

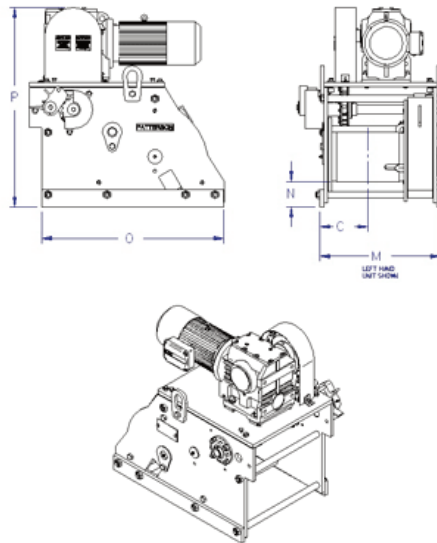


1074 Kenran Industrial Dr.
St. Louis, MO 63137
Phone: 1-800-381-9968

HUMCO DECK FITTINGS

Patterson Electric Winch

TOWBOAT WINCHES: The Electric Winch



Patterson's full electric winches are designed for durability and ease of operation. Our electric winches are available from 20- to 90-ton capacities. Galvanized winches for optimal corrosion protection are also available.

- Optional saltwater-corrosion protection package includes stainless steel shafts, nuts and bolts, hot-dipped galvanized, and anti-seize on all threads or fasteners
- Thermostatically protected motor
- Machined alloy gearing
- NEMA 4 spring-loaded electric brake
- Manual locking dog for emergency backup use
- Heavy-duty roller chain, sprockets and roller bearings
- High-strength phosphor bronze bearings
- 208V or 230/460V-3 Phase-60Hz high torque motors (other voltages available)
- Bolted keeper plate allows fast, easy shaft removal
- Rope and gear guards protect wire rope and enclose the gearing

TONNAGE **HP** **VOLTAGE** **HAND**
WWP 40 E - 5.0 - 14 - 230 - G - R
POWER **DRUM WIDTH** **FINISH**

Performance Data* approximate (lbs.)							Drum Capacities* approximate					
	Dog Holding Capacity	Brake Holding Capacity	Line Pull 1st Wrap	Line Speed 1st Wrap	Stall Pull 1st Wrap	Ult Shock Load	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"
WWP 20E-3.0	40,000	43,000	6987	14.7	20,900	40,000	220'	140'	100'	xx	xx	xx
WWP 30E-3.0	60,000	47,000	7600	13.4	23,000	60,000	xx	120'	85'	75'	xx	xx
WWP 30E-5.0	60,000	33,000	9000	18	33,000	60,000	xx	120'	85'	75'	xx	xx
WWP 40E-5.0	80,000	40,000	9,000	14.5	24,000	80,000	xx	xx	180'	130'	100'	xx
WWP 40E-7.5	80,000	75,000	9,900	18	40,500	80,000	xx	xx	180'	130'	100'	xx
WWP 65E-7.5	130,000	99,000	13,000	14	36,000	130,000	xx	xx	xx	230'	180'	150'
WWP 65E-12.5	130,000	80,000	16,000	24	47,000	130,000	xx	xx	xx	230'	180'	150'
WWP 75E-12.5	150,000	90,000	19,000	21	54,000	150,000	xx	xx	xx	xx	190'	150'

Dimensions* approximate (in.)							(lbs.)	
Drum Diameter	C	M	N	O	P		Weight Net	Approximate Shipping
WWP 20E-3.0	8.62	5.81	14.75	6.5	35	32.5	830	880
WWP 30E-3.0	10	8.81	19	5 67/77	35	32 32/33	1,015	1,065
WWP 30E-5.0	10	8.81	19	5 67/77	35	32 32/33	1,020	1,070
WWP 40E-5.0	10	9.19	24.5	5.16	37	40.15	1,415	1,465
WWP 40E-7.5	10	9.19	24.5	5.16	37	40.15	1,430	1,480
WWP 65E-7.5	14	10.75	25.75	6.5	38	48	2,140	2,190
WWP 65E-12.5	14	10.75	25.75	6.5	38	48	2,150	2,200
WWP 75E-12.5	16	8	22.25	8.25	45	52	2,400	2,450

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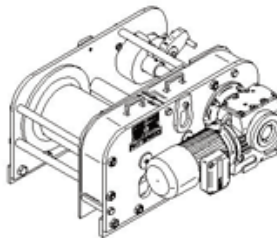
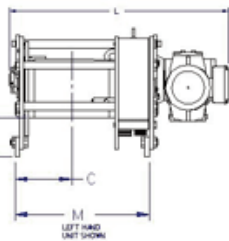
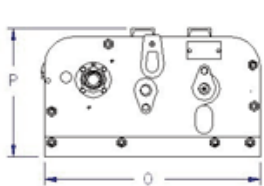


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HUMCO DECK FITTINGS

Patterson Low-Profile Electric Winch

TOWBOAT WINCHES: The Low-Profile Electric Winch



When winch height is limited, the Patterson Low-Profile Electric Winch is your solution.

- Manual locking dog for emergency use
- The Low-Profile electric winches provide high-line speed and high-line pull
- This series of winches range from 20-ton through 90-ton capacities
- The Low-Profile winch design has fewer parts creating lower maintenance
- Full rope guard to protect the wire rope from being fouled by the gearing
- Full gear shroud to protect gearing and help provide personal protection
- Units available in right or left hand models
- Motor sizes range from 3 HP to 12.5 HP, 208 Volt, 230/460 Volt, 3 phase with thermostat relays
- Galvanized winches for optimal corrosion protection available

TONNAGE **HP** **TYPE** **FINISH**
WWP 40 E - 5.0 - 14 - LP - 230 - G - R
POWER **DRUM WIDTH** **VOLTAGE** **HAND**

	Performance Data* approximate (lbs.)						Drum Capacities* approximate					
	Dog Holding Capacity	Brake Holding Capacity	Line Pull 1st Wrap	Line Speed 1st Wrap	Stall Pull 1st Wrap	Ult Shock Load	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"
WWP 20E-3.0	40,000	24,500	3,400	27	10,000	40,000	220'	140'	100'	xx	xx	xx
WWP 30E-5.0	60,000	26,000	7,200	19	18,700	60,000	xx	120'	85'	65'	xx	xx
WWP 40E-5.0	80,000	22,000	6,000	23	15,800	80,000	xx	xx	180'	130'	100'	xx
WWP 40E-7.5	80,000	37,800	9,600	26.5	26,600	80,000	xx	xx	180'	130'	100'	xx
WWP 65E-7.5	130,000	39,000	10,000	25.5	27,600	130,000	xx	xx	xx	230'	180'	150'
WWP 75E-12.5	150,000	77,000	16,000	24.5	41,000	150,000	xx	xx	xx	xx	190'	150'

	Dimensions* approximate (in.)							(lbs.)	
	Drum Diameter	C	M	N	O	L	P	Weight Net	Approximate Shipping
WWP 20E-3.0	8.62	5.66	13.5	7	35	26.62	22.1	830	830
WWP 30E-5.0	10	7.5	17.62	6.5	35	31	21.94	1,020	1,020
WWP 40E-5.0	10	9.72	23	6.66	37	37.5	21.96	1,415	1,415
WWP 40E-7.5	10	9.72	23	6.66	37	38.02	21.96	1,430	1,430
WWP 65E-7.5	14	9	23.75	7.25	40	38	30.28	2,140	2,140
WWP 75E-12.5	16	10	28.75	8	45	51.61	38	2,400	2,400

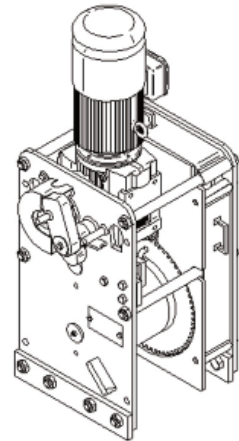
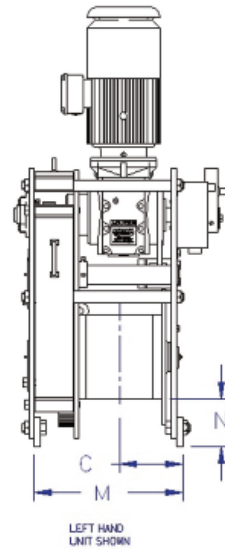
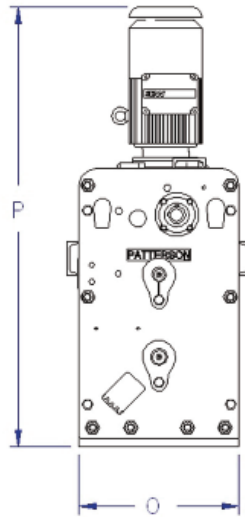
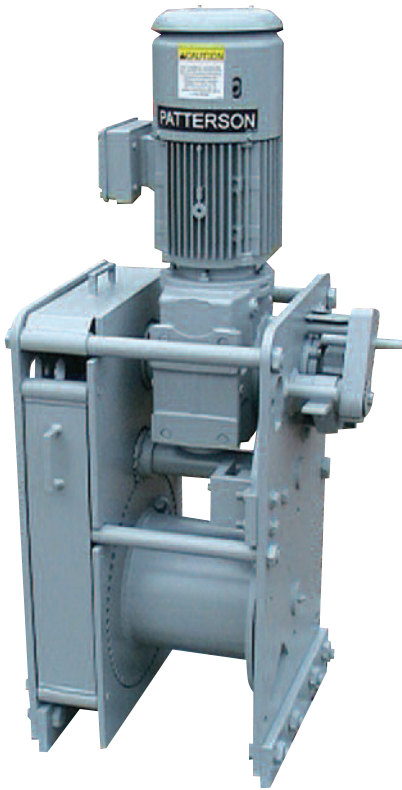


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HUMCO DECK FITTINGS

Patterson Upright Winch

TOWBOAT WINCHES: The Upright Winch



LEFT HAND
UNIT SHOWN

TONNAGE **HP** **TYPE** **FINISH**
WWP 30 E - 5.4 - 10 - U - 230 - G - R
POWER **DRUM WIDTH** **VOLTAGE** **HAND**

Performance Data* approximate (lbs.)							Drum Capacities* approximate					
Dog Holding Capacity	Brake Holding Capacity	Line Pull 1st Wrap	Line Speed 1st Wrap	Stall Pull 1st Wrap	Ult Shock Load		1/2"	5/8"	3/4"	7/8"	1"	1 1/8"
WWP 30E-5	60,000	46,800	10,800	16	30,300	60,000	xx	120'	85'	65'	xx	xx

Dimensions* approximate (in.)							(lbs.)	
Drum Diameter	C	M	N	O	P		Weight Net	Approximate Shipping
WWP 30E-5	10	7.5	17.62	5.62	19	52.14	640	690

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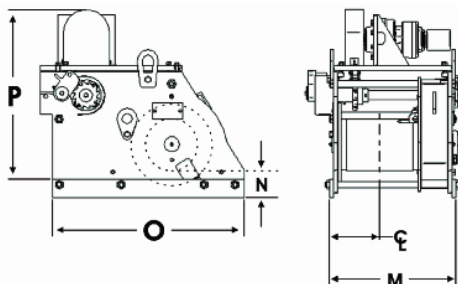
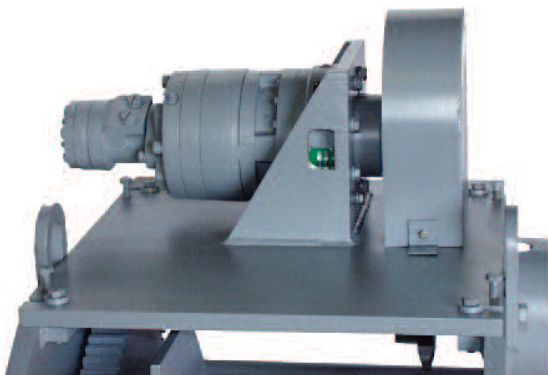


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HUMCO DECK FITTINGS

Patterson Hydraulic Winch

TOWBOAT WINCHES: The Fully Hydraulic Winch



The Patterson fully Hydraulic Winch is designed for durability and ease of operation. Our hydraulic winches are available from 20- to 90-ton capacities. Galvanized winches for optimal corrosion protection are also available.

- Optional saltwater-corrosion protection package includes stainless steel shafts, nuts and bolts, hot-dipped galvanized, and anti-seize on all threads or fasteners
- Disc brake is motor-mounted, fully enclosed, spring-applied and hydraulically released
- Manual locking dog for emergency use
- Vary take-up speed simply by varying input flow
- Heavy-duty roller chain and sprockets
- Heavy-duty roller bearings, high-strength phosphor bronze bearings
- Operates from vessel's existing hydraulic system
- High efficiency planetary gear head
- Bolted keeper plate allows fast, easy shaft removal
- Rope and gear guards protect wire rope and enclose the gearing
- Brake, shuttle valves and controls available upon request

	Performance Data* approximate (lbs.)				Drum Capacities* approximate						
	Brake/Dog Holding Capacity	Line Speed 1st Wrap	Stall Pull 1st Wrap	Hydraulic Supply	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"
WWP 20H-6-L/R	40,000	21	15,000	16 GPM at 2,000 psi	220"	140"	100"	xx	xxx	xxx	xxx
WWP 30H-10-L/R	60,000	20	19,000	20 GPM at 2,000 psi	xx	120'	85'	65'	xx	xx	xx
WWP 40H-14-L/R	80,000	21	20,000	20 GPM at 2,250 psi	xx	xx	180'	130'	100'	xx	xx
WWP 50H-14-L/R	100,000	22	21,000	20 GPM at 2,250 psi	xx	xx	180'	130'	100'	xx	xx
WWP 65H-14-L/R	130,000	16	27,000	20 GPM at 2,250 psi	xx	xx	xx	230'	180'	150'	xxx
WWP 75H-10-L/R	150,000	12	37,000	20 GPM at 2,250 psi	xx	xx	xx	xx	190'	150'	125'

11

	Dimensions* approximate (in.)							(lbs.)	
	Drum Diameter	Drum Width	C/L	M	N	O	P	Net	Shipping
WWP 20H-6-L/R	8.625	6.875	5.8125	15	5.5	35	32.75	800	850
WWP 30H-10-L/R	10	10	8.8125	19	4.875	35	32.75	1,000	1,050
WWP 40H-14-L/R	10	14.375	9.1875	24.5	4	37	38.5	1,400	1,450
WWP 50H-14-L/R	10	14.375	9.1875	24.5	4	37	40	1,450	1,500
WWP 65H-14-L/R	14	14	10.75	25.75	5.5	40	48	2,125	2,175
WWP 75H-10-L/R	16	10	8	22.25	8.25	45	52	2,375	2,475

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