

Lodestar electric chain hoist - Specifications

SPECIFICATIONS

	Capacity (tons)	Product Code		Model	Hoist Lifting Speed (FPM)	Motor HP	Reeving	Weight (lbs.)	
		**Rigid Hook Suspension & Chain Container						230-3-60	460-3-60
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Two Speed 10' Lift	1/8	2707NH	2708NH	A2	10/32	1/4	1	67	73
	1/8	2717NH	2718NH	AA2	20/60	1/2	1	74	75
	1/4	2727NH	2728NH	B2	5/16	1/4	1	67	73
	1/4	2737NH	2738NH	C2	10/32	1/2	1	73	74
	1/2	2747NH	2748NH	E2	2.5/8	1/4	2	76	82
	1/2	2757NH	2758NH	F2	5/16	1/2	1	74	74
	1/2	3502NH	3503NH	J2	10/32	1	1	116	117
	1/2	3549NH	3550NH	JJ2	21/64	2	1	130	130
	1	2767NH	2768NH	H2	2.5/8	1/2	2	83	84
	1	3504NH	3505NH	L2	5/16	1	1	116	117
	1	3553NH	3554NH	LL2	10/32	2	1	130	131
	2	3506NH	3507NH	R2	2.5/8	1	2	134	135
	2	3561NH	3562NH	RR2	5/16	2	2	149	149
	3	9511NH	9513NH	RT2	1.75/5.5	1	3	161	176
	3	9512NH	9514NH	RRT2	3.5/11	2	3	176	174
Variable Frequency Drive	1/8***	2709NH	2710NH	A	32.0	1/4	1	65	65
	1/4***	2726NH	2729NH	B	16.0	1/4	1	65	65
	1/4***	2734NH	2736NH	C	32.0	1/2	1	65	65
3 - Step Infinitely Variable Control	1/2***	2730NH	2731NH	F	16.0	1/2	1	65	65
	1/2***	3635NH	3636NH	J	32.0	1	1	110	110
	1/2***	3642NH	3643NH	JJ	64.0	2	1	110	110
	1***	3625NH	3626NH	L	16.0	1	1	110	110
	1***	3644NH	3645NH	LL	32.0	2	1	110	110
6 to 1 Speed Ratio	2***	3632NH	3633NH	R	8.0	1	2	110	110
	2***	3646NH	3647NH	RR	16.0	2	2	110	110
10' Lift	3***	9531NH	9534NH	RT	5.5	1	2	110	110
	3***	9539NH	9540NH	RRT	11.0	2	2	110	110

Fabric Chain Containers included on all models for up to 20 ft. Lift

** Rigid hook suspension & fabric chain container are standard with hoist codes listed above.

*** Not CSA Approved.

Control Cord drop is 4 ft. less than Lift.

VFD units are factory set for 3-Step Infinitely Variable Control and include 3-Step Control Station and 115V interface card as standard.

CSA APPROVED†

† Hook Suspension models only.

Less maintenance & easier inspection

- Heavy Duty DC Brake is designed for a long service life. Brake location allows for quick access and easy inspection.
- Lifetime grease-lubricated Gear Box means no oil change out is required. Precision gears provide better wear and longer life.
- Clutch located outside the Gear Box allows for easy access which eliminates the need for complete disassembly and reduces downtime.

Improved serviceability

- Easy access to the Clutch, Motor, Electrical Control Panel and Brake Assembly.

Longer service life

Lifetime grease-lubricated Gear Box and helical gearing ensures efficient operation. Heavy duty rated motors. Hoist workmanship backed by a lifetime warranty.

Quieter operation

80% reduction in sound pressure as compared to the classic Lodestar.

HOIST SUSPENSIONS

	Product Code	Models	Weight (lbs.)
Rigid Hook**	2788NH	A-AA-B-C-F	2
	2789NH	E-H	4
	3651NH	J-L-JJ-LL	4
	3658NH	R-RR	8
	9559NH	RT-RRT	7
Rigid Latchlok Hook	2790NH	A-AA-B-C-F	3
	3652NH	J-L-JJ-LL	5
Swivel Hook	2792NH	A-AA-B-C-F	2
	2793NH	E-H	4
	3661NH	J-L-JJ-LL	4
	3660NH	R-RR	8
	9557NH	RT-RRT	7
Swivel Latchlok Hook	2796NH	A-AA-B-C-F	3
	3662NH	J-L-JJ-LL	5
	3663NH	R-RR	9
Rigid Lug for Low Headroom Trolley	2778NH	A-AA-B-C-F	2
	2779NH	E-H	3
	3677NH	J-L-JJ-LL	4
	3668NH	R-RR	6
	9561NH	RT-RRT	5
Rigid Lug for Motor Driven Trolley	2992NH	A-AA-B-C-F	2
	2993NH	E-H	3
	3679NH	J-L-JJ-LL	4
	3668NH	R-RR	6
	9561NH	RT-RRT	5



Improved load safety

Clutch is located outside the load path which prevents slipping of the load in an overload condition when brake is not powered.

Improved chain life

5 Pocket Lift Wheel provides better chain and lift wheel engagement for smoother lifting and reduced vibration — which equates to less wear and a longer chain life. Zinc plating to protect chain from environmental conditions.

Easy access control panel

With finger-safe wiring and plug and play connectors, the Control Panel allows for quick voltage change, access to terminal strips and simple fuse installation.

Exceeds H4 requirements

Lodestar exceeds H4 requirements, engineered for high duty cycles and the toughest applications.

Eco-friendly

Lifetime grease-lubricated Gear Box means no changing and disposing of hazardous oil. Documented RoHS compliance. Shipped in boxes made of recycled material.