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General Cable Guidelines

The poultry industry continues to put greater pressure on winching systems due to larger and larger houses. We cannot continue to use the same products we have used for 50 years. We already hear reports of cables and straps breaking and winches failing due to overload.

BREAKING STRENGTHS: Breaking Strengths apply only to new, unused cable.

WORKING LOAD LIMIT: Cable is designed for a working load limit (WLL) of 20% of the break strength. Never exceed the working load limit on any winching system. Please consult the tables below for more information.

Wire Ropes and Cables must be stored, used, lubricated and maintained in accordance with normal safety standards, and must be properly designed, maintained, and operated. Inspect regularly. Do not kink, knot or crush.

When terminating the end of a cable, at least 3 appropriately sized cable clamps and a cable thimble must be used to create an eye splice. Clamps must be installed with the u-bolt on the dead end side and spaced six times the diameter of the cable apart. Failure to properly install cable clamps and cable thimbles will greatly compromise the integrity of the cable.

INSPECTION: No product can operate indefinitely at its rated capacity. Wire Rope and Cable must be inspected regularly for any deterioration, which may result in the loss of original strength. User must determine whether further use of the cable would constitute a safety hazard to life or property. Lubricate operating ropes regularly. Keep out from under any raised loads and keep out of the line of force of any load.

AVOID SHOCK LOADS

AMT GALVANIZED & PRIME CABLE SPECIFICATIONS

Diameter in Inches	Construction	MIN Break Strength/Lbs.	MAX Working Load/Lbs.
1/16	7 x 7	480	100
3/32	7 x 7	920	180
1/8	7 x 7	1,700	340
1/8	7 x 19	2,000	400
5/32	7 x 7	2,600	520
5/32	7 x 19	2,800	560
3/16	7 x 7	3,700	740
3/16	7 x 19	4,200	840
7/32	7 x 19	5,600	1,120
1/4	7 x 19	7,000	1,400

AMT STAINLESS STEEL CABLE SPECIFICATIONS

Diameter in Inches	Construction	MIN Break Strength/Lbs.	MAX Working Load/Lbs.
1/16	7 x 7	480	100
3/32	7 x 7	920	180
1/8	7 x 7	1,700	340
1/8	7 x 19	1,760	350
5/32	7 x 7	2,600	520
5/32	7 x 19	2,400	480
3/16	7 x 7	3,700	740
3/16	7 x 19	3,700	740
7/32	7 x 19	5,000	1,000
1/4	7 x 19	6,400	1,280