



Price Schedule **2012B**

Effective January 1, 2012

THERN CUSTOMER SERVICE

hours:	7:30 AM to 5:30 PM CST
toll-free:	800-843-7648
phone:	507-454-2996
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web:	www.thern.com

ASK US ABOUT THESE VALUE-ADDED SERVICES

Expedited Delivery

When you need better than standard delivery, we can hand-hold your order from entry to shipment to ensure best delivery.

Engineered Solutions

We embrace any opportunity to put our years of experience to the task to help you come up with a unique, custom engineered solution to your most demanding applications.

System Solutions

Sheaves, controls, rigging – we can help put together the best system to solve your lifting, pulling or tensioning need.

Technical Assistance

Not sure how to select the right winch for your application? Let one of our experienced technical sales engineers help you, every step of the way.

Wire Rope

Winches need wire rope, and we can help you select the best wire rope for your application and supply it with the winch if you wish. We can even spool it onto the drum for you, to save you valuable time in installation.

Leasing Options

Sometimes it's nice to have options. Just ask and we can give you full details on leasing and other options for financing Thern products.

TERMS

Visit our website at www.thern.com/customer/terms for most recent terms of sale.

All orders are subject to Credit Department approval and are F.O.B., Winona, MN.

- Freight** To minimize any shipping delays, Thern, Inc. reserves the right to use the carrier of its choice. For separate freight charge invoices, terms are net 15 days. Thern, Inc. reserves the right to apply a shipping and handling fee to all freight charges. We do not supply copies of original freight invoices. Thern, Inc. will attempt to comply with specific routing instructions, designated as the purchaser's responsibility, only when provided on each individual phone, fax or mail order at time of order. Blanket instructions are not acceptable unless specified on each order.
- Small Package Service** Shipments routed via United Parcel Service (UPS) or Federal Express will have a \$5.00 handling charge.
- Claims** On all F.O.B. factory shipments, title to the merchandise passes to the purchaser at the time the merchandise leaves Thern, Inc.'s factory dock. The purchaser should inspect the merchandise thoroughly when received for damage or shortages and should not sign for the merchandise until satisfied that all merchandise has arrived in good condition. Any claim for loss or damage by the purchaser must be settled with the carrier. Thern, Inc. accepts no responsibility for losses or delays in transit.
- Minimum Billing** The minimum billing is \$25.00 per order, plus freight charges.
- Returns** Thern, Inc.'s prior approval is required before any merchandise is returned. Approved returned merchandise must have an RGA# (Returned Goods Authorization Number) issued by Thern, Inc.
- No returns will be accepted by Thern, Inc. without an RGA#.** Approved returned merchandise will have a minimum applied charge of 25% of original cost, subject to condition upon receipt. Thern does not accept collect shipments. Non-standard or modified products are non-returnable.
- Any approved merchandise returned to Thern, Inc. will be reviewed by Thern, Inc. and the purchaser shall be notified of the cost for reconditioning within 30 days. The purchaser shall have 30 days after notification by Thern, Inc. to either authorize reconditioning of the merchandise or otherwise direct the disposition of the merchandise. In the event the purchaser does not notify Thern, Inc. within the 30 day period, Thern, Inc. shall consider the merchandise abandoned and shall dispose of the merchandise.
- Conditions** Possession of this catalog is not to be construed as an offer to sell by Thern, Inc. Products may be discontinued or changed (modified and/or improved) without notice. All orders are subject to prices established by Thern, Inc. at the time of shipment and prices are subject to change without notice. Please contact Thern, Inc. for current pricing.
- Certificates** There is a minimum \$25.00 charge for a Quality Assurance Certification.
- Cancellation** Orders may be cancelled only with written approval from Thern, Inc. and with terms that will indemnify Thern, Inc. against all loss.
- Documents** Thern, Inc. will supply up to two (2) owner's manuals and two (2) assembly drawings at no charge. Additional manuals and drawings are \$5.00 each.

PAYMENT OPTIONS

- Best Source:** Thern, Inc. sells through a nationwide network of industrial and specialty distributors. For the name of a Thern Distributor near you, call Thern Customer Service at 1-800-843-7648 or visit us online at www.thern.com.
- Account:** Orders can ship to open accounts upon Credit Department approval.
- Credit Card:** Thern, Inc. accepts MasterCard, VISA and American Express with no surcharge. All credit card orders are processed immediately upon authorization. Your account will not be charged until we have processed your order for shipment.
- COD:** Thern, Inc. can ship your order COD.

SECTION 1 – HAND WINCHES



M4022PB



M4312PBSS



M452B



M492



4WM2



FVC-1000

model no.	description	approx. ship wt.	user price
HAND WINCH – DIRECT DRIVE			
M401	500 lb (for pulling only) – marine duty	8 lb	\$ 96
SPUR GEAR HAND WINCHES – SINGLE REDUCTION			
M4022	1000 lb (for pulling only) – marine duty	12 lb	\$ 206
M4022PB	1000 lb with brake (for lifting) – marine duty	17 lb	333
M4032	1000 lb (for pulling only) – marine duty	14 lb	218
M4032PB	1000 lb with brake (for lifting) – marine duty	18 lb	351
SPUR GEAR HAND WINCHES – DOUBLE REDUCTION			
M4312	2000 lb (for pulling only) – marine duty – double gear	23 lb	\$ 429
M4312PB	2000 lb with brake (for lifting) – marine duty – double gear	28 lb	567
M4412	2000 lb (for pulling only) – marine duty – double gear	25 lb	466
M4412PB	2000 lb with brake (for lifting) – marine duty – double gear	30 lb	589
SPUR GEAR HAND WINCHES – STAINLESS STEEL			
M4042PBSS	1000 lb with brake (for lifting) – stainless steel – single gear	24 lb	\$ 894
M4312PBSS	2000 lb with brake (for lifting) – stainless steel – double gear	28 lb	1,200
SPUR GEAR HAND WINCHES – DOUBLE REDUCTION			
M452	4000 lb (for pulling only) – marine duty – double gear	83 lb	\$ 1,225
M452B	4000 lb with brake (for lifting) – marine duty – double gear	91 lb	1,495
M452B-A	4000 lb with brake (for lifting) – 4" drum width – marine duty – double gear	83 lb	1,410
M492	10,000 lb (for pulling only) – marine duty – double gear	166 lb	1,865
M492B	10,000 lb with brake (for lifting) – marine duty – double gear	173 lb	2,185
M492-12	10,000 lb (for pulling only) – 12" drum width – marine duty – double gear	175 lb	1,945
M492B-12	10,000 lb with brake (for lifting) – 12" drum width – marine duty – double gear	190 lb	2,255
■ MB451	disc brake only for M452 (for lifting)	13 lb	328
■ MB491	disc brake only for M492 and M492-12 (for lifting)	15 lb	368
■ HW452	hand wheel only for M452 (for pulling only)	19 lb	439
■ HW492	hand wheel only for M492 and M492-12 (for pulling only)	20 lb	461
WORM GEAR HAND WINCHES			
Contact factory for conversion to wall or ceiling mount style.			
465	750 lb (recommended for pulling only) – open gears	12 lb	\$ 167
462	1000 lb (recommended for pulling only) – enclosed gearing	15 lb	268
4622PB	1000 lb with brake (for lifting) – enclosed gearing	21 lb	461
472	2000 lb (recommended for pulling only) – enclosed gearing	32 lb	411
4WM2	2000 lb with brake (for lifting) – enclosed gearing – drill driveable	41 lb	706
482	4000 lb (recommended for pulling only) – enclosed gearing	100 lb	1,065
482B	4000 lb with brake (for lifting) – enclosed gearing	113 lb	1,400
SPECIAL PURPOSE HAND WINCHES			
FVC-1000	1000 lb with band brake - for opening smoke hatch doors	31 lb	\$ 738

SECTION 2 – POWER WINCHES

4WP2 AND 4WP2T SERIES — WORM GEAR POWER WINCHES

Standard motor is 115/1/60 VAC TEFC, for other configurations add motor code to model number when ordering.

Standard 4WP2 includes 8 ft power cord with grounded plug and push button pendant control on 6 ft cord.

Standard 4WP2T8 and 4WP2TC include 16 ft power cord with grounded plug and push button pendant control on 16 ft cord.

Please order wire rope separately.



4WP2T8-2000-8

model no.	description	approx. ship wt.	user price
4WP2	2000 lb – 1.3 hp – 115 VAC – ATLAS – with brake for lifting	85 lb	\$ 1,725
4WP2T8-2000-8	2000 lb – 1.3 hp – 115 VAC – ATLAS – 8" drum – with brake for lifting	101 lb	1,965
4WP2TC-2000-8	2000 lb – 1.3 hp – 115 VAC – ATLAS – 5.5" drum – clutch model – horizontal pulling only	106 lb	2,240
■ A ¹	115 volt 1 phase motor – no controls or power cord – TENV		less \$125
■ B ¹	230 volt 1 phase motor – no controls or power cord – TEFC		add \$45
■ D ¹	230 volt 3 phase motor – no controls or power cord – TEFC		add \$90
■ E ¹	460 volt 3 phase motor – no controls or power cord – TEFC		add \$90
■ F ¹	all other voltages or hertz		CALL
■ PN	8-vane air motor with controls (mounted)		add \$ 540
■ TPL-4WP2T8	two part line kit – not available on 4WP2 series	4 lb	303

Order controls separately, see Electric Drum Control Switches below.

4WP2D SERIES — HIGH SPEED WORM GEAR POWER WINCHES

When ordering, please indicate Model Number and Extensions.

Please order wire rope separately. Please order controls separately, see Electric Drum Control Switches below.



4WP2D8-800-26

model number	model number extensions			description	approx. ship wt. (lb)	user price	
	load rating	line speed	motor codes			115/230 1 phase	230/460 3 phase
High Speed Atlas winches for lifting or pulling							
4WP2D8	800	26	A,B,D,E	1 hp – ATLAS electric with brake, no controls	100	\$ 1,930	\$ 1,900
4WP2D8	800	40	D,E	1.5 hp – ATLAS electric with brake, no controls	100	–	1,930
4WP2D8	1500	26	D,E	2 hp – ATLAS electric with brake, no controls	100	–	2,010
4WP2D8	1500	40	B,D,E	3 hp – ATLAS electric with brake, no controls	100	2,055	2,030
High Speed Clutch Models for horizontal pulling only							
4WP2DC	800	26	A,B,D,E	1 hp – ATLAS electric with brake and clutch, no controls	100	2,185	2,160
4WP2DC	800	40	D,E	1.5 hp – ATLAS electric with brake and clutch, no controls	100	–	2,185
4WP2DC	1500	26	D,E	2 hp – ATLAS electric with brake and clutch, no controls	100	–	2,265
4WP2DC	1500	40	B,D,E	3 hp – ATLAS electric with brake and clutch, no controls	100	2,315	2,295
■ TPL-4WP2T8	two part line kit – not available on 4WP2 series				4 lb		303

motor codes		
A	115 volt	1 phase
B	230 volt	1 phase
D	230 volt	3 phase
E	460 volt	3 phase
F	All other voltages – please contact factory	
PN	Please contact factory	

477 SERIES — HELICAL/WORM GEAR POWER WINCHES

All 115 VAC models include 8 ft power cord with grounded plug.

Please specify voltage and phase when ordering. Please order wire rope separately.



4771

model no.	description	approx. ship wt.	user price
4771	2000 lb – 1.2 hp – 115 VAC – 1 phase electric with 6 ft pendant control	88 lb	\$ 2,000
4771AC-1PH ¹	2000 lb – 1.2 hp – 115 VAC – 1 phase electric (without controls)	87 lb	1,925
4771AC-1PH2 ¹	2000 lb – 1.5 hp – 115/230 VAC – 1 phase electric (without controls)	115 lb	2,075
4771AC-3PH ¹	2000 lb – 1.5 hp – 230/460 VAC – 3 phase electric (without controls)	111 lb	2,045
4771DC	2000 lb – 1.0 hp – 12 VDC electric with 10 ft pendant control	105 lb	2,690
4771PN	2000 lb – 1.2 hp – pneumatic – 80 cfm at 100 psi (without controls or hoses)	70 lb	2,135
4771HY	2000 lb – 2.3 hp – hydraulic – 4 gpm at 1000 psi (without controls or hoses)	72 lb	2,410
4777	2000 lb – 1.2 hp – 115 VAC – 1 phase electric with 6 ft pendant control – 4" drum	93 lb	2,255
4777DC	2000 lb – 1.0 hp – 12 VDC electric with 10 ft pendant control – 4" drum width	105 lb	3,080
Order controls separately, see Electric Drum Control Switches below.			
■ 477PN-CNTRL	pneumatic control valve (not mounted or plumbed, no hoses)	6 lb	485
■ 477PN-HS6	6 ft hoses for pneumatic controls (not plumbed)	4 lb	119
■ 477HY-CNTRL	hydraulic control valve (not mounted or plumbed, no hoses)	5 lb	430
■ 477HY-HS6	6 ft hoses for hydraulic controls (not plumbed)	4 lb	106

ELECTRIC DRUM CONTROL SWITCHES

Drum control switches for 115 volt single phase motors up to 1.5 hp, include 8 ft power cord with grounded plug.

Please specify voltage, phase, and motor hp when ordering. For magnetic reversing starters see Section 8.



4771PN

model number	description	Voltage/Phase/Hertz with maximum rated motor hp				approx. ship wt.	user price
		115/1/60	230/1/60	230/3/60	460/3/60		
10L2A1	NEMA 1	to 1.5 hp	to 2 hp	to 3 hp	to 3 hp	3 lb	\$ 397
10L7E1	NEMA 1	to 1.5 hp	to 3 hp	to 5 hp	to 7.5 hp	3 lb	557
10L2A4	NEMA 4 – watertight	to 1.5 hp	to 2 hp	to 3 hp	to 3 hp	7 lb	616
10L7E4	NEMA 4 – watertight	to 1.5 hp	to 3 hp	to 5 hp	to 7.5 hp	7 lb	1,020
10P1A46	6 ft pendant control	to 1 hp	—	—	—	5 lb	330

SECTION 2 – POWER WINCHES CONT.

4WS SERIES – WORM/SPUR GEAR POWER WINCHES

When ordering, please indicate Model Number and Extensions. Please order wire rope and controls separately, see Section 8.



4WS1M6-1100-20-E-C

motor codes		
A	115 volt	1 phase
B	230 volt	1 phase
D	230 volt	3 phase
E	460 volt	3 phase
F	All other voltages – please contact factory	
PN	Please contact factory	

model number	model number extensions				description	approx. price		
	load rating	line speed	motor codes	clutch option		ship wt. (lb)	115/230 1 phase	230/460 3 phase
4WS1M6	800	15	A, B, D, E, F	C	.5 hp – electric with brake, no controls	155	\$ 2,565	\$ 2,545
4WS1M6	800	30	A, B, D, E, F	C	.75 hp – electric with brake, no controls	165	2,815	2,780
4WS1M6	800	40	A, B, D, E, F	C	1 hp – electric with brake, no controls	175	2,855	2,835
4WS1M6	1100	20	A, B, D, E, F	C	.75 hp – electric with brake, no controls	165	2,795	2,765
4WS1M6	1100	30	A, B, D, E, F	C	1 hp – electric with brake, no controls	175	2,850	2,815
4WS1M6	1100	40	D, E, F	C	1.5 hp – electric with brake, no controls	170	—	2,895
4WS1M6	1500	20	A, B, D, E, F	C	1 hp – electric with brake, no controls	175	2,880	2,840
4WS1M6	1500	30	D, E, F	C	1.5 hp – electric with brake, no controls	170	—	2,940
4WS1M6	1500	40	B, D, E, F	C	2 hp – electric with brake, no controls	180	3,180	3,110
clutch option for 4WS1M6 (for horizontal pulling only) – add:						5	941	941
4WS3M10	2000	15	A, B, D, E, F	C	1 hp – electric with brake, no controls	310	3,695	3,660
4WS3M10	2000	20	D, E, F	C	1.5 hp – electric with brake, no controls	305	—	3,745
4WS3M10	2500	20	B, D, E, F	C	2 hp – electric with brake, no controls	320	3,975	3,915
4WS3M10	3000	15	D, E, F	C	1.5 hp – electric with brake, no controls	305	—	3,795
4WS3M10	3000	20	B, D, E, F	C	2 hp – electric with brake, no controls	320	4,030	3,965
4WS3M10	3500	7	A, B, D, E, F	C	1 hp – electric with brake, no controls	330	3,870	3,795
4WS3M10	3500	15	B, D, E, F	C	2 hp – electric with brake, no controls	320	4,110	4,045
4WS3M10	3500	20	D, E, F	C	3 hp – electric with brake, no controls	330	—	4,170
clutch option for 4WS3M10 (for horizontal pulling only) – add:						8	974	974
4WS6M12	3000	10	D, E, F	C	1.5 hp – electric with brake, no controls	515	—	5,850
4WS6M12	3000	20	B, D, E, F	C	2 hp – electric with brake, no controls	530	6,080	6,020
4WS6M12	4000	10	B, D, E, F	C	2 hp – electric with brake, no controls	530	6,220	6,150
4WS6M12	4000	20	D, E, F	C	3 hp – electric with brake, no controls	540	—	6,360
4WS6M12	6000	4	A, B, D, E, F	C	1 hp – electric with brake, no controls	535	6,470	6,400
4WS6M12	6000	10	D, E, F	C	3 hp – electric with brake, no controls	540	—	6,600
4WS6M12	6000	20	D, E, F	C	5 hp – electric with brake, no controls	585	—	6,920
clutch option for 4WS6M12 (for horizontal pulling only) – add:						12	1,195	1,195

ELECTRIC DRUM CONTROL SWITCHES

Drum control switches for 115 volt single phase motors up to 1.5 hp, include 8 ft power cord with grounded plug. Please specify voltage, phase, and motor hp when ordering. For magnetic reversing starters see Section 8.



10L2A1

model number	description	Voltage/Phase/Hertz with maximum rated motor hp				approx. ship wt.	user price
		115/1/60	230/1/60	230/3/60	460/3/60		
10L2A1	NEMA 1	to 1.5 hp	to 2 hp	to 3 hp	to 3 hp	3 lb	\$ 397
10L7E1	NEMA 1	to 1.5 hp	to 3 hp	to 5 hp	to 7.5 hp	3 lb	557
10L2A4	NEMA 4 – watertight	to 1.5 hp	to 2 hp	to 3 hp	to 3 hp	7 lb	616
10L7E4	NEMA 4 – watertight	to 1.5 hp	to 3 hp	to 5 hp	to 7.5 hp	7 lb	1,020
10P1A46	6 ft pendant control	to 1 hp	—	—	—	5 lb	330

SECTION 3 – POWER WINCHES

4WS SERIES – WORM/SPUR GEAR POWER WINCHES

When ordering, please indicate Model Number and Extensions. Please order wire rope and controls separately, see Section 8.



4WS9M18-10000-10-E

motor codes		
D	230 volt	3 phase
E	460 volt	3 phase
F	All other voltages – please contact factory.	

model number	model number extensions			description	approx. ship wt. (lb)	user price 230/460 3 phase
	load rating	line speed	motor codes			
4WS9M18	7000	20	D, E, F	5 hp – electric with brake, no controls	1,098	\$ 8,850
4WS9M18	7000	30	D, E, F	7.5 hp – electric with brake, no controls	1,095	9,340
4WS9M18	10000	10	D, E, F	5 hp – electric with brake, no controls	1,098	8,850
4WS9M18	10000	20	D, E, F	7.5 hp – electric with brake, no controls	1,095	9,340
4WS9M18	10000	30	D, E, F	10 hp – electric with brake, no controls	1,151	10,100
4WS16M20	13000	15	D, E, F	7.5 hp – electric with brake, no controls	1,550	14,710
4WS16M20	13000	20	D, E, F	10 hp – electric with brake, no controls	1,610	15,750
4WS16M20	13000	35	D, E, F	15 hp – electric with brake, no controls	1,650	17,130
4WS16M20	16000	15	D, E, F	7.5 hp – electric with brake, no controls	1,550	14,710
4WS16M20	16000	20	D, E, F	10 hp – electric with brake, no controls	1,610	15,750
4WS26M26	22000	20	D, E, F	15 hp – electric with brake, no controls	3,110	26,730
4WS26M26	22000	25	D, E, F	20 hp – electric with brake, no controls	3,290	27,940
4WS26M26	22000	35	D, E, F	25 hp – electric with brake, no controls	3,350	30,120
4WS26M26	26000	10	D, E, F	10 hp – electric with brake, no controls	3,070	25,640
4WS26M26	26000	15	D, E, F	15 hp – electric with brake, no controls	3,110	26,730

4HS Series – Helical/Spur Gear Power Winches

Clutch option is for horizontal pulling only. Weight shown is without clutch, contact factory for clutch weight. Please order wire rope and controls separately, see Section 8.



4HS11M-11000-20-D-C

motor codes		
D	230 volt	3 phase
E	460 volt	3 phase
F	All other voltages – please contact factory.	

model number	model number extensions				description	approx. ship wt. (lb)	user price	
	load rating	line speed	motor codes	clutch option			230/460 3 phase	clutch adder
4HS6M	5000	15	D, E, F	C	2 hp – electric with brake, no controls	568	\$ 7,200	\$ 1,885
4HS6M	5000	20	D, E, F	C	3 hp – electric with brake, no controls	588	7,370	1,885
4HS6M	5000	30	D, E, F	C	5 hp – electric with brake, no controls	588	7,460	1,885
4HS6M	6600	15	D, E, F	C	3 hp – electric with brake, no controls	588	7,370	1,885
4HS6M	6600	25	D, E, F	C	5 hp – electric with brake, no controls	588	7,460	1,885
4HS6M	6600	40	D, E, F	C	7.5 hp – electric with brake, no controls	645	8,110	1,885
4HS11M	9000	20	D, E, F	C	5 hp – electric with brake, no controls	1,074	10,640	2,465
4HS11M	9000	30	D, E, F	C	7.5 hp – electric with brake, no controls	1,120	11,190	2,465
4HS11M	9000	40	D, E, F	C	10 hp – electric with brake, no controls	1,160	12,200	2,465
4HS11M	11000	15	D, E, F	C	5 hp – electric with brake, no controls	1,074	10,640	2,465
4HS11M	11000	20	D, E, F	C	7.5 hp – electric with brake, no controls	1,120	11,190	2,465
4HS11M	11000	30	D, E, F	C	10 hp – electric with brake, no controls	1,160	12,200	2,465
4HS16M	13000	20	D, E, F	C	7.5 hp – electric with brake, no controls	1,573	13,660	2,960
4HS16M	13000	25	D, E, F	C	10 hp – electric with brake, no controls	1,633	14,580	2,960
4HS16M	13000	40	D, E, F	C	15 hp – electric with brake, no controls	1,674	15,880	2,960
4HS16M	16000	10	D, E, F	C	5 hp – electric with brake, no controls	1,516	13,040	2,960
4HS16M	16000	15	D, E, F	C	7.5 hp – electric with brake, no controls	1,573	13,660	2,960
4HS16M	16000	20	D, E, F	C	10 hp – electric with brake, no controls	1,633	14,580	2,960
4HS26M	22000	15	D, E, F	C	10 hp – electric with brake, no controls	3,122	24,560	3,510
4HS26M	22000	25	D, E, F	C	15 hp – electric with brake, no controls	3,164	25,590	3,510
4HS26M	22000	30	D, E, F	C	20 hp – electric with brake, no controls	3,343	26,680	3,510
4HS26M	26000	15	D, E, F	C	10 hp – electric with brake, no controls	3,122	24,560	3,510
4HS26M	26000	20	D, E, F	C	15 hp – electric with brake, no controls	3,164	25,590	3,510
4HS26M	26000	25	D, E, F	C	20 hp – electric with brake, no controls	3,343	26,680	3,510
4HS40M	33000	20	D, E, F	C	20 hp – electric with brake, no controls	5,568	44,060	5,900
4HS40M	33000	30	D, E, F	C	30 hp – electric with brake, no controls	5,652	45,430	5,900
4HS40M	33000	40	D, E, F	C	40 hp – electric with brake, no controls	5,799	47,350	5,900
4HS40M	40000	20	D, E, F	C	20 hp – electric with brake, no controls	5,568	44,060	5,900
4HS40M	40000	25	D, E, F	C	30 hp – electric with brake, no controls	5,652	45,430	5,900
4HS40M	40000	35	D, E, F	C	40 hp – electric with brake, no controls	5,799	47,350	5,900
4HS56M	48000	20	D, E, F	C	30 hp – electric with brake, no controls	9,217	61,640	6,660
4HS56M	48000	30	D, E, F	C	40 hp – electric with brake, no controls	9,364	63,690	6,660
4HS56M	52000	35	D, E, F	C	50 hp – electric with brake, no controls	9,479	66,880	6,660
4HS56M	56000	20	D, E, F	C	30 hp – electric with brake, no controls	9,217	61,640	6,660
4HS56M	56000	25	D, E, F	C	40 hp – electric with brake, no controls	9,364	63,690	6,660
4HS56M	56000	30	D, E, F	C	50 hp – electric with brake, no controls	9,479	66,880	6,660



4HS40M-33000-20-E-C

SECTION 3 – POWER WINCHES CONT.

4HPF SERIES – HELICAL/PARALLEL GEAR POWER WINCHES

When ordering, please indicate Model Number and Extensions. Please order wire rope and controls separately, see Section 8.



4HPF5M-5000-20-E

motor codes		
D	230 volt	3 phase
E	460 volt	3 phase
F	All other voltages – please contact factory.	

model number	model number extensions			description	approx. ship wt. (lb)	user price 230/460 3 phase
	load rating	line speed	motor codes			
4HPF2M	2000	20	D, E, F	1 hp – electric with brake, no controls	170	\$ 3,255
4HPF2M	2000	35	D, E, F	2 hp – electric with brake, no controls	200	3,500
4HPF3M	3000	20	D, E, F	1.5 hp – electric with brake, no controls	250	4,385
4HPF3M	3000	35	D, E, F	3 hp – electric with brake, no controls	260	4,690
4HPF5M	5000	20	D, E, F	3 hp – electric with brake, no controls	495	6,070
4HPF5M	5000	35	D, E, F	5 hp – electric with brake, no controls	495	6,150
4HPF7M	7000	25	D, E, F	5 hp – electric with brake, no controls	645	7,570
4HPF7M	7000	40	D, E, F	7.5 hp – electric with brake, no controls	760	7,990
4HPF9M	9000	20	D, E, F	5 hp – electric with brake, no controls	1,000	11,080
4HPF9M	9000	40	D, E, F	10 hp – electric with brake, no controls	1,115	12,550
4HPF15M	15000	25	D, E, F	10 hp – electric with brake, no controls	1,340	16,070
4HPF15M	15000	35	D, E, F	15 hp – electric with brake, no controls	1,370	17,130
4HPF20M	20000	20	D, E, F	10 hp – electric with brake, no controls	2,395	24,830
4HPF20M	20000	40	D, E, F	25 hp – electric with brake, no controls	2,620	28,220
4HPF25M	25000	20	D, E, F	15 hp – electric with brake, no controls	3,185	33,400
4HPF25M	25000	40	D, E, F	30 hp – electric with brake, no controls	3,440	34,580

4HPFC SERIES – HELICAL/PARALLEL GEAR POWER WINCHES WITH CLUTCH

Clutch option is for horizontal pulling only. When ordering, please indicate Model Number and Extensions. Please order wire rope and controls separately, see Section 8.



4HPF7MC-7000-25-D

motor codes		
D	230 volt	3 phase
E	460 volt	3 phase
F	All other voltages – please contact factory.	

model number	model number extensions			description	approx. ship wt. (lb)	user price 230/460 3 phase
	load rating	line speed	motor codes			
4HPF2MC	2000	20	D, E, F	1 hp – electric with brake and clutch, no controls	265	\$ 4,800
4HPF2MC	2000	35	D, E, F	2 hp – electric with brake and clutch, no controls	295	5,030
4HPF3MC	3000	20	D, E, F	1.5 hp – electric with brake and clutch, no controls	275	6,110
4HPF3MC	3000	35	D, E, F	3 hp – electric with brake and clutch, no controls	295	6,400
4HPF5MC	5000	20	D, E, F	3 hp – electric with brake and clutch, no controls	545	8,450
4HPF5MC	5000	35	D, E, F	5 hp – electric with brake and clutch, no controls	545	8,550
4HPF7MC	7000	25	D, E, F	5 hp – electric with brake and clutch, no controls	700	10,360
4HPF7MC	7000	35	D, E, F	7.5 hp – electric with brake and clutch, no controls	755	10,900
4HPF9MC	9000	20	D, E, F	5 hp – electric with brake and clutch, no controls	1,245	15,200
4HPF9MC	9000	40	D, E, F	10 hp – electric with brake and clutch, no controls	1,360	16,380
4HPF15MC	15000	20	D, E, F	10 hp – electric with brake and clutch, no controls	1,580	21,260
4HPF15MC	15000	35	D, E, F	15 hp – electric with brake and clutch, no controls	1,620	22,290

4HWF SERIES – HELICAL/WORM GEAR POWER WINCHES

When ordering, please indicate Model Number and Extensions. Please order wire rope and controls separately, see Section 8.



4HWF2M-2000-25-E

motor codes		
D	230 volt	3 phase
E	460 volt	3 phase
F	All other voltages – please contact factory.	

model number	model number extensions			description	approx. ship wt. (lb)	user price 230/460 3 phase
	load rating	line speed	motor codes			
4HWF1M	1500	25	D, E, F	1.5 hp – electric with brake, no controls	190	\$ 3,820
4HWF1M	1500	35	D, E, F	2 hp – electric with brake, no controls	190	3,875
4HWF2M	2000	25	D, E, F	2 hp – electric with brake, no controls	235	4,270
4HWF2M	2000	35	D, E, F	3 hp – electric with brake, no controls	255	4,470
4HWF4M	4000	25	D, E, F	3 hp – electric with brake, no controls	480	6,240
4HWF4M	4000	35	D, E, F	5 hp – electric with brake, no controls	480	6,290
4HWF6M	6000	25	D, E, F	5 hp – electric with brake, no controls	650	8,120
4HWF6M	6000	35	D, E, F	7.5 hp – electric with brake, no controls	705	8,440
4HWF8M	8000	25	D, E, F	7.5 hp – electric with brake, no controls	1,120	12,800
4HWF8M	8000	35	D, E, F	10 hp – electric with brake, no controls	1,180	13,930

Ordering your crane is as easy as 1...2...3...

- 1** Base Model Crane
- 2** Winch Model (order wire rope separately)
- 3** Optional Finish* (crane only)
*leave blank for standard powder coat finish

For Example:

A 5122 Crane, with a M3 Winch and Stainless Steel Finish on Crane is Model No. 5122M3SS (\$1,565)

Order wire rope separately, see Section 9.



5122M1 with 522 Pedestal Base (base sold separately)



5110M1 with 510R Wheel Base (base sold separately)



B1766 Wire Rope Keeper

SECTION 4 – CRANES

model no.	description	approx. ship wt.	user price
5122 SERIES – PORTABLE DAVIT CRANES			
1 5122	up to 500 lb – portable davit – base model – powder coated – no winch	54 lb	\$ 346
2	M1 M4022PB-K – spur gear hand winch only – zinc plated	17 lb	340
	M3 M4042PBSS-K – spur gear hand winch only – stainless steel	24 lb	900
3	GAL galvanized finish – on crane only		70
	SS 304 stainless steel construction – on crane only		493

5122 SERIES – BASES AND ACCESSORIES – SOLD SEPARATELY			
■ 522	pedestal/socket base – powder coat finish – upright or flush mount	18 lb	\$ 135
■ 522GAL	pedestal/socket base – galvanized finish – upright or flush mount	18 lb	156
■ 522SS	pedestal/socket base – stainless steel – upright or flush mount	18 lb	268
■ 522W	wall mount base – powder coat finish	21 lb	256
■ 522WGAL	wall mount base – galvanized finish	21 lb	301
■ 522SSW	wall mount base – stainless steel	21 lb	451
■ 514	wheel base – enamel finish (includes 522 base)	80 lb	622
■ TK2P	base cover for 5122 bases – plastic		14
■ B1766	wire rope keeper – metal		15
■ RW50	cable spool – stainless steel	12 lb	292

5122 SERIES – POPULAR CONFIGURATIONS			
5122M1	up to 500 lb davit crane with M4022PB-K spur gear hand winch	71 lb	\$ 686
5122M1GAL	up to 500 lb davit crane with M4022PB-K spur gear hand winch – galvanized finish	71 lb	756
5122M3SS	up to 500 lb davit crane with M4042PBSS-K spur gear hand winch – stainless steel	78 lb	1,739

Cranes and bases also available in 316 stainless steel, please contact factory for more information.

5110 SERIES – PORTABLE DAVIT CRANES			
1 5110	up to 1000 lb – portable davit – base model – powder coated – no winch	160 lb	\$ 888
2	M1 M4312PB-K – spur gear hand winch only – zinc plated	28 lb	572
	M2 4WM2-K – worm gear hand winch only – powder coated (for epoxy finish call factory)	42 lb	711
	M3 M4312PBSS-K – spur gear hand winch only – stainless steel	28 lb	1,205
3	E2 4WP2-K electric winch – 115/1/60 VAC with 6 ft pendant control – enamel	85 lb	1,745
	E2X 4WP2-K electric winch – 115/1/60 VAC with 6 ft pendant control – epoxy	85 lb	2,425
	E4 4777-K electric winch – 115/1/60 VAC with 6 ft pendant control – enamel	110 lb	2,280
	E4X 4777-K electric winch – 115/1/60 VAC with 6 ft pendant control – epoxy	110 lb	2,760
3	E4DC 4777DC-K electric winch – 12 volt DC with 10 ft pendant control – enamel	105 lb	3,115
	GAL galvanized finish – on crane only		177
	SS 304 stainless steel construction – on crane only		1,117

5110 SERIES – BASES AND ACCESSORIES – SOLD SEPARATELY			
■ 510	pedestal base – powder coat finish – upright mount	52 lb	\$ 318
■ 510GAL	pedestal base – galvanized finish – upright mount	52 lb	389
■ 510SS	pedestal base – stainless steel – upright mount	52 lb	611
■ 510F	socket base – powder coat finish – flush mount	45 lb	218
■ 510FGAL	socket base – galvanized finish – flush mount	45 lb	245
■ 510SSF	socket base – stainless steel – flush mount	45 lb	411
■ 510W	wall mount base – powder coat finish	52 lb	378
■ 510WGAL	wall mount base – galvanized finish	52 lb	451
■ 510SSW	wall mount base – stainless steel	52 lb	700
■ 510R	wheel base – enamel finish (includes 510 base)	313 lb	1,345
■ ED120ML	heavy-duty drill-motor drive – 10 amp, 250 rpm – 120 VAC with 1 1/8" hex socket drive	25 lb	1,635
■ ED120BD	drill-motor drive – 7 amp, 400 rpm – 120 VAC with 1 1/8" hex socket drive	12 lb	689
■ TK3P	base covers for 5110 – plastic		17
■ B1766	wire rope keeper – metal		15
■ RW50	cable spool – stainless steel	12 lb	292

5110 SERIES – POPULAR CONFIGURATIONS			
5110M1	up to 1000 lb davit crane with M4312PB-K spur gear hand winch	188 lb	\$1,460
5110M1GAL	up to 1000 lb davit crane with M4312PB-K spur gear hand winch – galvanized finish	188 lb	1,637
5110M2	up to 1000 lb davit crane with 4WM2-K worm gear hand winch	202 lb	1,599
5110M3SS	up to 1000 lb davit crane with M4312PBSS-K spur gear hand winch – stainless steel	188 lb	3,210
5110E4	up to 1000 lb davit crane with 4777-K electric winch	270 lb	3,168

Cranes and bases also available in 316 stainless steel, please contact factory for more information.

SECTION 4 – CRANES CONT.



**5124M1 with 524 Pedestal Base
(base sold separately)**



RW50 Cable Spool



**5PT30J-M1 with 5BP30
Pedestal Base
(base sold separately)**

model no.	description	approx. ship wt.	user price
5124 SERIES – PORTABLE DAVIT CRANES			
1	5124 up to 2000 lb – portable davit – base model – powder coated – no winch	253 lb	\$ 1,595
1	M1 M4312PB-K – spur gear hand winch only – zinc plated	28 lb	572
	M2 4WM2-K – worm gear hand winch only – powder coated (for epoxy finish call factory)	42 lb	711
	M3 M4312PBSS-K – spur gear hand winch only – stainless steel	28 lb	1,205
2	E2 4WP2-K electric winch – 115/1/60 VAC with 6 ft pendant control – enamel	85 lb	1,745
	E2X 4WP2-K electric winch – 115/1/60 VAC with 6 ft pendant control – epoxy	85 lb	2,425
	E4 4777-K electric winch – 115/1/60 VAC with 6 ft pendant control – enamel	110 lb	2,280
	E4X 4777-K electric winch – 115/1/60 VAC with 6 ft pendant control – epoxy	110 lb	2,760
3	E4DC 4777DC-K electric winch – 12 volt DC with 10 ft pendant control – enamel	105 lb	3,115
	GAL galvanized finish – on crane only		310
	SS 304 stainless steel construction – on crane only		2,390

5124 SERIES – BASES AND ACCESSORIES – SOLD SEPARATELY			
■	524 pedestal base – powder coat finish – upright mount	69 lb	\$ 411
■	524GAL pedestal base – galvanized finish – upright mount	69 lb	494
■	524SS pedestal base – stainless steel – upright mount	69 lb	867
■	524F socket base – powder coat finish – flush mount	58 lb	312
■	524FGAL socket base – galvanized finish – flush mount	58 lb	378
■	524SSF socket base – stainless steel – flush mount	58 lb	672
■	524W wall mount base – powder coat finish	85 lb	479
■	524WGAL wall mount base – galvanized finish	85 lb	567
■	524SSW wall mount base – stainless steel	85 lb	1,035
■	524R wheel base – enamel finish (includes 524 base)	445 lb	1,710
■	ED120ML heavy-duty drill-motor drive – 10 amp, 250 rpm – 120 VAC with 1 1/8" hex socket drive	25 lb	1,635
■	ED120BD drill-motor drive – 7 amp, 400 rpm – 120 VAC with 1 1/8" hex socket drive	12 lb	689
■	TK4P base cover for 5124 – plastic		20
■	B1766 wire rope keeper – stainless steel		15
■	RW50 cable spool – stainless steel	12 lb	292

5124 SERIES – POPULAR CONFIGURATIONS			
5124M1	up to 2000 lb davit crane with M4312PB-K spur gear hand winch	281 lb	\$2,167
5124M1GAL	up to 2000 lb davit crane with M4312PB-K spur gear hand winch – galvanized finish	281 lb	2,477
5124M2	up to 2000 lb davit crane with 4WM2-K worm gear hand winch	295 lb	2,306
5124M2GAL	up to 2000 lb davit crane with 4WM2-K worm gear hand winch – galvanized finish	295 lb	2,616
5124M3SS	up to 2000 lb davit crane with M4312PBSS-K spur gear hand winch – stainless steel	281 lb	5,190
5124E2	up to 2000 lb davit crane with 4WP2-K electric winch	338 lb	3,340

Cranes and bases also available in 316 stainless steel, please contact factory for more information.

5PT30 SERIES – TRANSPORTABLE DAVIT CRANES			
1	5PT30 up to 3000 lb – boom brace – enamel finish – no winch	563 lb	\$ 5,670
	5PT30J up to 3000 lb – adjustable ratchet-jack – enamel finish – no winch	628 lb	6,540
2	G galvanized finish – on crane and ratchet-jack	-	977
	X epoxy finish – on crane and ratchet-jack	-	1,970
3	M1 M452B-K – spur gear hand winch only – enamel finish	78 lb	1,415
	M1X M452BEGRA-K – spur gear hand winch only – epoxy finish	78 lb	1,845
	E5A1 4WS3M6-K1A1 electric winch - 115/1/60 VAC with 6 ft pendant control - enamel	300 lb	4,305
	E5XA1 4WS3M6-K1XA1 electric winch - 115/1/60 VAC with 6 ft pendant control - epoxy	300 lb	5,610

5PT30 SERIES – BASES AND ACCESSORIES – SOLD SEPARATELY			
■	5BP30 pedestal base - enamel finish - upright mount	200 lb	\$ 716
■	5BP30G pedestal base - galvanized finish - upright mount	200 lb	827
■	5BP30X pedestal base - epoxy finish - upright mount	200 lb	932
■	5BF30 socket base - enamel finish - flush mount	200 lb	772
■	5BF30G socket base - galvanized finish - flush mount	200 lb	888
■	5BF30X socket base - epoxy finish - flush mount	200 lb	1,005
■	5BW30 wall mount base - enamel finish	200 lb	1,060
■	5BW30G wall mount base - galvanized finish	200 lb	1,220
■	5BW30X wall mount base - epoxy finish	200 lb	1,375

5PT30 SERIES – POPULAR CONFIGURATIONS			
5PT30J-M1	3000 lb davit crane with M452B-K hand winch and ratchet jack	706 lb	\$7,955
5PT30J-E5A1	3000 lb davit crane with 4WS3M6-K1A1 electric winch and ratchet jack	863 lb	10,845
5PT30JG-M1	3000 lb davit crane with M452B-K hand winch and ratchet jack - galvanized	706 lb	8,932
5PT30JG-E5A1	3000 lb davit crane with 4WS3M6-K1A1 electric winch and ratchet jack - galvanized	863 lb	11,822
5PT30JG-M1X	3000 lb davit crane with M452BEGRA-K hand winch (epoxy) and ratchet jack - galvanized	706 lb	9,362

SECTION 4 – CRANES CONT.

model no.	description	approx. ship wt.	user price
571 AND 572 SERIES – FRE ROL DAVIT CRANES			
Other configurations available, please contact factory.			
571M1	up to 1500 lb – with M4312PB-K spur gear hand winch	425 lb	\$ 3,730
571M2	up to 1500 lb – with 4WM2V-K worm gear hand winch	450 lb	3,935
571E2	up to 1500 lb – with 4WP2-K electric winch – 115 VAC, 1 phase, 6 ft pendant control	475 lb	4,565
571E4	up to 1500 lb – with 4777-K electric winch – 115 VAC, 1 phase, 6 ft pendant control	489 lb	5,230
572M1	up to 2200 lb – with M452B-K spur gear hand winch	720 lb	4,970
572E3	up to 2000 lb – with 4771-K electric winch – 115 VAC, 1 phase, 6 ft pendant control	750 lb	5,760
572E5	up to 2200 lb – with 4WS3M6-K electric winch – 115 VAC, 1 phase, 6 ft pendant control	889 lb	7,130
■ SJ1	ratchet style screw-jack for Series 571 (replaces standard boom brace)	37 lb	711
■ SJ2	ratchet style screw-jack for Series 572 (replaces standard boom brace)	97 lb	1,190
■ EPOXY	epoxy finish available on Fre Rol crane, electric winches and screw-jacks		add 30%
■ ED120ML	heavy-duty drill-motor drive – 10 amp, 250 rpm – 120 VAC with 1 1/8" hex socket drive	25 lb	1,635
■ ED120BD	drill-motor drive – 7 amp, 400 rpm – 120 VAC with 1 1/8" hex socket drive	12 lb	689
■ RW50	cable spool – stainless steel	12 lb	292
PORTABLE FLOOR CRANE			
548	1000 lb – manual hydraulic pump operation – collapsible	154 lb	\$ 1,715



571M1

SECTION 9 – WIRE ROPE

model no.	description	approx. ship wt.	user price
Wire Rope Assemblies			
For additional wire rope assemblies, please contact the factory.			
WA19-20NS	3/16 in x 20 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	3 lb	\$ 80
WA19-28NS	3/16 in x 28 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	4 lb	88
WA19-36NS	3/16 in x 36 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	4 lb	91
WA19-45NS	3/16 in x 45 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	7 lb	108
WA25-20NS	1/4 in x 20 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	4 lb	90
WA25-28NS	1/4 in x 28 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	5 lb	94
WA25-36NS	1/4 in x 36 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	6 lb	101
WA25-45NS	1/4 in x 45 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	7 lb	121
WA25-60NS	1/4 in x 60 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	9 lb	130
WA25-75NS	1/4 in x 75 ft – galvanized aircraft cable with swivel hook and swaged ball fitting	11 lb	158
WA31-20DS	5/16 in x 20 ft – galvanized aircraft cable with swivel hook and unfinished end	6 lb	117
WA31-28DS	5/16 in x 28 ft – galvanized aircraft cable with swivel hook and unfinished end	7 lb	128
WA31-36DS	5/16 in x 36 ft – galvanized aircraft cable with swivel hook and unfinished end	8 lb	138
WA31-45DS	5/16 in x 45 ft – galvanized aircraft cable with swivel hook and unfinished end	10 lb	152
WA31-60DS	5/16 in x 60 ft – galvanized aircraft cable with swivel hook and unfinished end	12 lb	161
WA31-75DS	5/16 in x 75 ft – galvanized aircraft cable with swivel hook and unfinished end	15 lb	171
WA38-28DS	3/8 in x 28 ft – galvanized aircraft cable with swivel hook and unfinished end	8 lb	306
WA38-36DS	3/8 in x 36 ft – galvanized aircraft cable with swivel hook and unfinished end	10 lb	333
WA38-45DS	3/8 in x 45 ft – galvanized aircraft cable with swivel hook and unfinished end	11 lb	368
WA38-60DS	3/8 in x 60 ft – galvanized aircraft cable with swivel hook and unfinished end	14 lb	416
WA38-75DS	3/8 in x 75 ft – galvanized aircraft cable with swivel hook and unfinished end	17 lb	473
WS19-20NO	3/16 in x 20 ft – 304 stainless steel wire rope with SS oval hook and swaged ball fitting	3 lb	147
WS19-28NO	3/16 in x 28 ft – 304 stainless steel wire rope with SS oval hook and swaged ball fitting	3 lb	155
WS19-36NO	3/16 in x 36 ft – 304 stainless steel wire rope with SS oval hook and swaged ball fitting	4 lb	165
WS19-45NO	3/16 in x 45 ft – 304 stainless steel wire rope with SS oval hook and swaged ball fitting	7 lb	179
WS19-60NO	3/16 in x 60 ft – 304 stainless steel wire rope with SS oval hook and swaged ball fitting	9 lb	198
WS19-75NO	3/16 in x 75 ft – 304 stainless steel wire rope with SS oval hook and swaged ball fitting	11 lb	228
WS25-20NE	1/4 in x 20 ft – 304 stainless steel wire rope with SS eye hook and swaged ball fitting	5 lb	200
WS25-28NE	1/4 in x 28 ft – 304 stainless steel wire rope with SS eye hook and swaged ball fitting	5 lb	212
WS25-36NE	1/4 in x 36 ft – 304 stainless steel wire rope with SS eye hook and swaged ball fitting	6 lb	223
WS25-45NE	1/4 in x 45 ft – 304 stainless steel wire rope with SS eye hook and swaged ball fitting	7 lb	260
WS25-60NE	1/4 in x 60 ft – 304 stainless steel wire rope with SS eye hook and swaged ball fitting	9 lb	310
WS25-75NE	1/4 in x 75 ft – 304 stainless steel wire rope with SS eye hook and swaged ball fitting	11 lb	345
WS31-20DE	5/16 in x 20 ft – 304 stainless steel wire rope with SS eye hook and unfinished end	6 lb	274
WS31-28DE	5/16 in x 28 ft – 304 stainless steel wire rope with SS eye hook and unfinished end	7 lb	290
WS31-36DE	5/16 in x 36 ft – 304 stainless steel wire rope with SS eye hook and unfinished end	9 lb	304
WS31-45DE	5/16 in x 45 ft – 304 stainless steel wire rope with SS eye hook and unfinished end	11 lb	324
WS31-60DE	5/16 in x 60 ft – 304 stainless steel wire rope with SS eye hook and unfinished end	14 lb	358
WS31-75DE	5/16 in x 75 ft – 304 stainless steel wire rope with SS eye hook and unfinished end	17 lb	394
WS38-28DS	3/8 in x 28 ft – 304 stainless steel wire rope with SS swivel hook and unfinished end	8 lb	328
WS38-36DS	3/8 in x 36 ft – 304 stainless steel wire rope with SS swivel hook and unfinished end	10 lb	356
WS38-45DS	3/8 in x 45 ft – 304 stainless steel wire rope with SS swivel hook and unfinished end	12 lb	383
WS38-60DS	3/8 in x 60 ft – 304 stainless steel wire rope with SS swivel hook and unfinished end	15 lb	439
WS38-75DS	3/8 in x 75 ft – 304 stainless steel wire rope with SS swivel hook and unfinished end	18 lb	489



548



WA25-28NS

SECTION 8 – CONTROLS

ELECTRIC MOTOR CONTROLS – SINGLE SPEED REVERSING MOTOR STARTERS

Starters listed include NEMA 4 rated pendant control on 50 foot cord.
Please specify voltage, phase, and motor hp when ordering. Contact factory for required voltages and options.



10S3C4

model number	maximum rated motor horsepower for power supply current					approx. ship wt.	user price
	115/1/60	230/1/60	208/3/60	230/3/60	460/3/60		
10S2A4	to 1.5 hp	—	—	—	—	25 lb	\$1,355
10S3B4	—	to 3 hp	—	—	—	25 lb	1,370
10S3C4	—	—	to 3 hp	—	—	25 lb	1,120
10S7C4	—	—	to 7.5 hp	—	—	25 lb	1,020
10S10C4	—	—	to 10 hp	—	—	28 lb	1,500
10S20C4	—	—	to 20 hp	—	—	28 lb	1,740
10S3D4	—	—	—	to 3 hp	—	25 lb	1,105
10S7D4	—	—	—	to 7.5 hp	—	25 lb	1,265
10S10D4	—	—	—	to 10 hp	—	28 lb	1,490
10S20D4	—	—	—	to 20 hp	—	28 lb	2,080
10S30D4	—	—	—	to 30 hp	—	60 lb	2,930
10S7E4	—	—	—	—	to 7.5 hp	25 lb	1,055
10S15E4	—	—	—	—	to 15 hp	25 lb	1,425
10S20E4	—	—	—	—	to 20 hp	28 lb	1,370
10S40E4	—	—	—	—	to 40 hp	60 lb	2,535
10S60E4	—	—	—	—	to 60 hp	60 lb	4,935

ELECTRIC DRUM CONTROL SWITCHES

Drum control switches for 115 volt single phase motors up to 1.5 hp, include 8 ft power cord with grounded plug. Please specify voltage, phase, and motor hp when ordering. For magnetic reversing starters see Section 8.



10L2A1

model number	description	Voltage/Phase/Hertz with maximum rated motor hp				approx. ship wt.	user price
		115/1/60	230/1/60	230/3/60	460/3/60		
10L2A1	NEMA 1	to 1.5 hp	to 2 hp	to 3 hp	to 3 hp	3 lb	\$ 397
10L7E1	NEMA 1	to 1.5 hp	to 3 hp	to 5 hp	to 7.5 hp	3 lb	557
10L2A4	NEMA 4 – watertight	to 1.5 hp	to 2 hp	to 3 hp	to 3 hp	7 lb	616
10L7E4	NEMA 4 – watertight	to 1.5 hp	to 3 hp	to 5 hp	to 7.5 hp	7 lb	1,020
10P1A46	6 ft pendant control	to 1 hp	—	—	—	5 lb	330

ELECTRIC MOTOR CONTROLS – VARIABLE SPEED REVERSING MOTOR STARTERS

All enclosures are rated NEMA 12. Starters listed include NEMA 4 rated pendant control with 3 step infinitely variable speed push buttons on 50 foot cord.

Please specify voltage, phase, and motor hp when ordering. Contact factory for other required voltages and options.
IMPORTANT! Please see notes below before ordering.



Variable Speed Control

model number	voltage/phase/hertz with maximum rated motor hp ¹²	approx. ship wt.	user price ³
10V1D12L	230/3/60, 1 hp, 10:1 variable speed drive	100 lb	\$ 4,795
10V2D12L	230/3/60, 2 hp, 10:1 variable speed drive	100 lb	5,390
10V3D12L	230/3/60, 3 hp, 10:1 variable speed drive	100 lb	5,760
10V5D12L	230/3/60, 5 hp, 10:1 variable speed drive	100 lb	6,730
10V7D12L	230/3/60, 7.5 hp, 10:1 variable speed drive	120 lb	7,990
10V10D12L	230/3/60, 10 hp, 10:1 variable speed drive	120 lb	8,700
10V15D12L	230/3/60, 15 hp, 10:1 variable speed drive	120 lb	11,790
10V20D12L	230/3/60, 20 hp, 10:1 variable speed drive	210 lb	15,770
10V25D12L	230/3/60, 25 hp, 10:1 variable speed drive	210 lb	20,790
10V1E12L	460/3/60, 1 hp, 10:1 variable speed drive	100 lb	4,910
10V2E12L	460/3/60, 2 hp, 10:1 variable speed drive	100 lb	5,170
10V3E12L	460/3/60, 3 hp, 10:1 variable speed drive	100 lb	5,820
10V5E12L	460/3/60, 5 hp, 10:1 variable speed drive	100 lb	6,980
10V7E12L	460/3/60, 7.5 hp, 10:1 variable speed drive	100 lb	7,960
10V10E12L	460/3/60, 10 hp, 10:1 variable speed drive	100 lb	9,090
10V15E12L	460/3/60, 15 hp, 10:1 variable speed drive	120 lb	12,790
10V20E12L	460/3/60, 20 hp, 10:1 variable speed drive	180 lb	15,950
10V25E12L	460/3/60, 25 hp, 10:1 variable speed drive	180 lb	18,800

¹ When ordering winch, specify brake voltage to be the same as motor voltage, leads must be capable of being wired separate from motor power.

² Contact factory to verify drive compatibility to winch and motor.

³ Price includes dynamic brake resistor to be mounted and wired by others.

Explosion Proof Controls also available, please contact factory for more information.

SECTION 15 – UTILITY RATED AIR WINCHES



TA2-24MX1

TA2 SERIES UTILITY RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES ^{1,2}					
model number	1st layer load rating	line speed (fpm)	description	approx. ship wt.	user price
TA2-16MX1	7200 lb	30-46	7.1 hp winch, 16" drum, manual brake	1,000 lb	\$ 21,580
TA2-24MX1	7200 lb	30-46	7.1 hp winch, 24" drum, manual brake	1,100 lb	21,210
TA2-16AX1	7200 lb	30-46	7.1 hp winch, 16" drum, auto band brake	1,000 lb	24,130
TA2-24AX1	7200 lb	30-46	7.1 hp winch, 24" drum, auto band brake	1,100 lb	23,790

TA2H SERIES UTILITY RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES ^{1,2}					
TA2H-16MX1	3600 lb	61-94	7.1 hp winch, 16" drum, manual brake	1,000 lb	\$ 21,740
TA2H-24MX1	3600 lb	61-94	7.1 hp winch, 24" drum, manual brake	1,100 lb	21,380
TA2H-16AX1	3600 lb	61-94	7.1 hp winch, 16" drum, auto band brake	1,000 lb	24,290
TA2H-24AX1	3600 lb	61-94	7.1 hp winch, 24" drum, auto band brake	1,100 lb	23,960



**TA2.5-16AX1 with TA2/2.5-16GL
Drum Guard and Line Guide**

TA2.5 SERIES UTILITY RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES ^{1,2}					
TA2.5-16MX1	7200 lb	79-114	18.3 hp winch, 16" drum, manual brake	1,615 lb	\$ 29,260
TA2.5-24MX1	7200 lb	79-114	18.3 hp winch, 24" drum, manual brake	1,700 lb	28,870
TA2.5-16AX1	7200 lb	79-114	18.3 hp winch, 16" drum, auto band brake	1,615 lb	32,000
TA2.5-24AX1	7200 lb	79-114	18.3 hp winch, 24" drum, auto band brake	1,700 lb	31,590



TA5-36AX1

TA5 SERIES UTILITY RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES ^{1,2}					
TA5-16MX1	18,000 lb	30-47	17.8 hp winch, 16" drum, manual brake	2,460 lb	\$ 39,710
TA5-24MX1	18,000 lb	30-47	17.8 hp winch, 24" drum, manual brake	2,625 lb	39,310
TA5-30MX1	18,000 lb	30-47	17.8 hp winch, 30" drum, manual brake	2,750 lb	40,200
TA5-16AX1	18,000 lb	30-47	17.8 hp winch, 16" drum, auto band brake	2,460 lb	42,590
TA5-24AX1	18,000 lb	30-47	17.8 hp winch, 24" drum, auto band brake	2,625 lb	42,180
TA5-30AX1	18,000 lb	30-47	17.8 hp winch, 30" drum, auto band brake	2,750 lb	43,090

TA7 SERIES UTILITY RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES ^{1,2}					
TA7-24MX1	23,600 lb	19-29	14.4 hp winch, 24" drum, manual brake	3,435 lb	\$ 42,380
TA7-30MX1	23,600 lb	19-29	14.4 hp winch, 30" drum, manual brake	3,620 lb	43,640
TA7-36MX1	23,600 lb	19-29	14.4 hp winch, 36" drum, manual brake	3,800 lb	44,920
TA7-24AX1	23,600 lb	19-29	14.4 hp winch, 24" drum, auto band brake	3,435 lb	45,470
TA7-30AX1	23,600 lb	19-29	14.4 hp winch, 30" drum, auto band brake	3,620 lb	46,740
TA7-36AX1	23,600 lb	19-29	14.4 hp winch, 36" drum, auto band brake	3,800 lb	48,000



TA10-30MX1

TA10 SERIES UTILITY RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES ^{1,2}					
TA10-30MX1	37,000 lb	20-34	27 hp winch, 30" drum, manual band brake	3,220 lb	\$ 68,550
TA10-40MX1	37,000 lb	20-34	27 hp winch, 40" drum, manual band brake	3,515 lb	72,620
TA10-60MX1	37,000 lb	20-34	27 hp winch, 60" drum, manual band brake	4,105 lb	77,880
TA10-30AX1	37,000 lb	20-34	27 hp winch, 30" drum, auto band brake	3,234 lb	71,470
TA10-40AX1	37,000 lb	20-34	27 hp winch, 40" drum, auto band brake	3,530 lb	75,550
TA10-60AX1	37,000 lb	20-34	27 hp winch, 60" drum, auto band brake	4,120 lb	80,810

¹ All TA utility winches include throttle lever control.

² Please order wire rope separately, see Section 8.

SECTION 15 – PERSONNEL RATED AIR WINCHES¹



TA2P-16MK1

TA2P SERIES PERSONNEL RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES^{2,3}

model number	1st layer load rating	line speed (fpm)	description	approx. ship wt.	user price
TA2P-16MK1	4,500 lb	46-70	6.8 hp winch, 16" drum, manual band brake, auto disc brake	995 lb	\$ 26,510
TA2P-24MK1	4,500 lb	46-70	6.8 hp winch, 24" drum, manual band brake, auto disc brake	1,085 lb	26,150
TA2P-16AK1	4,500 lb	46-70	6.8 hp winch, 16" drum, auto band brake, auto disc brake	1,025 lb	29,060
TA2P-24AK1	4,500 lb	46-70	6.8 hp winch, 24" drum, auto band brake, auto disc brake	1,120 lb	28,720

TA2HP SERIES PERSONNEL RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES^{2,3}

TA2HP-16MK1	3,600 lb	61-94	7.1 hp winch, 16" drum, manual brake, auto disc brake	995 lb	26,670
TA2HP-24MK1	3,600 lb	61-94	7.1 hp winch, 24" drum, manual brake, auto disc brake	1,085 lb	26,320
TA2HP-16AK1	3,600 lb	61-94	7.1 hp winch, 16" drum, auto band brake, auto disc brake	1,025 lb	29,230
TA2HP-24AK1	3,600 lb	61-94	7.1 hp winch, 24" drum, auto band brake, auto disc brake	1,120 lb	28,900

TA2.5P SERIES PERSONNEL RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES^{2,3}

TA2.5P-16MK1	4,500 lb	112-162	16.2 hp winch, 16" drum, manual brake, auto disc brake	1,265 lb	34,510
TA2.5P-24MK1	4,500 lb	112-162	16.2 hp winch, 24" drum, manual brake, auto disc brake	1,350 lb	34,110
TA2.5P-16AK1	4,500 lb	112-162	16.2 hp winch, 16" drum, auto band brake, auto disc brake	1,300 lb	37,240
TA2.5P-24AK1	4,500 lb	112-162	16.2 hp winch, 24" drum, auto band brake, auto disc brake	1,385 lb	36,840

TA5P SERIES PERSONNEL RATED — RADIAL PISTON AIR DRIVEN POWER WINCHES^{2,3}

TA5P-16MK1	10,700 lb	47-74	16.7 hp winch, 16" drum, manual brake, auto disc brake	2,535 lb	44,960
TA5P-24MK1	10,700 lb	47-74	16.7 hp winch, 24" drum, manual brake, auto disc brake	2,700 lb	44,550
TA5P-30MK1	10,700 lb	47-74	16.7 hp winch, 30" drum, manual brake, auto disc brake	2,825 lb	45,440
TA5P-16AK1	10,700 lb	47-74	16.7 hp winch, 16" drum, auto band brake, auto disc brake	2,570 lb	47,840
TA5P-24AK1	10,700 lb	47-74	16.7 hp winch, 24" drum, auto band brake, auto disc brake	2,735 lb	47,430
TA5P-30AK1	10,700 lb	47-74	16.7 hp winch, 30" drum, auto band brake, auto disc brake	2,860 lb	48,340

¹ Personnel rated per ABS 2006 Guide for Certification of Drilling Systems.

² All TA personnel winches include lever handle control valve, 2 mufflers and ABS Type approval.

³ Please order wire rope separately, see Section 8.

SECTION 15 - AIR WINCH OPTIONS

TA SERIES AIR WINCH - OPTIONS AND ACCESSORIES



Automatic Band Brake



Drum Guard



Line Guide



Neutral Stop Lever and E-Stop

base model options	description		price adder
■ K1	automatic disc brake - replaces 'X' in base model number string TA2 series TA2.5 series, TA5 series, TA7 series and TA10 series		\$ 4,680 5,040
■ EPOXY	3 part marine epoxy with zinc primer - colors: red, pearl grey, offshore yellow For TA2 series, TA2P series, TA2H series, TA2PH series, TA2.5 series, TA2.5P series For TA5-16, TA5-24, TA5P-16, TA5P-24 For TA5-30, TA5P-30 For TA7-24, TA7-30 For TA7-36 For TA10-30 For TA10-40 For TA10-60		\$ 1,100 1,260 1,405 1,545 1,680 1,575 1,800 2,025
■ 3	remote pendant control valve - 50ft max. - specify length when ordering - replaces '1' in base model number string For TA2, TA2H, TA2P, TA2PH Series: B3478 Valve Pendant, B4580 Remote 310 Motor Valve For TA2.5, TA2.5P, TA5, TA5P and TA7 Series: B3478 Valve Pendant, B4581 Remote 510 Motor Valve Note: Remote Control requires use of an automatic brake.		1,800
model number	description	approx. ship wt.	price adder
■ TA-FRL1	Filter-Regulator-Lubricator - not mounted - all models (part B3321) For the TA2 and TA2H models only requiring 250 SCFM @ 90 PSI		\$ 765
■ TA-FRL	Filter-Regulator-Lubricator - not mounted - all models For the TA2.5, TA5, TA7 and TA10 models requiring 500 to 900 SCFM @ 90 PSI	42 lb	2,185
■ TA-MF1	two muffler kit - TA2 series	9 lb	281
■ TA-MF2	two muffler kit - TA2.5, TA5, TA7 series	11 lb	304
■ TA-MF3	two muffler kit - TA10 series	6 lb	504
■ TA2/2.5-16G	drum guard for TA2-16 and TA2.5-16	46 lb	1,460
■ TA2/2.5-16GL	line guide and drum guard for TA2-16 and TA2.5-16	63 lb	2,190
■ TA2/2.5-24G	drum guard for TA2-24 and TA2.5-24	56 lb	1,460
■ TA2/2.5-24GL	line guide and drum guard for TA2-24 and TA2.5-24	73 lb	2,190
■ TA5-16G	drum guard for TA5-16	57 lb	1,800
■ TA5-16GL	line guide and drum guard for TA5-16	74 lb	2,555
■ TA5-24G	drum guard for TA5-24	68 lb	1,910
■ TA5-24GL	line guide and drum guard for TA5-24	82 lb	2,665
■ TA5-30G	drum guard for TA5-30	76 lb	2,025
■ TA5-30GL	line guide and drum guard for TA5-30	92 lb	2,800
■ TA7-24G	drum guard for TA7-24	94 lb	1,880
■ TA7-24GL	line guide and drum guard for TA7-24	109 lb	2,695
■ TA7-30G	drum guard for TA7-30	102 lb	1,995
■ TA7-30GL	line guide and drum guard for TA7-30	118 lb	2,835
■ TA7-36G	drum guard for TA7-36	109 lb	2,100
■ TA7-36GL	line guide and drum guard for TA7-36	125 lb	2,940
■ TA10-30G	galvanized drum guard for TA10-30		4,260
■ TA10-40G	galvanized drum guard for TA10-40		5,335
■ TA10-60G	galvanized drum guard for TA10-60		5,735
■ TA-NS1	manual control lever neutral stop (part SB7469) For the TA2 and TA2H models		\$ 170
■ TA-NS2	manual control lever neutral stop (part SB7927) For the TA2.5, TA5, TA7 and TA10 models		\$ 180
■ TA-ES1	manual E-stop with lock-out at mainline air inlet (part C4582) For the TA2 and TA2H models		\$ 720
■ TA-ES2	manual E-stop with lock-out at mainline air inlet (part C4583) For the TA2.5, TA5, TA7 and TA10 models		\$ 765

*For double auto braking systems, please call factory.

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