four-drum configurations.

An engine-driven air compressor, air tank, stand-up local control console, and diesel fuel tank are furnished as standard equipment on the Model 270.

The AMCON 270 is just one example of how Conmaco, Inc. and Amhoist combine over 175 years of experience in the engineering and manufacturing

of a complete line of quality construction equipment.

amhoist
AMERICAN HOIST & DERRICK COMPANY

CONMACO®
*Depend on our Quality.
Benefit from our Experience.*

AMCON 270

AIR-CONTROLLED WINCH

DRUM DIMENSIONS

Flange Diameter 50" (1,270 mm)
 Drum Diameter 16" (406 mm)
 Drum Length 26" (660 mm)

SPOOLING CAPACITY

3/4" Wire Rope 6,860' (2,091 m)
 7/8" Wire Rope 4,987' (1,521 m)
 1" Wire Rope 3,765' (1,148 m)
 1 1/8" Wire Rope 3,014' (919 m)
 1 1/4" Wire Rope 2,374' (723.6 m)

BRAKES

Each drum is equipped with a single external-contracting band-type brake. The brake is air-actuated, spring release and is complete with a spring-set override/parking brake feature.
 Static Holding Power First Layer
 Service 45,000 lbs. (20.4 MT)
 Service + Parking . . .80,000 lbs. (36.3 MT)

CLUTCH

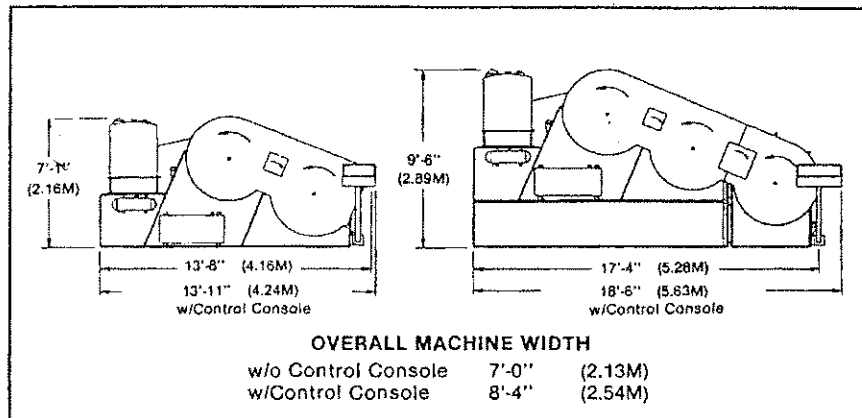
Each drum is equipped with a single internal-expanding band-type clutch. The clutch is air-actuated.

MAXIMUM SIZE WIRE ROPE

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

DRUM DOG

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



WEIGHTS (with standard diesel power)

Double-drum 18,000 lbs. (8.1 MT)
 Three-drum 27,186 lbs. (12.3 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 270 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 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.

For special applications, consult your nearest Conmaco office.

Corporate Headquarters: 1602 Engineers Road, Belle Chasse, LA 70037
Tel. 504-394-7330, Fax 504-393-8715

3036 Yadkin Road
 Chesapeake, VA 23323
 Tel. 757-485-5010
 Fax 757-485-0856

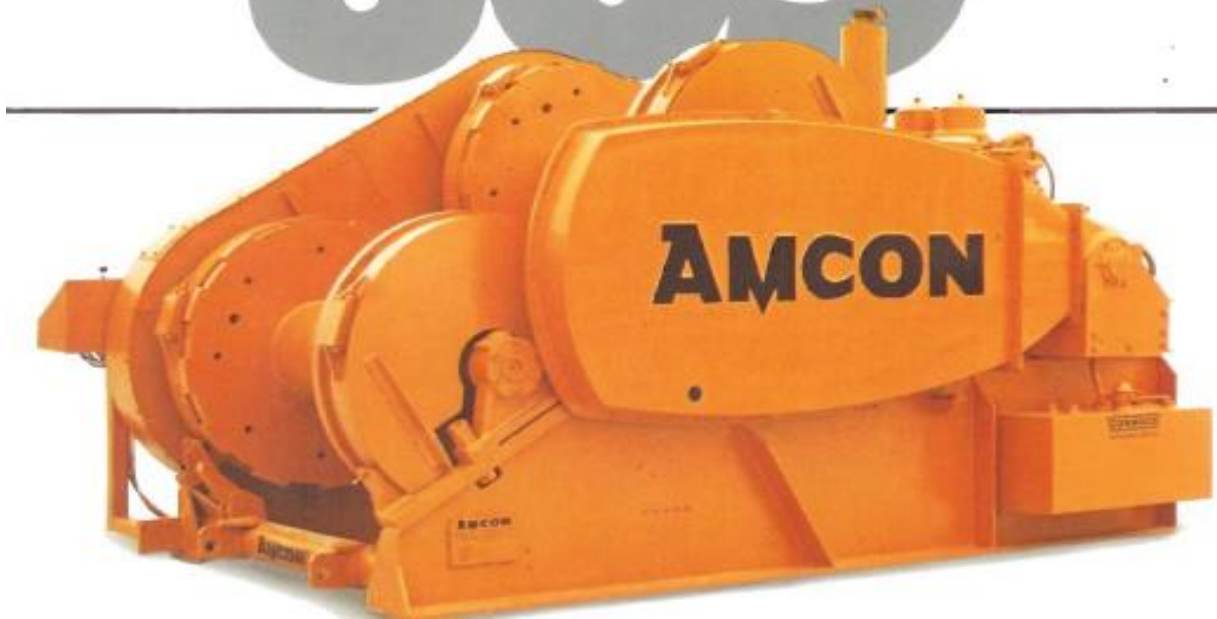
4744 W. 135th St.
 Crestwood, IL 60445
 Tel. 708-597-7766
 Fax 708-597-7956

548 So. Coy St.
 Kansas City, KS 66105
 Tel. 913-371-3930
 Fax 913-371-7356

11618 Hawn Freeway
 Dallas, TX 75253
 Tel. 972-286-8926
 Fax 972-286-4928

AMCON 385 WINCH

385



The AMCON Model 385 is a heavy duty, air controlled winch which is engineered for heavy lift, anchoring and derrick applications.

The standard 385 Model is available in double or triple drum waterfall configurations. As an option, the machine can be ordered in either single drum or four drum configurations.

An engine driven air compressor, air tank, stand up local control and diesel fuel tank are furnished as standard equipment.

The AMCON Model 385 is just one example of CONMACO's more than 100 years experience throughout the construction industry. We go beyond the ordinary in ways that really count and customers have come to regard us as a caring and responsible partner.

*Depend on our Quality.
Benefit from our Experience.*



AMCON 385 DOUBLE DRUM WINCH SPECIFICATIONS

DRUM DIMENSIONS:

Flange Diameter: 49.5" (1257mm)
 Drum Diameter: 18" (457mm)
 Drum Length: 37.5" (953mm)

SPOOLING CAPACITIES:

1" Wire Rope 6451' (1966m)
 1 1/8" Wire Rope: 5185' (1301m)
 1 1/4" Wire Rope: 4003' (1019m)
 1 3/8" Wire Rope: 3484' (867m)
 1 1/2" Wire Rope: 2954' (740m)

BRAKE:

The winch has a parking brake and service brake feature which actuate an external-contracting band-type brake on the drum. The parking brake is spring applied and air released while the service brake is air applied and spring released.

Static Brake Holding Capacity 1st Layer:
 Service 150,000 lbs.
 Service + Parking 305,000 lbs.

CLUTCH:

The winch is equipped with a manually actuated jaw-type clutch in the driveline to enable the drum to free spool.

POWER UNIT:

130hp Diesel Engine (Tier III, EPA compliant)

Two Speed, Forward/Reverse Transmission.

*Other power options are available upon customer request.

WEIGHTS: 30,500#
 Hoist Rental Skid: 850#

CONTROL CONSOLE:

The control console is a side-mounted stand-up-type console with the option of being remotely mounted.

WINCH DIMENSIONS:

Height 8'1"
 Length (w/console) 14'5"
 Width (w/console) 10'5"

MAX SIZE WIRE ROPE FOR ANCHORING 1-1/2"

*Theoretical line pull in pounds and line speed in feet per minute

PERFORMANCE DATA 1ST GEAR *

	1 ST LAYER	5 TH LAYER	10 TH LAYER
HIGH 70%	41,118# @ 53 fpm	33,540# @ 73 fpm	23,442# @ 104 fpm
MAX. EFF	51,153# @ 48 fpm	26,959# @ 81 fpm	18,845# @ 115 fpm
LOW 70%	84,471# @ 26 fpm	55,563# @ 40 fpm	38,835# @ 57 fpm
STALL	155,000#	100,333#	70,127#

PERFORMANCE DATA 2ND GEAR *

	1 ST LAYER	5 TH LAYER	10 TH LAYER
HIGH 70%	14,904# @ 146 fpm	9,7730# @ 223 fpm	6,830# @ 320 fpm
MAX. EFF	18,543# @ 132 fpm	12,158# @ 201 fpm	8,498# @ 287 fpm
LOW 70%	30,719# @ 72 fpm	20,142# @ 109 fpm	14,078# @ 156 fpm
STALL	55,470#	86,391#	25,421#

1602 Engineers Rd ,
 Belle Chasse, LA 70037
 Tel. 504-393-7330
 Fax: 504-393-8715
 E-mail: sales@conmaco.com

1220 Alamoot Dr.
 Chesapeake, VA 23322
 Tel. 757-285-9879
 Butch @conmaco.com

14808 S. Cicero
 Oak Forest, IL 60452
 Tel. 708-926-9181
 Fax 708-926-9068
 DDaniels@conmaco.com

AMCON®

625



The AMCON® Model 625 is a heavy-duty air-controlled hoist arranged for heavy lift, anchoring and derrick applications.

The standard machine is available in a double-drum waterfall configuration. On special order the 625 is available in other configurations to suit your needs.

An engine-driven air compressor, air tank, stand-up local control console, and diesel fuel tank are furnished as standard equipment on the Model 625.

The AMCON 625 is just one example of how Conmaco, Inc. uses their years of experience in the engineering and manufacturing of a complete

line of quality construction equipment.

AMCLYDE

CONMACO®

*Depend on our Quality.
Benefit from our Experience.*

AMCON 625

AIR-CONTROLLED HOIST

DRUM DIMENSIONS

Flange Diameter 67" (1702 mm)
 Drum Diameter 25.5" (648 mm)
 Drum Length 48" (1219 mm)

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 brake is air-actuated, spring release 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

DRUM DOG

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

WEIGHTS (with standard diesel power)

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

CONTROL CONSOLE

Side mounted stand-up

type (Shown) Standard

Swing-around, seated Optional

Forward facing,

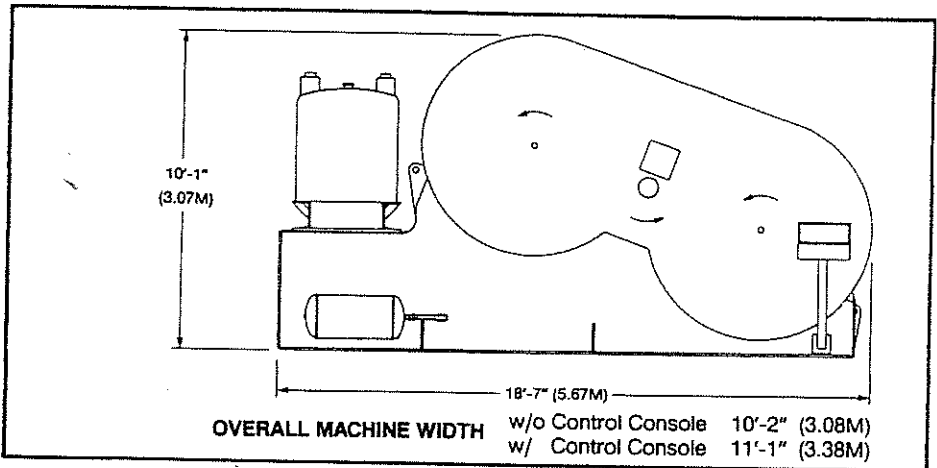
seated with cab Optional

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.

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.



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.

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.)		6th Layer (42.22" P.D.)		1st Layer (27.25" P.D.)	
	SLP (pounds)	@ SLS (feet/minute)	SLP (pounds)	@ SLS (feet/minute)	SLP (pounds)	@ SLS (feet/minute)
High 70%						
High	8,112	@ 658	11,565	@ 462	17,919	@ 298
Second	18,172	@ 294	25,907	@ 206	40,138	@ 133
Low	32,450	@ 165	46,262	@ 115	71,676	@ 74
Max. Eff.						
High	10,675	@ 456	15,219	@ 320	23,580	@ 207
Second	23,913	@ 204	34,090	@ 143	52,818	@ 92
Low	42,701	@ 114	60,876	@ 80	94,318	@ 52
Low 70%						
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
Stall						
High	24,457		36,292		56,229	
Second	57,023		81,293		125,953	
Low	101,827		145,167		224,915	

For further information, please contact the office nearest you:

COPORATE HEADQUARTERS: 1602 Engineers Road, Belle Chasse, LA 70037, Tel. 504-394-7330, Fax 504-393-8715

E-mail: sales@conmaco.com

548 So. Coy St.
 Kansas City, KS 66119
 Tel. 913-371-3930
 Fax 913-371-7356

3036 Yadkin Road
 Chesapeake, VA 23323
 Tel. 757-485-5010
 Fax 757-485-0856

5152 W. 127th St.
 Alsip, IL 60803
 Tel. 708-597-7766
 Fax 708-653-3336

AMCON®

750



The AMCON® Model 750 is a heavy-duty air-controlled winch arranged for heavy lift, anchoring and derrick applications.

The standard machine is available in a double-drum waterfall or single drum flat bed configuration. Or, if required, the 750 is available in other configurations to suit your needs.

An engine-driven air compressor, air tank, stand-up local control console, and diesel fuel tank are furnished as standard equipment on the Model 750.

The AMCON 750 is just one example of how Conmaco, Inc. and Amhoist combine over 175 years of experience in the engineering and manufacturing

of a complete line of quality construction equipment.

AMCLYDE

CONMACO®

*Depend on our Quality.
Benefit from our Experience.*

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

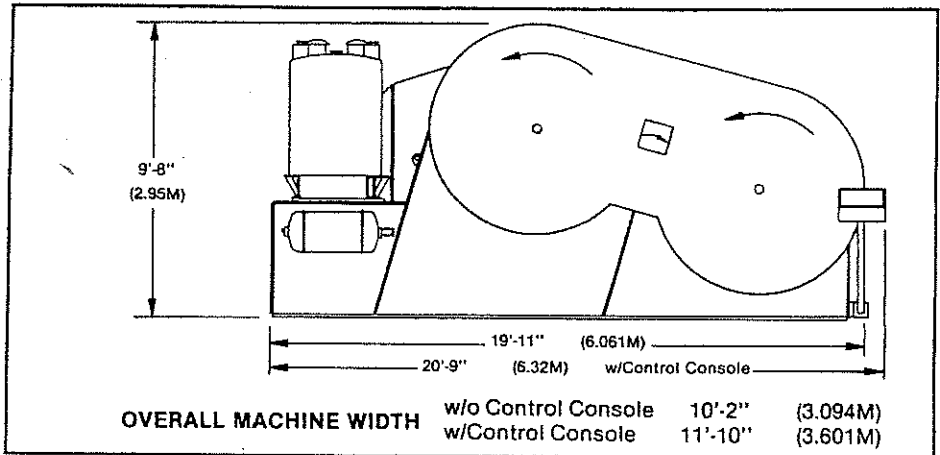
Side mounted stand-up type (Shown) Standard
 Swing-around, seated Optional
 Forward facing, seated with cab Optional

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,



OVERALL MACHINE WIDTH w/o Control Console 10'-2" (3.094M)
 w/Control Console 11'-10" (3.601M)

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.

For further information, please contact the office nearest you:

COPORATE HEADQUARTERS: 1602 Engineers Road, Belle Chasse, LA 70037, Tel. 504-394-7330, Fax 504-393-8715

E-mail: sales@conmaco.com

548 So. Coy St.
 Kansas City, KS 66119
 Tel. 913-371-3930
 Fax 913-371-7356

3036 Yadkin Road
 Chesapeake, VA 23323
 Tel. 757-485-5010
 Fax 757-485-0856

5152 W. 127th St.
 Alsip, IL 60803
 Tel. 708-597-7766
 Fax 708-653-3336