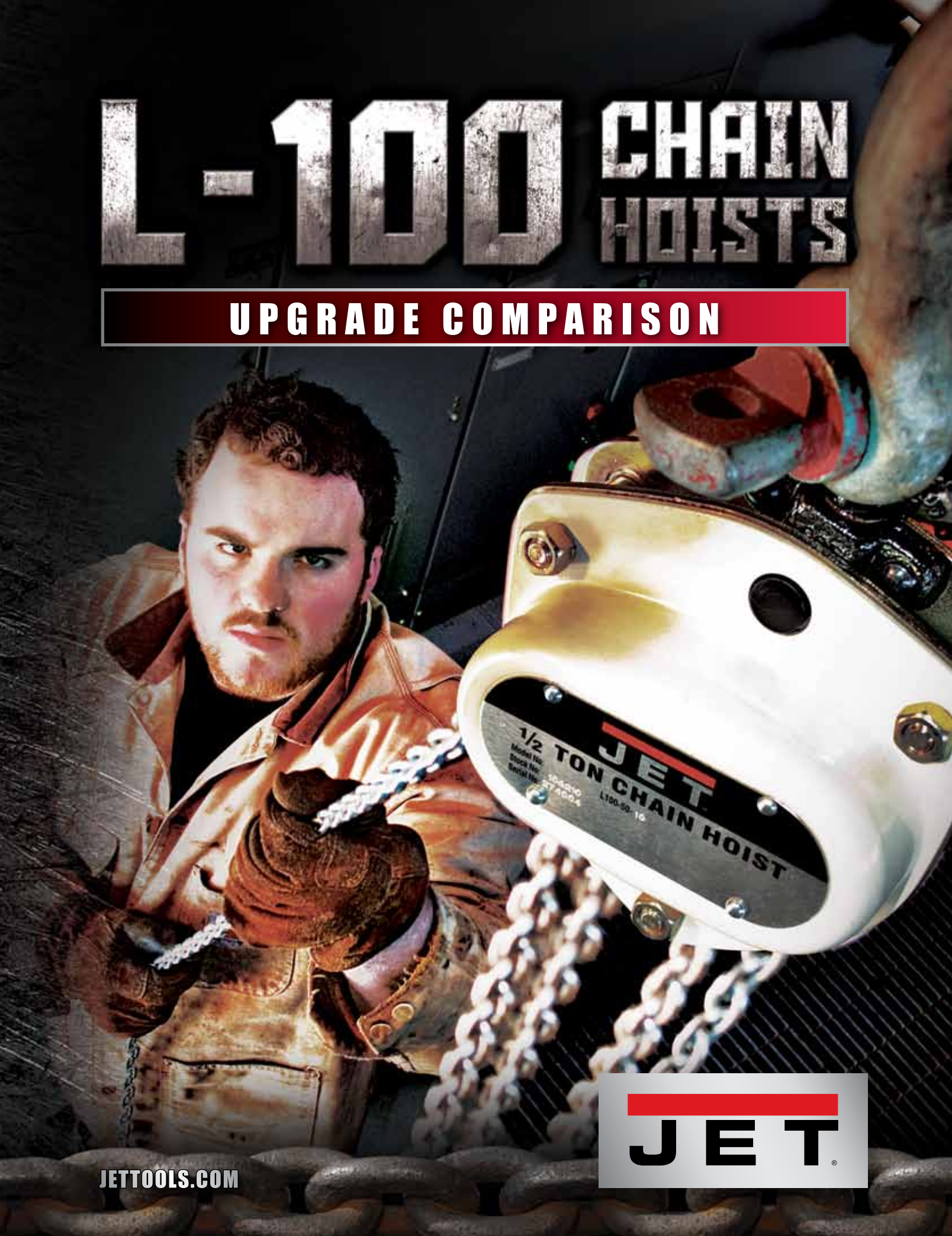


L-100 CHAIN HOISTS

UPGRADE COMPARISON



JETTOOLS.COM



WHY CHOOSE THE L-100?



THE CHOICE IS CLEAR...

- Quality engineered hoists with an industry leading warranty
- Most value for your money
- Inventory on hand, ready to ship
- Technical support hot line

Manual chain hoists are used in some the most demanding environments in the world. Consequently, JET has taken steps to protect vital components from these environments by:

- Zinc Plating all internal and non-moving parts
- Treating the drive pinion with a phosphate finish to increase corrosion resistance.
- Coating other key components with DACROMET®.

DACROMET® is a high tech self-repairing coating that protects from damage and provides world class corrosion protection and salt spray resistance. With multiple layers of environmental defense, double sealed ball bearings, zinc plating, phosphate and DACROMET® finishes, these hoists can handle what you throw at them.

No other hoist in the market is this well designed and protected against the environment



L-100 IMPROVED FEATURES



THE LAST MANUAL CHAIN HOIST YOU WILL EVER NEED...

JET L-100 Series Manual Chain Hoists Combine A True Rugged Industrial Design with Highly Refined Quality.

- A** : Double Sealed Ball Bearing supported load sheave
- B** : Dual Ratchet Pawl Brake Mechanism
- C** : Bearing supported drive shaft
- D** : 100 Grade chain
- E** : Cast Safety Latches
- F** : Fused brake discs
- G** : Overload Protection
- H** : All internal parts heat treated and zinc plated for better protection
- I** : Available with slip clutch style overload protection



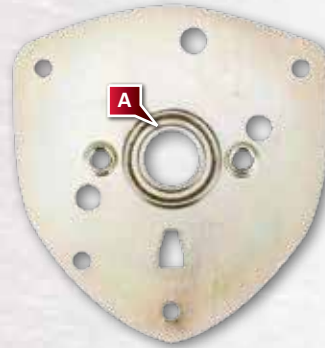
PRODUCT COMPARISON

LOAD SHEAVE UPGRADE

The L-100 load sheave is supported by double sealed ball bearings which creates smooth operation and long term reliability.

The L-90 load sheave is supported by metal bushings, which can create excessive wear from metal to metal contact while in use.

L-100



A: Double Sealed Ball Bearings

L-90



A: Metal Bushings

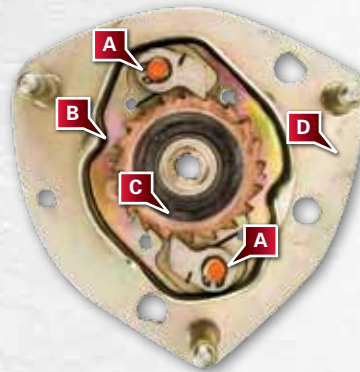
BRAKE ENHANCEMENTS

The L-100 features a double pawl Weston style brake. This provides an additional layer of safety and reliability not found on other more costly units in the market.

The double enclosed brake mechanism keep harmful dirt and debris from interfering with the brake operation.

The L-90 single pawl brake mechanism is not double enclosed. This presents the opportunity for dirt or debris to damage or interfere with the brake operation.

L-100



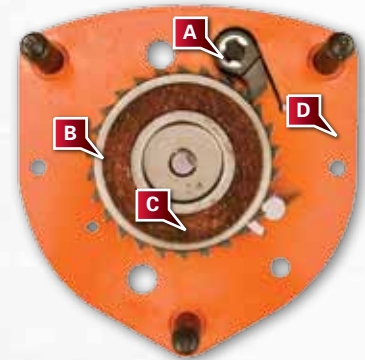
A: Dual Pawl Break Design

B: Double enclosed brake system

C: Fused Brake Design

D: Zinc Plated Finish

L-90



A: Single Pawl Break Design

B: Brake System not Double Enclosed

C: Traditional Brake Design

D: Powder Coated Finish

PRODUCT COMPARISON

RE-DESIGNED DRIVE SHAFT SUPPORT

The phosphate coated drive shaft in all the L-100s is supported on both sides of the hoist with bearings. On the hand wheel side of the hoist, as it pass through the load sheave, it is supported by caged needle bearings. On the gear train side of the hoist we provide a double sealed ball bearing as support. This bearing support means less wear and maintenance

The L-90 hoists do not provide additional support for the drive shaft.



L-100 Load Sheave

Drive Shaft Caged Needle Bearing Support

L-100



A: Drive Shaft Support on Both Ends by Bearings

L-90



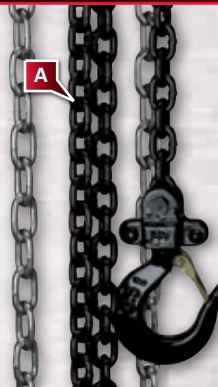
A: Drive Shaft not Supported on Either End

UPGRADED LOAD CHAIN

The L-100s feature 100 grade load chain which is 25% stronger then the 80 grade load chain on the L-90s.

The L-90 hoists feature non-plated, 80 grade load chain.

L-100



A: 100 Grade Load Chain

L-90



A: 80 Grade Load Chain

PRODUCT ADVANCEMENTS

HOOK ENHANCEMENTS

The L-100's superior alloy steel hooks are designed to stretch before breaking—indicating an overload situation.

All L-100 hooks feature industrial duty, cast safety latches. Surpassing the industry standard of stamped steel latches. All the safety latches are secured using a hex cap bolt and nylon locking nut. The latches are machined with a notch to fit tightly against the tip of the hook and to provide increased lateral support. Finally, the latches are secured to the hooks only after the powder coating process.



L-100 PATENTED FUSED BRAKE DISC

All L-100 hoists feature our new, patented fused brake disc design. For generations the industry standard has been the 4 piece brake design. This design is old and inefficient. The brake discs are broken easily, swell in humid environments, and wear quickly.

Our new fused brake disc is made from a metallic/ceramic material that is stronger, resists wear, wont swell in a humid environment and under proper usage, should last the life time of the hoist.



Fused Brake Disc



Traditional 4 Piece Braking System



L-90 TO L-100 CROSSOVER

Below is a list of the common L-90 hoists and their replacement in the New L-100 Series.

The L-100s offer a more complete range (from 1/4T-20T), and have combined features and benefits not found on any other manual chain hoist in the market today. We took our time developing these hoists to offer you and your customer the best hoists in the market and are confident that they will exceed your customers expectations.

STOCK NUMBER	MODEL NUMBER	CAPACITY (TONS)	CAPACITY (LBS)	STANDARD LIFT (FT)	HEADROOM (IN)	NUMBER OF FALLS	LOAD CHAIN (DIA/MM)	REQUIRED HAND CHAIN (FT) TO LIFT CAPACITY	POUNDS OF PULL TO LIFT CAPACITY	WEIGHT (LBS)
1/2 TON										
106210	L100-50-10	1/2	1100	10	11-1/4	1	5	25	53	24
101505	L90-1/2T/10	1/2	1100	10	10-3/4	1	5	29	59	21-1/2
1 TON										
101210	L100-100-10	1	2200	10	11-5/8	1	6.3	43	64	27
101510	L90-1T-10	1	2200	10	11-3/4	1	6.3	50	69	27
1-1/2 TON										
101610	L100-150-10	1-1/2	3300	10	13-3/4	1	7.1	57	77	34-1/4
101515	L90-1-1/2T-10	1-1/2	3300	10	13-1/4	1	7.1	60	91	34-1/2
2 TON										
102210	L100-200-10	2	4400	10	14-3/4	1	8	70	79	44
101520	L90-2T-10	2	4400	10	14-3/4	1	8	77	88	46
3 TON										
102210	L100-200-10	2	4400	10	14-3/4	1	8	70	79	44
101520	L90-2T-10	2	4400	10	14-3/4	1	8	77	88	46
5 TON										
105510	L100-500-10	5	11,000	10	23-5/8	2	9	198	75	90
101550	L90-5T-10	5	11,000	10	24-1/2	2	9	190	106	87
10 TON										
101010	L100-1000-10	10	22,000	10	29-7/8	4	9	396	79	174
101560	L90-10T-11-1/2	10	22,000	11-1/2	30-1/2	4	9	385	116	183



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