

Overhead Products Introduction

In 2006, DCD Design took on the Cable Spinning Equipment Company and began producing the Lineman™ and Eagle cable lashers. In doing so, DCD took on a long history of quality and innovation.

These lashers were previously manufactured by Cable Spinning Equipment Company, Inc. in New London, MN and before that, in Topeka, KS. The original company was founded in the late 1930's by Mr. Dory Neale.

Their history in lashers goes back to their early patents in 1942 when Mr. Neale had the first ever patent on a cable spinner. That was for the one-man spinner shown in the photograph to the right. From those days onward, there have been several other patents and many innovative improvements.



Model Q Lasher

The Model Q hand-type Lasher is made for short span jobs like splicing or repair, traffic light installation, control cables, aerial inserts for underground construction or any job that would be simpler with a hand-held, variable tension lasher.

The Q Lasher adjusts easily according to how you wrap the wire around the tension rollers and is compatible with either .045" or .061" S-type lashing wire.

The rugged body is of cast aluminum with a removable flange for easy loading. Wire tension rollers are of hardened tool steel.



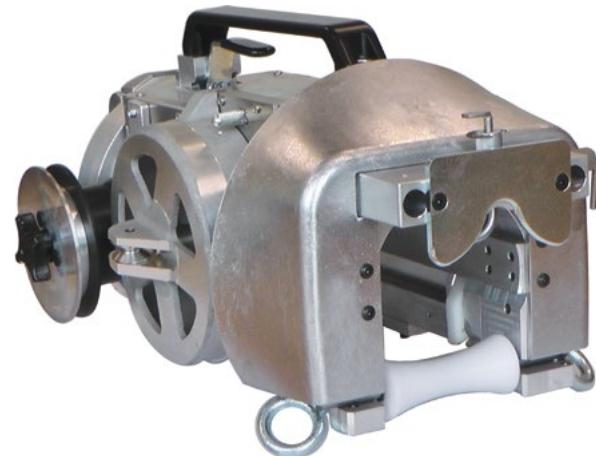
Falcon Lasher

The Falcon Lasher is a completely redesigned lasher, incorporating design elements of our previous Eagle, Lineman and Model K lashers, as well as new design concepts that simplify the lasher to make it more robust and lower maintenance.

This new lasher will single or double lash without strand traction. It is also equipped with a clutch handle to allow easy mounting and passing the unit around a pole without cutting the lashing wire or removing it from the drive wheels.

The capacity has been expanded beyond the Lineman™ Lasher and the use of innovative, modern engineering materials makes it lightweight and practical for smaller jobs previously done by the Eagle Lasher.

Weighing in at 20 lb, the Falcon Lasher is lighter than even smaller capacity lashers on the market. Compared to lashers of similar capacity, it weighs less than half the weight of typical lashers.



Magazine style doors provide easy loading of metallic or non-metallic lashing wire. Front and rear rollers made from Delrin allow smooth passage of cable and also protect your cable from damage. A simplified rear gate design with quick release mechanisms allows for efficient adjustment of the rear roller.

We are so confident in our new design that we are extending the DCD Limited Warranty Policy from 6 months to 12 months for this product.

| Part No. | Maximum Strand | Maximum Lash | Wire Size | Spool Size | Overall Dimensions | Weight |
|-----------|----------------|----------------------------|------------------|-----------------|-----------------------|---------|
| 61800-000 | 1/2" | 2-1/4" dia. to 3-1/2" dia. | 0.038" to 0.061" | 1,200' per coil | 20" L x 11" W x 10" H | 21.3 lb |

Eagle Lasher

The Eagle Lasher was designed and built to meet the requirements of modern cable lashing jobs. Sized to install CATV or fiber optic cables, it's lightweight, durable and simple. Since its introduction, the design has proven itself on the strand, from the Arctic Circle to Asia Minor.

With a bundle capacity of 2-1/4" or single cable up to 2", the Eagle lasher will single- or double-lash most Last Mile or FTTH installations. Careful material selection and precise CNC machining have trimmed the weight of the machine to just 25 lb. – significantly less than other lashers of this size range. The Eagle lasher also now uses a wire quick release trigger, mounted below the handle, for easy, one-hand engagement and release for continuous lashing and quick transfer time around poles.

Like all the DCD lashers, the Eagle does not need traction from the strand; it uses the tension from the lashing wire to drive rotation. This lasher uses industry standard straight-hub wire spools that are loaded into a pair of drop down magazine for added convenience. The lasher will also work with standard stainless lashing or non-metallic lashing wire.



| Part No. | Maximum Strand | Maximum Lash | Wire Size | Spool Size | Overall Dimensions | Weight |
|-----------|----------------|-------------------|------------------|-----------------|----------------------|---------|
| 61700-000 | 3/8" | Up to 2-1/4" dia. | 0.038" to 0.061" | 1,200' per coil | 18" L x 18" W x 8" H | 24.0 lb |

Lineman™ Lasher

The Lineman™ Lasher is the pull type cable lasher for tough jobs, especially in dusty, wet or icy conditions. Use it to lash single or multiple cables up to 3" outside diameter and for single and double overlashing.

You won't get snagged in trees and tight places with the Lineman™ Lasher because of the smooth, tapered cowl. Transfer time around poles is cut by as much as one-third, with the wire quick release trigger mounts below the handle for easy, one-hand engagement and release for continuous lashing.

Versatility means less downtime and smooth operation. A key feature is that the Lineman™ requires no strand traction to drive rotation – this means you can now lash in any weather. The tough, precision drive system needs no adjustment and delivers even lashing action. The strand brake keeps wire tight prevents the lasher from sliding backward when forward motion is halted.

The Lineman™ Lasher holds up to 1200' per coil of 0.045" lashing wire without reloading, and works compatibly with up to 1/2" strands. A flat base ensures the lasher won't roll around in transit, and the ergonomic handle and controls add to total precision performance.



| Part No. | Maximum Strand | Maximum Lash | Wire Size | Spool Size | Overall Dimensions | Weight |
|-----------|----------------|---------------|------------------|-----------------|---------------------------|---------|
| 61400-000 | 1/2" | Up to 3" dia. | 0.038" to 0.061" | 1,200' per coil | 19-1/2" L x 12" W x 12" H | 38.0 lb |

Lasher Accessory - Tow Rope

Both the Eagle Lasher and Lineman™ Lasher come standard with a tow rope. However, a replacement can be ordered if required.



| Part No. | Description | Overall Length | Weight |
|-----------|-----------------------------------|----------------|--------|
| 61439-000 | Tow Rope (3/8" Rope x 7/16" Hook) | 60" | 1.0 lb |

Lasher Accessory - Halo Brush Guard

Halo Brush Guards are designed to sit at the leading edge of your Lineman™ or Eagle Lasher, so that branches and other obstacles are pushed out of the way during lashing and are less likely to be caught up in the entrance of the machine.

The guards are available in upper and lower models.



| Part No. | Description | Overall Dimensions | Weight |
|-----------|--------------------------------|---------------------------------|--------|
| 61442-000 | Halo Ring Guard Kit - Lineman™ | 2" L x 13-3/4" W x 9-1/4" H | 5.6 lb |
| 61773-000 | Halo Ring Guard Kit - Eagle | 2" L x 13-3/4" W x 9-1/4" H | 5.6 lb |
| 61873-000 | Halo Ring Guard Kit - Falcon | 2" L x 13-3/4" W x 9-1/4" H | 5.6 lb |
| 61436-000 | Halo Brush Guard | 2-1/2" L x 9-3/4" W x 4-7/16" H | 1.6 lb |

Overlash Assembly - Falcon, Eagle, & Lineman™

When overlashing, the strand is already lashed to the cable and is no longer accessible for latching on with the strand lock. The overlash assembly will compensate by adjusting down to the already lashed bundle to provide stability and guide the machine. It mounts to the front of your lasher (Falcon, Eagle, or Lineman™) and can be adjusted down to the existing cable, accommodating a bundle as large as 3" dia.



| Part No. | Overall Dimensions | Weight |
|-----------|----------------------------------|--------|
| 61438-000 | 2-3/4" L x 4-7/16" W x 6-5/16" H | 3.3 lb |

Rear Gate Kit - Lineman™

The Rear Gate guides and supports the cable exiting the lasher up towards the strand to aid in the lashing process. If the rear gate is damaged, a replacement is available.



| Part No. | Overall Dimensions | Weight |
|------------|---------------------------------|--------|
| 61400-SK01 | 2-7/16" L x 5-1/2" W x 5-1/4" H | 1.5 lb |

Wire Spool Plastic Guard Flange - Lineman™

The wire spool plastic guard is intended for use with the Lineman Lasher (61400-000) and can be inserted over top of the lashing wire spool and under the lashing wire flange. This allows the flange to be tightened even more securely and provides good grip on tough-to-use lashing wires, preventing twisting or bunching of the lashing wire while the spool is in the machine.



| Part No. | Outside Diameter | Inside Diameter | Material | Weight |
|-----------|------------------|-----------------|--------------------------------------|---------|
| 61409-065 | 6" | 1-3/4" | Flexible High-Hardness Plastic Resin | 0.06 lb |

Lashing Wire

The difference between DCD Lashing Wire and other lashing wires isn't visible to the eye. While all lashing wires may look and feel alike, DCD lashing wire is specially annealed for extra durability where the lash meets the strand. Wound in continuous coils for easy payout, DCD lashing wires won't come back to haunt you. Instead, the lash holds tight and stays even. DCD gives you multiple choices of size and type: aluminum, galvanized, various grades of stainless and non-metallic. All come in popular sizes to match any job, and while our sizes and types vary, our quality doesn't.



Straight Hub

Industry standard coils (5-1/2") to fit DCD's three main Lashers, as well as other lashers with drop-down doors.



Tapered Hub

Standard outside diameter to fit a tapered Cable Spinning Equipment hub (D Lashers).



Disposable Metal Reels

Pre-coiled on 6" aluminum reels to fit Legacy K & Special K lashers with a 1-1/4" mounting post.



Q-Sized

Compact coils (4" diameter) to fit the DCD Model Q Lasher. Available in three sizes.



Non-Metallic Material

A lasher tension adjustment mechanism is necessary to compensate for the softer aramid strand.

| Part No. | Wire Type | Lineman | Eagle | Falcon | Model K | Special K | Model S | Model Q | Straight-Hub | Modified DD | Model | Wire Diameter | Material | Coils per Box | Length | Net Box Weight | Total Coil Weight |
|-----------|------------------------|---------|-------|--------|---------|-----------|---------|---------|--------------|-------------|-----------|---------------|---------------|---------------|--------|----------------|-------------------|
| 61010-020 | Straight Hub | | | | ✓ | ✓ | ✓ | | | | 10A-3A | 0.061" | 316 Stainless | 6 | 650' | 42.0 lb | 7.00 lb |
| 61010-050 | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | 13A-3A | 0.045" | 430 Stainless | 6 | 1,200' | 41.0 lb | 6.56 lb |
| 61000-050 | Tapered Hub | | | | ✓ | ✓ | | | | ✓ | 13A-1A | 0.045" | 430 Stainless | 6 | 1,200' | 41.0 lb | 6.56 lb |
| 61020-030 | | | | | ✓ | ✓ | | | | | 11AK-1AK | 0.061" | 430 Stainless | 5 | 750' | 42.0 lb | 8.19 lb |
| 61020-050 | Disposable Metal Reels | | | | ✓ | ✓ | | | | | 13AK-1AK | 0.045" | 430 Stainless | 5 | 1,200' | 43.0 lb | 8.31 lb |
| 61020-060 | | | | | ✓ | ✓ | | | | | 23ANM-1AK | - | Non-Metallic | 5 | 1,200' | 11.0 lb | 1.87 lb |
| 61030-010 | | | | | | | | ✓ | | | 10AS-1AS | 0.061" | 316 Stainless | 8 | 225' | 20.0 lb | 2.30 lb |
| 61030-020 | Q-Sized | | | | | | | ✓ | | | 11AS-1AS | 0.061" | 430 Stainless | 8 | 225' | 20.0 lb | 2.26 lb |
| 61030-030 | | | | | | | | ✓ | | | 13AS-1AS | 0.045" | 430 Stainless | 12 | 375' | 18.0 lb | 2.05 lb |
| 61040-009 | Non-Metallic | ✓ | ✓ | ✓ | | | | | ✓ | | - | 0.050" | Non-Metallic | 6 | 900' | 8.5 lb | 0.91 lb |

Lashing Wire Clamps

DCD Lashing Wire Clamps are available in a range of sizes to suit your strand diameter. Two-piece clamps offer independent jaws; one-piece clamps form the jaws from a single metal plate. Metallic clamps (shown) are furnished with a double ended stud bolt and washers and free running nuts, all galvanized. Non-metallic type clamps are also available, but be sure to specify strand diameter.



| Part No. | Model | Strand Size | Type | Clamps Per Box | Weight |
|-----------|----------|------------------|--------------|----------------|---------|
| 61090-001 | D-901 | 0.250" to 0.437" | Two Piece | 100 | 11.0 lb |
| 61090-002 | E-902 | 0.250" to 0.375" | One Piece | 100 | 10.0 lb |
| 61091-228 | NM-LC5-1 | 0.228" to 0.256" | Non-Metallic | 100 | 0.5 lb |
| 61091-449 | NM-LC5-6 | 0.449" to 0.511" | Non-Metallic | 100 | 0.5 lb |
| 61091-453 | NM-LC5-7 | 0.453" to 0.546" | Non-Metallic | 100 | 0.5 lb |

Pin Guard

The Pin Guard is for use in overhead electrical work in live environment scenarios to guard against accidental line contact. Our pin guards are made from high impact, UV-resistant plastic. The product is dielectric tested, full plastic construction, and the lug eye fits standard Hot Sticks (standard shotgun sticks).



| Part No. | Guard Dimensions | Handle/Lug Dimensions | Weight |
|-----------|-------------------|--------------------------------------|--------|
| 62600-000 | 14-3/4" x 15-5/8" | 1-21/64" x 7/16" (Hole size: 0.600") | 1.9 lb |