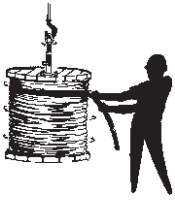


PAYOUT REEL LIFT



Allows one man to do the job instead of three or four. Use to move, stack, or spin heavy reels. Just slip it into the cable reel hole, tighten the boom line and the toggle on the bottom slips into place.

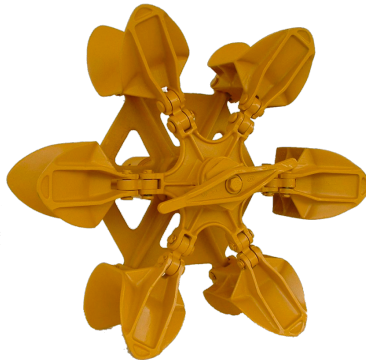
The "flipping ring" allows a reel to be safely flipped from the rolling position to a non-rolling position.

Cat. No.	Capacity	f/Arbor Hole
RT20	3,000 lb	2" - 4"
RT40	4,500 lb	3" - 6"
RT60	12,000 lb	2-5/8" - 6"

COLLAPSIBLE TAKE UP REEL

Cat. No. 176-A-78

This power reel attaches to the winch shaft and is designed to pick up wire in neat, compact rolls. Reel arms and supporting spiders are cast of aluminum alloy for light weight and maximum strength. Weight 70 lbs. Fits 2-7/16" shafts



SEE PAGE 292 FOR PARTS DIAGRAM

GUY WIRE DISPENSER

This Guy Wire Dispenser handles full coils with ease while storing partially used coils safely.

1. Raise the pivot swing arm
2. Drop in the coil
3. Lower the arm
4. Fasten bolt & wing nut
5. Cut bands
6. Feed strand

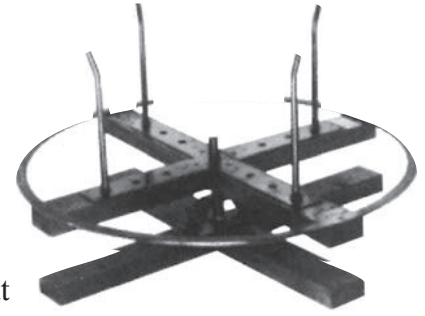


Cat. No.	Dimensions	Weight
6150	6" x 30"	10 lb
61501	8" x 36"	12 lb

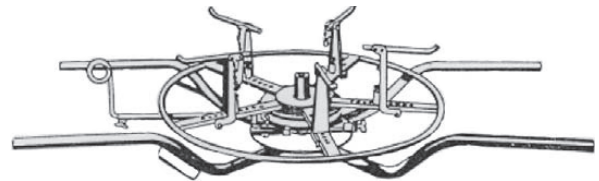
PLAIN PAYOUT REEL

Cat. No. 902

This reel is made of hardwood and is well braced and reinforced with sheet steel throughout. It is especially suitable for gang mounting on a wagon when paying out several wires at one time. Roll pins adjust for 12," 18," and 24" coils. Weight: 40 lbs.



COMBO PAYOUT & TAKE UP REEL



Payout and take-up reel all in one. It is extremely lightweight, yet strong and durable.

The frame is made of stout tubing. The guide pins adjust to take wire Coils from 13" to 27" I.D. and fold flat so that the whole reel is easy to carry and store. An automatic brake keeps tension on the reel preventing backlash and automatically releases and resets itself as the wire is pulled.

This unit will convert into a take-up reel by attaching the two vertical braces and handle. The carrier frame is removable so that the reel can be bolted to a truck. A thumb screw is provided for grounding attachment.

Cat. No.	Dimensions
3555	For copper - 34" max coil size
4533	For aluminum - 37" max coil size

PAYOUT REEL

Cat. No. 301-H

This portable payout reel is an all purpose device which can also be mounted on a truck. Reel can be set horizontally or vertically.

A hand screw tension brake prevents the reel from coasting and eliminates backlash or unraveling of the wire from the spool.



- WIDTH ADJUSTS FROM 8" TO 12"
- I.D. ADJUSTS FROM 15" TO 30"
- OUTER REEL DIAMETER IS 37"

LASHING WIRE

Made from stainless steel and designed to fit the C, J2 or Apollo Lashers. Wire diameter is either .038" or .045" diameter. Sold in cartons of 6 coils.



- **430 STAINLESS STEEL:** For general use in ordinary atmospheric conditions
- **302 STAINLESS STEEL:** Used in corrosive environments and has a higher tensile strength
- **316 STAINLESS STEEL LASHING WIRE :** Provides the best insurance against failure under the most severe atmospheric conditions including chlorides and sulfides.

Cat. No.	Description	Weight
71530	430 SS .045" x 1200'	39 lb/ctn
71533	302 SS .045" x 1200'	39 lbs/ctn
71534	316 SS .045" x 1200'	39 lbs/ctn
71535	302 SS .038" x 1600'	39 lbs/ctn

To estimate amount of lashing wire for a job:

- Add 5% to length for cable bundles up to 1.5" diameter
- Add 10% to length for cable bundles 1.5"-3" diameter
- Add 20% to length for cable bundles 3"+ diameter

LASHING WIRE GRIP

Cat. No. 08605

Temporarily secures any size lashing wire to suspension strand before releasing tension. Single grip groove fits all strand sizes. Wt. 10 oz.



D LASHING WIRE CLAMP

Cat. No. 07886

For lashing wire termination. Paired grooved plates, threaded stud equipped w/flange shoulder, two hexagonal nuts, and washer. Long-end nut tightens clamp on strand; short-end nut terminates wire. Hot-dipped galvanized finish. Clamping range: 1/4" - 7/16". 100/pk. Wt. 15 lbs.



TOWING LANYARD

Cat. No. 70190

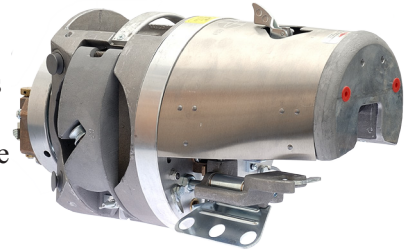
Used for pulling cable lashers and aerial cable guides. Attaches to lasher bridle. 35' long.



C2 CABLE LASHER

Cat. No. 71422

- For cables up to 1-7/8" on strands 1/4" to 3/8"
- Mechanical brake prevents lasher back-up.
- User can add cable to the existing bundle up to a total of 1-7/8".
- Removable front handle for overlashing.
- When removed, a generous 2-1/16" opening allows for smooth overlashing.
- Optional overlash handle (Cat. No. 28120) can be placed on the front of the machine without interference of the opening when overlashing.
- Contains sealed and self-lubricating bearings to minimize maintenance and assure durability



J2 CABLE LASHER

Cat. No. 86070

- For cables to 3" on strands 1/4" to 7/16".
- Overlashing capability with the turn of a lever.
- Gear-to-gear mechanism has no chains or belts to stretch, slip or break.
- Mechanical brake prevents lasher reverse.



DUAL-LASHING AERIAL CABLE GUIDE

Cat. No. 08007

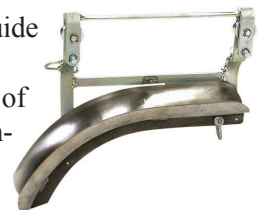
Can be used for new installations or for overlashing cable to existing plant. Cast aluminum shoe with a steel insert on the face. The shoe is suspended on steel straps from two strand rollers that lock securely onto the strand. All parts are plated or painted for corrosion resistance.



AERIAL CABLE GUIDE

Cat. No. 70055

For new construction only, this guide provides the proper lead to the first block during the cable pullout phase of a lashing operation. Cable shoe's non-stick, polished stainless steel surface minimizes cable friction.



FIBERGLASS EXTENSION HANDLE SET



Cat. No. FG6/3

Set of four 1.25" diameter hollow extension poles

WIRE RAISING TOOL

Plated steel wire raiser designed for placing cable on rollers, construction blocks, and hardware. Also pulls or lifts branches from lines. Snaps into pole without an adapter.



Cat. No.	Description
WR-1	Wire Raising Tool for JE, FG and LS Poles
WR-2	Wire Raising Tool for BF Male Ferrule

CABLE LIFTER

Cat. No. CL-1

Aluminum alloy cable lifter lifts copper, fiberoptic and coaxial cable. Use it to place cable on rollers, construction blocks and hardware. Snaps into pole without an adapter.



CABLE BLOCK PUSHER

Cat. No. 70431 - 24"

Cat. No. 70432 - 36"

Tool is positioned between the lasher and first cable block during new construction. Aluminum frame comes with locking pins keep it on the strand. Large rounded flanges keep the lasher from riding up over the pusher.



UNIVERSAL CABLE BLOCK PUSHER



Cat. No. 70018

Makes the lashing process smoother by maintaining the proper cable lead between the lasher and the cable block. The slotted steel tube has rotatable sleeves at each end to lock the unit on the strand. Standard length 24". Wt. 2.4 lbs.

90° CORNER BLOCK

Cat. No. 18101930

A larger bend radius of 23" makes this block effective for larger diameter cable and innerduct - up to 2.75" diameter. Welded and painted steel frame. Plastic rollers.

Order mounting attachment pole bracket or adapter separately.



45° CORNER BLOCK

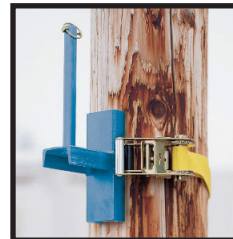
Cat. No. 18103530

Large bend radius of 23" can guide a single cable up to 2.75" diameter. Use in corners or as a cable chute. Welded and painted steel frame. Plastic rollers. Use with pole bracket and adapter.

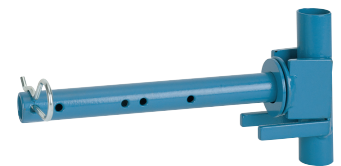
Order mounting attachment pole bracket or adapter separately.



POLE BRACKET & ADAPTER

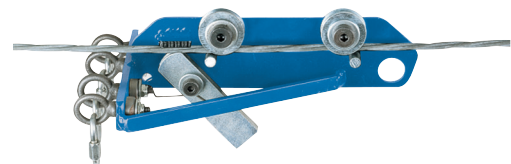


Cat. No. 18104400



Cat. No. 18106000

CABLE PULLER



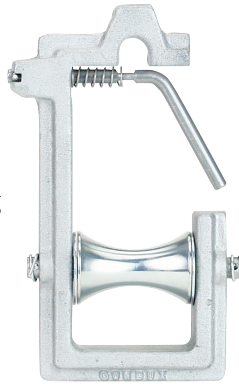
Cat. No. 18108000

Pull multiple cables easily and safely prior to lashing. Cables attach to quick connect links and pulling eyes that swivel during pulling. A spring-loaded strand brake holds unit in place when pulling is stopped and tension is reduced.

CABLE BLOCK

Cat. No. 18401080

For support of one cable or innerduct up to 1.25" outside diameter. Integrated cable retaining system with spring-loaded arm. Can be used on strands up to 3/8". Steel rollers.



CABLE BLOCK

Cat. No. 18000670

Support a single coaxial, fiber optic or copper cable or aerial innerduct up to 2.75" outside diameter. Built-in strand lock fits up to 3/8". Durable cast aluminum with steel inserts. Aluminum rollers.



D CABLE BLOCK

Cat. No. 72680

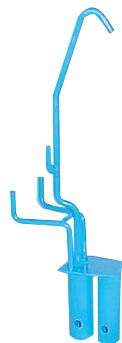
Supports aerial cable to 2-3/4" diameter. Heat-treated aluminum alloy frame. Oilite bearings on sheave. Strand hooks have steel inserts on bearing surfaces. Bi-directional locking lever. Wt. 3 lbs. 12 oz.



CABLE BLOCK LIFTER

Cat. No. 18110834

Place and remove cable blocks onto strand safely and easily from the ground. Two end fittings are incorporated to fit all major manufacturers' lay up sticks. 1.25" inside diameter.



OVERLASH CABLE BLOCKS

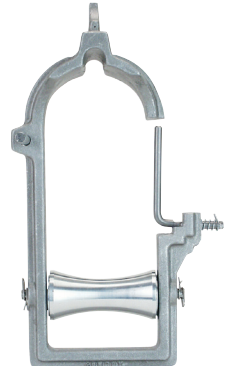
Cat. No. 18151500

May be placed over existing cable bundles up to 1.5" in diameter. Plastic single roller accommodates up to 1" diameter. Zinc plated steel frame.



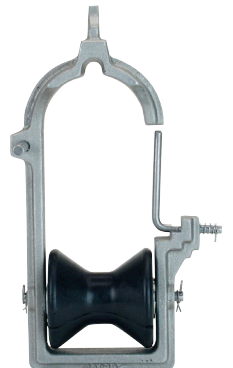
Cat. No. 18401180

Fit over an existing cable bundle up to 3" in diameter and support one 1.25" cable. Built-in cable retention system allows placement and removal from ground. Cast aluminum with steel inserts on strand contact surfaces. One aluminum double roller.



Cat. No. 18403060

Same as the 118401180, but with a single rubber roller



Cat. No. 18001100

Supports a single coaxial, fiberoptic or copper cable up to 3.75" outside diameter. Built in unidirectional strand lock fits up to 1/2" strand to prevent creeping. Frame and roller are cast aluminum.



4" OVERLASH ROLLER

Cat. No. 87210

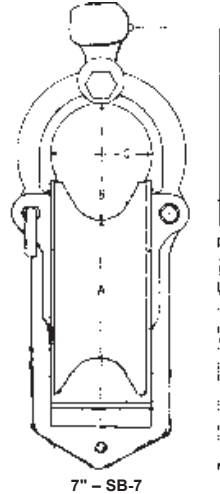
A simple, inexpensive solution for lashing cables or bundles of cable up to 4 in. diameter. A spring-latch gate encloses the cable(s) and strand within the frame. The light steel frame allows "in field" straightening if dropped or bent. Wt. 1 lb.



UNIVERSAL STRINGING BLOCKS

These stringing blocks with Timken roller bearings, are made from high strength aluminum alloy cast in permanent molds for uniformity. Sheaves can be lined with either neoprene or urethane.

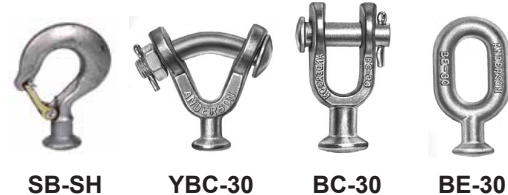
May be suspended or mounted, to or from INSULATORS & POLE or CROSS ARM BRACKETS. Safe work load is 2,500 lb



SPECIFICATIONS	
SB-7	
A	4.5"
B	3.5"
C	3.13"
D	14"
Capacity	
No Liner	2"
With Liner	1.75"

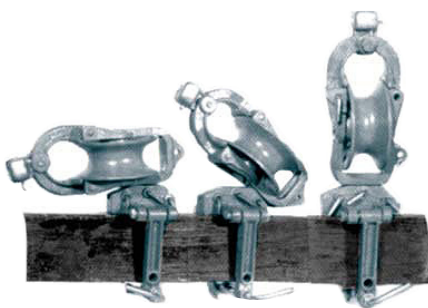
Stringing Block Accessories

Block attaches to the accessories shown, without extra fittings, by a safety locking pin.



Cat. No.	Description
SB-7	7" Universal Stringing Block with socket eye
SB-7-U	Same as above with urethane lined sheave
SB-7-N	Same as above with neoprene lined sheave

CROSS ARM BRACKET



Cat. No. SB-CB
Possible block positions: vertical, 67.5°, 45°, 27.5°, and right angle.

A single handle screw grips cross arms 4" x 4" to 6" x 4" quickly and

securely. Chain clamps for larger arms
Accepts Sherman & Riley, Campbell, Pengo, and Bethea blocks.

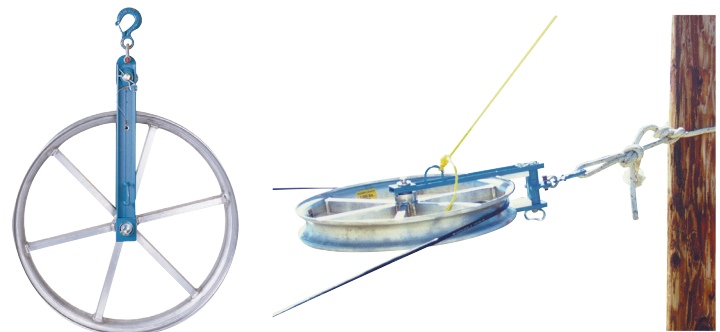
CLIPPING HOOK



Cat. No. HLCH

Safely handles up to 2-1/2" conductor on or off the structure. Shackle is welded and permanent. Wgt. 5lb. Safe work load: 6,500lb.

OVERHEAD FIBEROPTIC CABLE SHEAVE



Cat. No. 8637825

Specially designed for guiding fiber optic or CATV cable. It features an innovative hanger arm that eliminates cable coming off the sheave or binding against the support arm. With the removal of a pin, hanger arm separates and allows cable in/out.

22" sheave diameter allows for a gentle cable arc. Aluminum sheave construction. Capacity: 1,500 lb.

SKOOKUM® WIDE THROAT STRINGING BLOCKS

Features a wide throat that makes it much easier to pull a variety of line, connecting links, or oversized line conditions. Wide manganese steel Utili-Sheaves work harder and last longer.

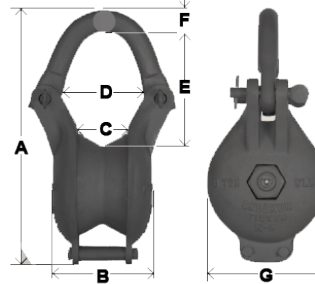
- R-4 block has straight roller bearings.
- R-6, R-8, R-10 blocks have long life Timken Bearings.
- Yokes and yoke pins are forged and heat-treated alloy steel.



Cat. No.	Sheave Size	Sheave Pin Size	Line Size	Weight	Working Load
R-4	4 x 1.38	1.25	3/8	12 lb	10,000 lb
R-6	6 x 3	1.38	3/8 - 1/2	30 lb	16,000 lb
R-8	8 x 3	1.38	1/2 - 5/8	43 lb	16,000 lb
R-10	10 x 4	1.38	1/2 - 5/8	50 lb	18,000 lb

*Ultimate strength is 5 times working load

DIMENSIONS							
Cat. No.	A	B	C	D	E	F	G
R-4	10.00	1.75	1.00	2.50	5.25	1.00	4.75
R-6	14.50	5.50	2.50	4.50	6.50	1.25	6.75
R-8	17.00	5.50	2.50	4.75	7.25	1.38	8.75
R-10	19.50	5.50	3.50	4.75	7.50	1.38	10.5



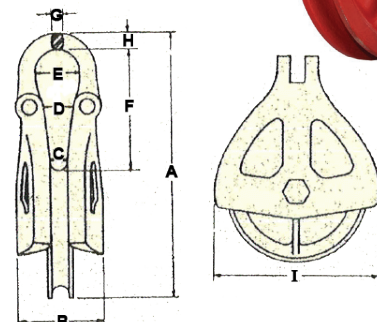
SKOOKUM® STRINGING BLOCKS

These half side blocks feature manganese long-life sheaves.

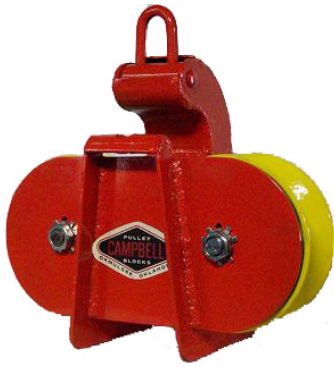
Cat. No.	Sheave Size	Sheave Pin Size	Line Size	Weight	Working Load
A-4	4 x 1.38	1.25	3/8	9 lb	10,000 lb
A-6	6 x 1.13	1.50	3/8 - 1/2	17 lb	14,000 lb
A-8	8 x 1.13	1.50	1/2 - 5/8	29 lb	16,000 lb
A-10	10 x 1.25	1.50	5/8 - 3/4	34 lb	16,000 lb
A-12	12 x 1.38	1.94	3/4 - 7/8	51 lb	27,000 lb

*Ultimate strength is 5 times working load

DIMENSIONS									
Cat. No.	A	B	C	D	E	F	G	H	I
A-4	7.75	3.50	1.13	1.50	1.25	3.50	7/8	7/8	4.50
A-6	10.50	4.00	7/8	1.50	1.50	4.50	1.00	1.00	6.50
A-8	14.50	4.00	1.00	1.50	1.75	6.00	1.25	1.25	9.00
A-10	16.50	4.00	1.00	1.50	1.75	6.50	1.25	1.25	11.00
A-12	19.75	6.25	1.00	1.75	2.25	6.50	1.50	1.50	12.50



UPLIFT / HOLD-DOWN BLOCK



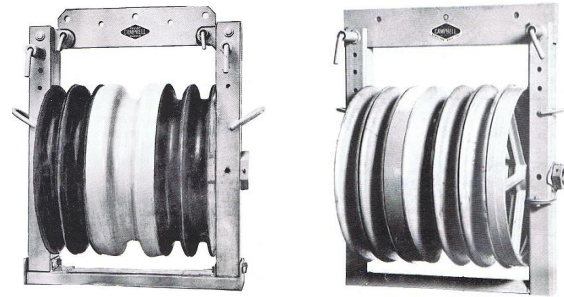
Designed for holding the pulling line or conductors down when they tend to "float" or rise up out of the stringing block sheave groove. Also used for pulling conductors down for inspection or other operations.

Block can be anchored to an object on the ground with a tie-down rope. The block is then lowered with trip rope.

The side of the block opens for attaching or removing from cable. Blocks are fitted with tow sheaves in tandem position to reduce bending of cable. Neoprene or urethane sheave liners available upon request.

Cat. No.	Sheave Dia.	Cable Size	Weight
S907	7"	1.75"	31 lb.
S910	10"	2.25"	46 lb.

BUNDLED CONDUCTOR BLOCKS



These blocks are of extra heavy duty design for hard service. The axles and roller bearings are of high load capacity. Call for more information.

STRINGING BLOCK ATTACHMENTS

Block attaches to the accessories shown, without extra fittings, by a safety locking pin.



SB-SH

YBC-30

BC-30

DISTRIBUTION BUNDLED CONDUCTOR BLOCKS



These multiple sheave blocks are specially designed for stringing multiple conductors using 3, 4, or 5 sheaves. They may be suspended directly from insulators or special application brackets.

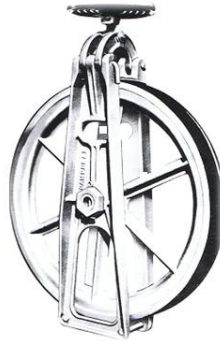
Blocks are made from high strength aluminum alloys and fitted with plated hardware. Timken Roller Bearings are standard.

Cat. No.	Outside Sheave Dia.	Conductor Capacity		Safe Work Load lbs.	Wgt lbs.
		w/o Liners	with Liners		
With Three Sheaves					
A33532	5"	1.5"	1.25"	2500	17
A33383D	8"	1.63"	1.38"	3000	32
A33103C	10"	1.63"	1.38"	3500	36
A33123B	12"	1.63"	1.38"	3500	40
A33153B	15"	1.63"	1.38"	3500	46
Neoprene Sheave Liners are also available					

Four & Five Sheave Blocks also Available

TRANSMISSION STRINGING BLOCK

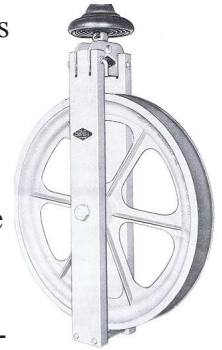
- Made from high strength aluminum alloy.
- Frames have hand holds for carrying and hand line hook.
- Top yoke swings clear and is secured by a safety locking handle pin.
- The throat is both wide and high with smooth contoured edges allowing swivels and splice to pass freely.
- Timken tapered roller bearings
- Neoprene or urethane sheave liners available.



Cat. No.	Sheave Dia.	Conductor Capacity		Safe Work Load	Wgt lbs.
		w/o Liners	w/Liners		
A1416A	16.5"	1.38"	1.13"	4000 lb	23
A1418D	18"	2"	1.75"	4000 lb	36
A1420B	20"	2"	1.75"	4000 lb	40
A1422D	22"	2"	1.75"	4000 lb	44
A1428D	28"	2.13"	1.88"	6000 lb	68
A1436I	36"	2.38"	2"	8000 lb	150

HEAVY DUTY STRINGING BLOCK

- Used for stringing conductors, as catch-off blocks, angle blocks, and for river crossings
- Built with tubular steel frames and axles.
- Heavy duty Timken bearings are standard.
- The socket eye may be removed and replaced with a hook, shackle, or other fitting.
- Neoprene or urethane sheave liners are available.



Cat. No.	Sheave Dia.	Conductor Capacity		Safe Work Loads lbs.	Wgt lbs.
		w/o Liners	w/Liners		
S1722D	22"/18"	2"	1.75"	7000	44
S1728D	28"/24"	2.13"	1.88"	8000	68
S1736D	36"/30"	2.13"	1.7"	10,000	150
The blocks below have parabolic designed sheaves that are extra wide and are ideal for reconductoring and similar work.					
S1722C	22"/18"	3"	3"	7000	44
S1728C	28"/24"	3"	3"	8000	68

POLE BRACKET

Cat. No. 28

General purpose bracket for use on pole only. Bracket and block sold separately.



INSULATOR LIFTERS

Cat. No. PSC400-2927

This high-density, 12.6" dia. bell lifter is made of sturdy polyethylene. 400 lb Test Load Wgt: 13.5 lbs.



PSC400-2927

Cat. No. LH95

This 10" dia. bell lifter is rubber coated to protect porcelain insulators. 8,000 lb Test Load Wgt: 65 lbs.



LH95

RUNNING BOARD

Designed for use with blocks listed on this page. Made of high strength material and has an articulated flexible design. Compatible with standard swivels (not included).

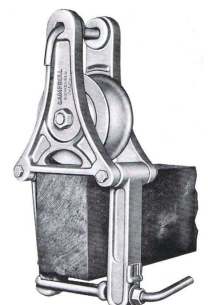


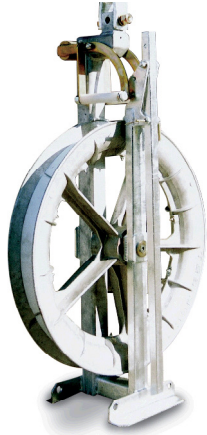
Cat. No.	For Blocks With
645	5" Sheaves
648	8" Sheaves
610	10" Sheaves
612	12" Sheaves
615	15" Sheaves

CROSS ARM GRIP

Cat. No. A80

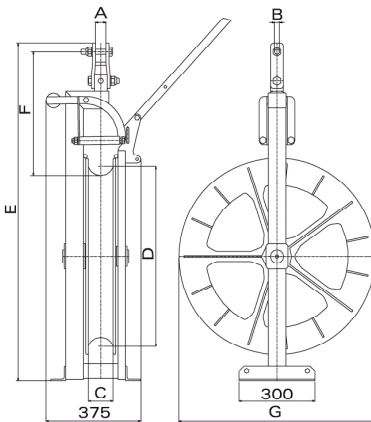
Fits 5" x 6" cross arms.





PULLEYS FOR HELICOPTER STRINGING

- Suitable for stringing the pilot rope by a helicopter.
- Pilot rope is automatically positioned in the central wheel. Special guides ensure the correct positioning of the rope during stringing operations.
- Wheels are made of aluminum alloy mounted on ball bearings; the lateral ones have the groove lined by neoprene ring; the central one has the groove made up of wear-proof interchangeable nylon sectors.
- The frame is made of galvanized steel.
- Pulleys are supplied with fixed connection.
- Grounding device or complete conductive sheaves can be supplied on demand. SWL 5:1



Cat. No.	Dimensions (in.)							Breaking Load	Weight
	A	B	C	D	E	F	G		
21003600NY	1	15/16	2-11/16	25	49	16	30	27,000 lb	106 lb
21003700	1	15/16	3-3/4	25	49	16	30	27,000 lb	137 lb
21003800	1	15/16	2-11/16	31	54	16	35	27,000 lb	143 lb
21008900	1	15/16	3-3/4	31	54	16	35	27,000 lb	154 lb
21003400	1	15/16	3-3/4	39	62	16	43	45,000 lb	187 lb

Two or Three Bundled Conductor Pulleys also available



OVERHEAD LINE BICYCLE

- Suitable to fit aircraft warning spheres on single lines.
- Fits spacers on two, three and four bundled conductor lines.
- By pedaling forward, the bicycle moves backward in order to provide the operator with necessary working space.
- Equipped with a disc brake on the driving wheel and an safety clamp which brakes on the conductor.
- A footage counter and safety chains are also provided.
- For models 6155 and 6140 the distance between conductors can be set from 13.77" up to 23.62" with pitch of 1.94".

Special models can be designed according to customer's needs (specify distance between the conductors).

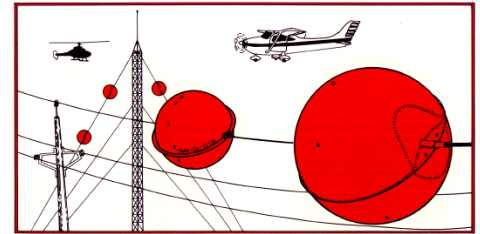
Cat. No.	Description	Weight	Optional Basket for Working Devices
21006100	In alloy-light for single lines	42 lb	Cat. No. 6105
21006120	For three bundled conductor lines (I = 15-3/4")	121 lb	Cat. No. 6126
21006130	For three bundled conductor lines (I=17-11/16")	121 lb	Cat. No. 6126
21006155	In alloy-light for two bundled conductor lines	75 lb	Cat. No. 6156
21006140	For three bundled conductor lines	141 lb	Cat. No. 6141

AERIAL WIRE MARKERS

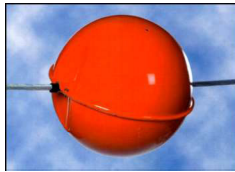
Use to mark power, communication, and guy wires at airport or helicopter approach areas, river/canyon crossings, overhead obstructions, and migratory wild fowl refuge areas. Made of fiberglass for long life (will withstand hail) and are made to FAA specifications. Units will not slip, oscillate, chafe, or cause electrolysis or harmonic vibration.



- Markers install in 10 minutes and need no maintenance
- All models can be ordered with corona protection up to 220KV
- Available with 3M Reflective Tape for night time visibility (shown at left).



JX STYLE



- For Neutral wire, guy wire, and conductor wires up to 69kV
- Easy to install with 4 bolts
- Cable size from .2" - 1"
- Neoprene Bushings included

AR STYLE



- For conductor up to 69kV
- Armor Rod holds marker in place
- Included 2 sets of armor rod
- Identify cable diameter before ordering

HS STYLE



- For conductor up to 69kV
- No need to de-energize line
- Install using a hotstick

Cat. No.	Dia.	Fits Wire	Wgt
TWM-9JX	9"	up to 3/4"	2 lb
TWM-12JX	12"	up to 3/4"	3 lb
TWM-20JX	20"	up to 1"	4.5 lb
TWM-24JX	24"	up to 1-1/4"	7 lb
TWM-30JX	30"	up to 1-1/4"	11 lb
TWM-36JX	36"	up to 1-1/4"	19 lb
TWM-54JX	54"	Made to spec.	35 lb

Cat. No.	Dia.	Fits Wire
TWM-9AR	9"	up to 3/4"
TWM-12AR	12"	up to 3/4"
TWM-20AR	20"	up to 1"
TWM-24AR	24"	up to 1-1/4"
TWM-30AR	30"	up to 1-1/4"
TWM-36AR	36"	up to 1-1/4"

Cat. No.	Dia.	Fits Wire
TWM-9HS	9"	up to 3/4"
TWM-12HS	12"	up to 3/4"
TWM-20HS	20"	up to 1"
TWM-24HS	24"	up to 1-1/4"
TWM-30HS	30"	up to 1-1/4"
TWM-36HS	36"	up to 1-1/4"

AERIAL CONDUCTOR DOLLY

Aluminum alloy inspection trolleys that allow two persons in erected positions to inspect two, three and four bundled conductor lines. The trolleys are equipped with spacer and insulators surmounting device, stationary brakes, meter counter. Special models with different characteristics can be designed according to customer's needs.



Cat. No.	No of Bundled Conductor Lines	Spacing	Capacity	Weight	Engine		
					Gasoline	Cooling System	Starting System
21006035	2	15-3/4"	562 lb	176 lb			
21006030*	2	15-3/4"	562 lb	243 lb	4 HP	Air	By Handle
21006045	3	15-3/4"	562 lb	198 lb			
21006040*	3	15-3/4"	562 lb	265 lb	4 HP	Air	By Handle

*Motorized Version

SAGWATCH

Cat. No. SLE

The principle of sagging by wave-timing has long been recognized. The use of the Sagwatch to determine sag simply, rapidly, and accurately can save many valuable man-hours by eliminating conversion tables and the setting and sighting of targets.

This high-quality instrument has a 7 jewel Swiss movement in a stainless steel case. It is water resistant, dust protected, shock resistant, antimagnetic, and self-compensating with an unbreakable mainspring.

Logarithmic scales are calibrated in feet and decimals for both 3rd and 5th returns of a mechanical wave providing direct reading of sags up to 100 feet.



CONDUCTEMPOR

Cat. No. 160

The Conductempor is constructed of the finest materials and contains a highly accurate bimetal thermometer mounted in a piece of aluminum alloy conductor in order to accurately determine the temperature of the conductor being sagged, and not just the temperature of the air. With quick, accurate response to temperature variations, it may be used for any size ACSR or ACAR conductors. The temperature dial is a large 1-3/4" dial graduated in 2 degree increments for ease of reading.

Range: -40° to 160° F Length: 9"



POCKET THERMOMETER

Cat. No. 21412-1J

These thermometers are made with Binoc tubing which magnifies liquid column for improved readability under all conditions. They are red Permacolor liquid filled for reading in poor light and are calibrated for total immersion.



SAGSCOPE



Cat. No. SL-SCOPE

- Features bright, crisp, distortion-free optics in a rugged, high quality, compact device for accurate wire sagging.
- Equipped with a 3 to 9 power zoom and cross hairs.
- Other features include a two-way bubble level and vertical, horizontal, and rotational adjustments for easy leveling under a variety of field positions.
- Unit comes complete with a removable eye shade, lens caps, a variable adjustable mounting bracket which can be used on lattice tower structures or wood poles, and a High Density Polyethylene storage case.
- Comes with magnetic mount.

LASER RANGE FINDER

Cat. No. LT200

Quickly and accurately calculate horizontal, vertical and slope distances with the press of a button.



More Laser Distance Meters
Pg. 41

Cat. No.	Capacity x Divisions	Safety Factor
5-01	1,000 x 10 lb	5:1
5-02	2,000 x 20 lb	5:1
5-04	4,000 x 25 lb	5:1
5-05	5,000 x 50 lb	5:1
5-08	8,000 x 50 lb	5:1
5-10	10,000 x 100 lb	5:1
5-15	15,000 x 100 lb	5:1
5-20	20,000 x 200 lb	4:1
All models listed have a 5" dial		

MECHANICAL DYNAMOMETER

These meters operate in any position and are rated at plus or minus 1/2% of full scale accuracy.

Can be subjected to accidental static overloads up to 50% without affecting performance.

All models have an antiparallax dial.



ED JUNIOR DYNAMOMETER

Easily apply a load and take a reading. The ED Junior can be relied upon for simple, yet critical measurements of weight and force. Through the use of aircraft quality aluminum, the EDjunior is an easy-to-position, highly mobile instrument with exceptional strength.

- **Measurement Capabilities:** Provides peak detection as well as sustained load readings in lbf, kgf and Newtons.
- **Accuracy:** The load element design and strain gauges chosen for the EDjunior produce an accuracy of 0.2% (full scale).

Cat. No.	lbf	Storage Case
EDJR-1T	2500	included
EDJR-2T	5000	included
EDJR-5T	10,000	EDJR-5T-C
EDJR-10T	25,000	EDJR-10T-C



ED-XTREME DYNAMOMETER

Modular dynamometer so flexible it could serve as a simple hanging scale or could form the hub of a complex weighing system.



Units with communicator also available

- Capacities up to 550,000 lb.
- Selectable in lb, kg & newtons
- Accuracy: within $\pm 0.1\%$ F.S.
- Resolution 1 part in 5,000 enhanced
- 7:1 Safety Factor (aluminum) 5:1 (Steel)
- NEMA 4X/IP55

Cat. No.	lbf
EDX-1T	2500
EDX-2T	5000
EDX-5T	10,000
EDX-10T	25,000
EDX-20T	50,000
EDX-50T	100,000
EDX-75T	160,000
EDX-100T	220,000
EDX-150T	330,000
EDX-250T	550,000

