

Brake Winches – Quality / Feature Comparisons

Dutton-Lainson Company brake winches use all welded reel construction.

Competitive winches use rivets for reel gears.
Welded gears are more rigid for more strength.

D-L winches use larger solid machined reel hubs.

Competitors use smaller diameter tubing hubs which collapse more easily with heavy load.

D-L uses heavy wall tubing for large hub models.

Competitors use lighter wall tubing that collapses under load.

D-L winches have either TUFFPLATE zinc plated finish or polyester powder coating.

Both are excellent rust preventing finishes.

TUFFPLATE plating outlasts conventional zinc plating by at least three times in salt spray tests and would be recommended in coastal boating applications.

Powder coating maintains cleaner, rust free appearance for the life of the winch when salt water is not involved.

Note: all small parts on powder coated winches have TUFFPLATE finish.

D-L brake winches have heat treated gears for longer service life.

Hardened gears also provide more resistance to periodic abuse.

Competitive winches do not have heat treated gears and do not last as long.

D-L brake winches use a rating system based on more realistic working conditions.

D-L brake winches are rated for the amount of pull that can be applied on the third layer of cable on the drum for small drum winches and on the first layer on large drum winches. This makes rating on large and small drum equivalent.

All known competitive brake winches are rated on the first layer of cable.

Therefore, competitive winches can pull rated capacity approximately 18” before they are overloaded.* D-L winches can pull rated load for 5 to 15 feet (depending on drum size) before overload would occur.

Extra heavy duty ‘B’ series and ‘DLB’ available.

‘B’ series brake winches have needle bearings, gear covers and extra heavy construction for severe applications.

D-L has models with freewheel feature available.

These models allow versatility of freewheel combined with safety of brake winch.

D-L brake winches have spring safety device on handle shaft.

Competitive winches, without this feature, can raise a load by cranking the wrong way and there would be no brake. The load would fall when handle is released.

This feature also prevents a jammed load from free falling when the jam breaks free which is possible in competitive brake winches.

* Hand winches with cable drums much wider than those used by D-L, Fulton and Shelby would hold somewhat more than 18” on first layer on drum.