

Section J  
of TELEPHONE EQUIPMENT  
& SUPPLIES CATALOG

ISSUED OCTOBER, 1967

SUPERSEDES SECTION J  
DATED OCTOBER, 1963

**MISCELLANEOUS**

For Complete Index, see next page.

**AUTOMATIC ELECTRIC COMPANY**

NORTHLAKE, ILLINOIS 60164 / TELEPHONE (312) 562-7100

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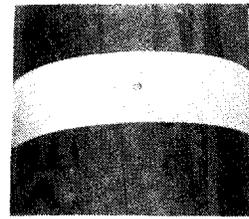


**Buried Cable Signs**

Made of heavy gauge steel. Finished in vitreous enamel. Large size, 13 x 17 inches. Mounting holes have copper inserts. Yellow background, black letters.

Ordering No.	Description	Wt. Lbs.	Price Each
<b>S-525044</b>	With Grommets.....	3 1/2	<b>\$1.60</b>

**Scotchlite® Delineators**



Used to mark roadways, buildings, poles, etc. 3M Type 3270 silver reflective sheeting mounted on aluminum—nails directly to surfaces.

Ordering No.	Dimensions, Inches	Price Each
<b>S-518212</b>	2x14	<b>\$35</b>



**Buried Cable Warning Signs**

Thirteen gauge galvanized steel sign has protective plastic coating to resist corrosion.

Post dimensions, inches: 1 3/4 x 3/4 x 72 flanged channel.

Base Plate, inches: 3 x 3 3/4.

Flag Area, inches: 4 x 12.

Decal: three colored vinyl.

Emblem: Your emblem inserted in lots of 500 posts.

Weight, lbs.: 6.

Ordering No.	Type	Price Each
<b>S-524962</b>	412	<b>\$1.60</b>

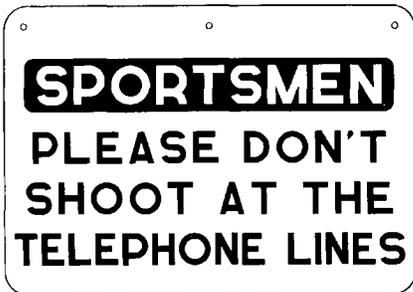
**Dry Cell Batteries**



Especially designed for telephone work. Round jackets only, equipped with Fahnestock spring terminals unless ordered otherwise.

Standard package is 12 cells to carton. On domestic orders for 48 or more, transportation charges are prepaid. Orders less than 48 are F.O.B. shipping point.

Ordering No.	Type No.	Volts	Size Inches	Wt., Lbs. per Pkg.	Price per 100
<b>S-430179</b>	6	1 1/2	2 5/8 x 6 5/8	26	<b>\$69.38</b>



**Double Faced Warning Signs**

Steel sign reads. SPORTSMEN PLEASE DON'T SHOOT AT THE TELEPHONE LINES. Black letters, yellow background. Reverse side arranged to permit mounting directly on crossarm. No bracket required.

Ordering No.	Type	Dimensions, Inches	Price Each
<b>S-537000</b>	R-6	14x20	<b>\$4.00</b>

**Galvanized Steel Sign Posts**

Durable hot dipped galvanized, channel steel. Thirty 3/8-in. holes on one-inch centers beginning one inch from top of post. Self-anchoring without ground plate. Flanged channel provides maximum ground stability. Hard to climb.

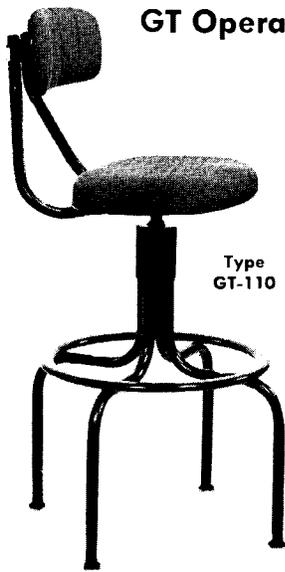
Ordering No.	Type	Length, Feet	Std. Pkg.	Wt. Lbs.	Price Each
<b>S-524611</b>	2 LB	8	5	16	<b>\$3.00</b>

**Battery Boxes**



Convenient means of mounting dry cells and protecting them from injury. May be hung on the wall or desk, placed on the floor or wherever needed. Made of black finished sheet metal; lined with insulating material.

Ordering No.	Capacity	Wt., Lbs.	Price Each
<b>S-422336</b>	Three No. 6 Dry Cells	1 1/2	<b>\$2.20</b>



**GT Operators' Chairs**

Type  
GT-110

All metal parts are covered with 1/32-in. brown Marvinol Plastic.

Also features Follow-Flex backrest, improved spindle and bearing, larger glides and oval footring with extra-heavy coating of Marvinol.

Choice of cane or air-cell seat. Aircell seat is covered with mahogany fabric.

**With Cane Seats**

Ordering No.	Type	Seat Ht. Adj. In.	Price Each
<b>S-711304</b>	GT-40	18 to 22	<b>\$58.21</b>
<b>S-711308</b>	GT-80	20 to 24	<b>\$5.97</b>
<b>S-711310</b>	GT-100	24 to 28	<b>\$6.81</b>
<b>S-711312</b>	GT-120	28 to 32	<b>\$8.07</b>

**With Aircell Seat**

<b>S-711303</b>	GT-30	18 to 22	<b>\$50.16</b>
<b>S-711307</b>	GT-70	20 to 24	<b>\$7.91</b>
<b>S-711309</b>	GT-90	24 to 28	<b>\$8.75</b>
<b>S-711311</b>	GT-110	28 to 32	<b>\$0.01</b>

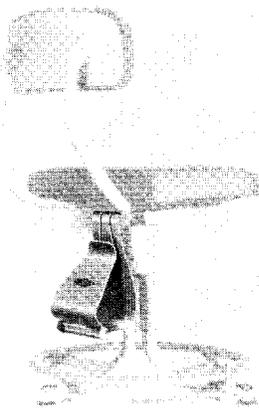
**Replacement Parts For GT Chairs**

Following are for current models shown above:

Ordering No.	Description	Price Each
<b>GT-150</b>	Upper Unit (Without Seat)	<b>\$16.30</b>
<b>GT-210</b>	Cane Seat	<b>\$17.92</b>
<b>GT-220</b>	Upholstered Seat	<b>\$10.36</b>
<b>GT-240</b>	Upholstered Backrest	<b>\$6.79</b>
<b>GT-260</b>	Footring	<b>\$6.67</b>

Following seats are for previous model chairs Type GT-1 through GT-8 manufactured before March 4, 1957.

Ordering No.	Description	Price Each
<b>GT-270</b>	Cane Seat	<b>\$17.92</b>
<b>GT-280</b>	Upholstered Seat	<b>\$11.50</b>



**Purse Holders**

Keeps purse off plug shelf. Mounts under operator's chair.

Made of steel with brown crackle finish.

Ordering No.	Type	Wt. Lbs.	Price Each
<b>S-793101</b>	15830	1 1/4	<b>\$3.75</b>

**Tele-Muff Jr. Ear and Air Headset Cushions**



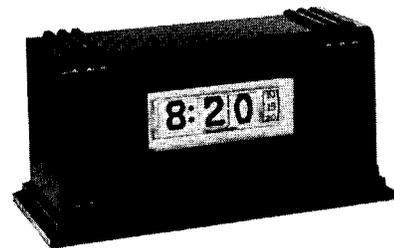
Tele-Muff ear cushion fits any headset to relieve pressure on head and on the ear while shutting out all undesirable outside noise. Air cushion permits air to reach head.

Made of soft, pliable virgin vinyl foam.

Ordering No.	Description	Wt. Lbs. per 100	Price Per 100
<b>S-792401</b>	Ear Cushion, Assorted Colors	2	<b>\$20.79</b>
<b>S-792400</b>	Ear Cushion, Black Only	2	<b>\$20.79</b>
<b>S-792404</b>	Head Air Cushion, Black	2	<b>\$20.79</b>

**Numeral Clocks**

For Timing Toll Messages



Saves time for the operator; insures the exchange its full share of toll revenue. Clock shows hours, minutes, and seconds. Ideal for time-of-day service. Timer sits on top of switch-board in full view of the operator. Self-starting electric. Black plastic case. Operates on 110-volt, 60-cycle a.c.

Ordering No.	Dimensions Inches	Wt. Lbs.	Price Each
<b>S-711370</b>	7 3/4 x 4 x 4	3	<b>\$15.00</b>

Prices are subject to change without notice.

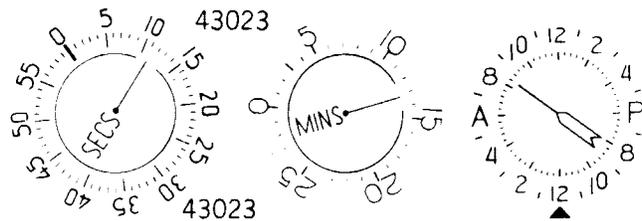
**Calculagraphs**

The Calculagraph is widely used in the telephone field for timing telephone messages. It computes the exact elapsed time of the call and prints the elapsed time in minutes and seconds. A Calculagraph is a protection to both subscriber and company furnishing the service. It is equipped with two levers. By operating one lever when the conversation begins and the other when it ends the operator secures a printed card record that determines the correct toll fee—thus avoiding disputes and preventing losses in collections.

For telephone use, Calculagraph offers several models—the Model 6, Model 30, and Model 33. The round Models 6 and 30 are 8¾ inches in diameter; Model 33 is rectangular and smaller. All models can be ordered with the following current characteristics: 20 volts, 60 cycles; 30 volts, 50 cycles; 20 volts, 25 cycles; 115 volts, 60 cycles.

**When ordering**, please specify volts and cycles. Calculagraph regularly furnished with 20 volts, 60 cycles current characteristics unless otherwise ordered.

**Model 30**



Model 30 is equipped with self-starting synchronous motor. Records time of day, and also records elapsed time in minutes and seconds for a maximum period of 60 minutes or 30 minutes as shown in illustration. Red and green handles are standard, black handles are optional.

Model 30X is the same as Model 30 (dial illustrated) except it prints the date.

Either Models 30 or 30X can also be ordered with a 12-hour time of day imprint. See time of day imprint on the Model 6 record.

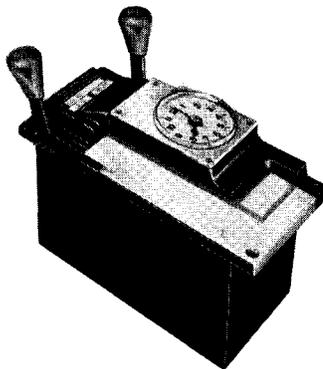
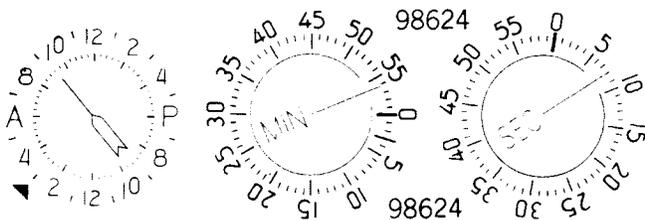
Available with two types of cases:

**Type C**—with flange at top. Sinks into keyshelf till flush with top.

**Type A**—has no flange and is designed for table top mounting.

With Type C Case		With Type A Case	
Ordering No.	Price Each	Ordering No.	Price Each
30C	\$210.00	30A	\$210.00
30XC	235.00	30XA	235.00

**Model 33**



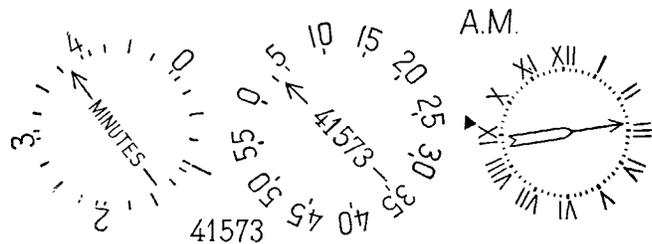
Model 33 is a small compact model 7½ in. in length, 3¾ in. in width, and depth of case is 3¾ in. below the switchboard. It occupies the space of 4 type A keys in a switchboard.

The movement is operated by a synchronous electric motor taking about two watts. It records elapsed time in minutes and seconds for a maximum period of 60 minutes and with the time of day on a 24 hour dial as shown here. The illustration shows the set back handle feature for use with mark sensing cards. The handles are color coded, green for start and red for finish, for easier operation. The visible clock face has a sweep second hand; this is especially convenient for determining the initial period of the call.

Black handles are available as an optional feature.

Ordering No.	Description	Price Each
33	Calculagraph.....	\$217.00

**Model 6**



The standard Model 6 is still available. It is driven by a rugged 8-day jeweled movement and records elapsed time in minutes and quarter minutes for a maximum period of 60 minutes and also records the time of day.

Model 6X is the same as Model 6 (dial illustrated) except it prints the date.

Either Models 6 or 6X can also be ordered with a 24-hour time of day dial as shown in the Model 33 illustration.

Available with two types of cases:

**Type C**—with flange at top. Sinks into keyshelf till flush with top.

**Type A**—has no flange and is designed for table top mounting.

With Type C Case		With Type A Case	
Ordering No.	Price Each	Ordering No.	Price Each
6C	\$215.00	6A	\$215.00
6XC	240.00	6XA	240.00

NOTE: Calculagraphs subject to Manufacturer's Excise Tax which will be added to above prices.

**Calculagraph Accessories**

**Transformers**

As telephone engineers prefer to keep 115 volts out of the switchboard most electric Calculagraphs operate on 20 volts. If 20-volt regulated current is not available, transformers can be supplied in two types.

**Type WH15W** transformer measures about 2½x2½x3½ inches and reduces from 115 volts to 20 volts. It is rated at 15 watts. This can be wired to the Calculagraphs on the job as desired and will safely operate seven Calculagraphs.

**Type UT 2½** is a very small, light transformer which can be plugged directly into any 115-volt receptacle. This small transformer has an 8-foot cord attached and the Calculagraph is connected to the other end of the cord. This is shipped all connected as a unit. This small transformer is rated at 2½ watts and will operate the one Calculagraph to which it is connected.

<b>WH15W</b>	Transformer . . . . .	ea.	<b>\$10.60</b>
<b>UT 2½</b>	Transformer with Cord . . . . .	ea.	<b>10.00</b>

**Ribbon Winding Cranks**

<b>A-33-37</b>	For Model 33 Calculagraph . . . . .	ea.	<b>\$.84</b>
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**Setting Keys**

<b>A-33-39</b>	For Model 33 Calculagraph . . . . .	ea.	<b>\$1.05</b>
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**Mounting Brackets**

<b>33-226-227</b>	Used to Mount Model 33 Calculagraph on Switchboard Mounting Irons. Two Needed per Calculagraph. . . . .	per pair	<b>\$1.80</b>
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<b>33-194</b>	Used to Mount Model 33 Calculagraph on Wooden Section of Switchboard. Two Needed per Calculagraph. per pair		<b>1.60</b>
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**Adapter Plates**

<b>33-199</b>	Used Where Mounting Model 33 Calculagraph in the Round Opening. Formerly used by the Large Round Model 6 or Model 30 Calculagraphs . . . . .	ea.	<b>\$10.00</b>
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**Pedestals**

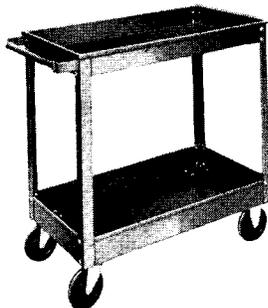
<b>154</b>	Used to Mount Models 30 or 33 Calculagraphs . . . . .	ea.	<b>\$80.50</b>
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**Pedestal Cases**

<b>10-206</b>	Must be used when Mounting Model 33 Calculagraph on Pedestal . . . . .	ea.	<b>\$10.00</b>
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**Ribbons**

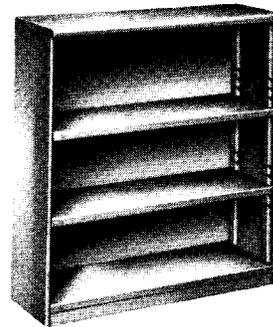
<b>S-794521</b>	Snap-On Type. . . . .	per doz.	<b>\$12.00</b>
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**SERVICE CARTS**

Equipped with 5-in. diameter composition rubber wheels—two stationary, two swivel. Formed steel type push bar. Pan type trays are 3-in. deep. Gray baked-on enamel finish.

Ordering No.	Description, Inches	Wt., Lbs.	Price Each
<b>3030</b>	30x16x32	46	<b>\$30.15</b>

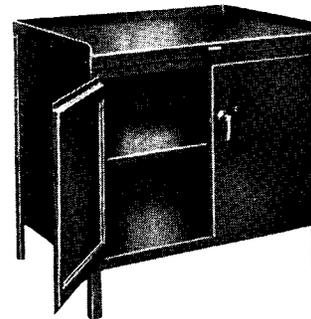


**BOOKCASES**  
**Counter High**

Two sliding shelves instantly adjust on 1½-in. centers and lock firmly in place. Each unit can be used individually or joined in continuing rows. Comes complete with two end finishing panels. Sliding steel doors are available on special order. Gray baked-on enamel finish.

Ordering No.	Description, Inches	Wt., Lbs.	Price Each
<b>969</b>	37 <sup>3</sup> / <sub>8</sub> x12 <sup>5</sup> / <sub>16</sub> x42	65	<b>\$29.80</b>

**Cabinet Benches**

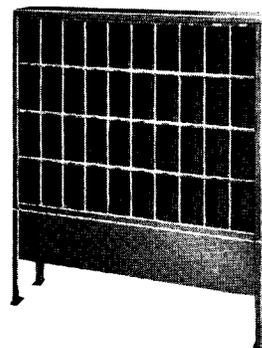


Ideal for storage use, both in the plant and in the offices. Heavy steel top makes sturdy mounting for small tools or office machines. Twelve square feet of storage area protected by double swinging doors with 3-point locking device. Key lock is built in. Center shelf adjustable on 1½ inch centers.

Finished with heavy coat of gray enamel, baked on to withstand hard wear. Shipped knocked down.

Ordering No.	Overall Dimensions Inches	Wt. Lbs.	Price Each
<b>3000</b>	36x24x34	125	<b>\$43.41</b>

**Headset Cabinets**



A compact unit contains 40 compartments with sloping shelves for efficient storage of operator's headsets. Cabinet shelves slant toward the rear to keep headsets from falling out.

Furnished in three sections. Cabinet section is 39¼ in. wide x 9 in. deep x 33 in. high. Top section is 39¼ in. wide x 9 in. deep x 1 in. high in front and 3 in. high in back. Base section is 39¼ in. wide x 9 in. deep x 15 in. high. Total height, 47 in.

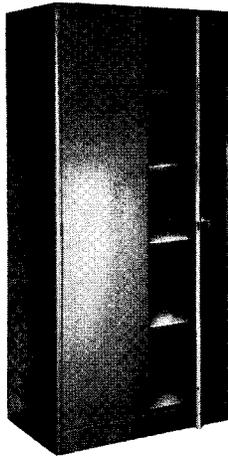
Finished in gray baked-on enamel. **Note:** when ordering, all three ordering numbers must be listed together for one complete Headset Cabinet. No section can be ordered separately.

Ordering No.	Description	Wt. Lbs.	Price Each
<b>EX 1437</b>	Cabinet section	90	<b>\$60.95</b>
<b>EX 1437-1</b>	Top Section		
<b>EX 1437-2</b>	Base section		

Prices are subject to change without notice.

**Steel Cabinets**

**Double Door Type**



A handy, general utility cabinet widely used in the telephone field for storing printed forms and office supplies. Cabinet corners are rounded for better appearance and greater safety.

Made of steel throughout. Reinforced doors swing open 180 degrees to give full access to interior. Doors lock at three points, top, bottom and center. Built-in key lock is standard.

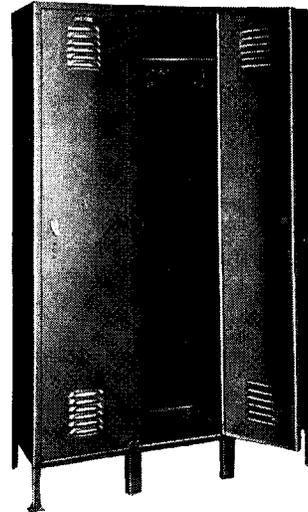
As illustrated, the cabinet is equipped with four adjustable shelves on two-inch mounting centers.

Finished with heavy coat of gray enamel, baked on to withstand hard wear.

Shipped set up as shown.

Ordering No.	Dimensions Inches	Wt. Lbs.	Price Each
<b>1000</b>	36x21x78	168	<b>\$71.20</b>

**Clothes Lockers**

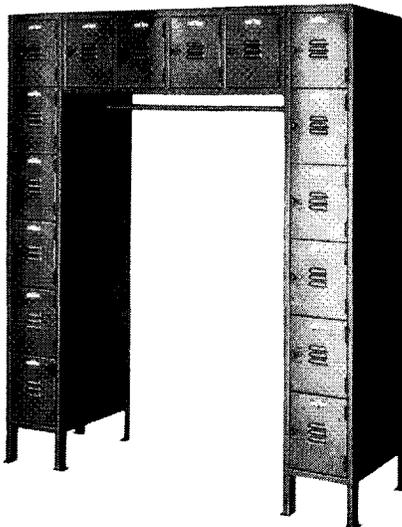


Full length locker equipped with one shelf, one double prong and four single prong ball pointed, rust-proof coat hooks. Finish is gray baked enamel; green or taupe also available.

Shipped knocked down.

Ordering No.	Sections	Overall Dimen., In.	Wt. Lbs.	Price Each
<b>5062</b>	1	15x18x78	74	<b>\$23.37</b>
<b>5062-3</b>	3	15x18x78	195	<b>\$7.92</b>

**LockeRacks**



The LockeRack provides coat storage and lock-up compartments for 16 people. Compartment dimensions: width, 12 inches; depth, 18 inches; height, 12 inches.

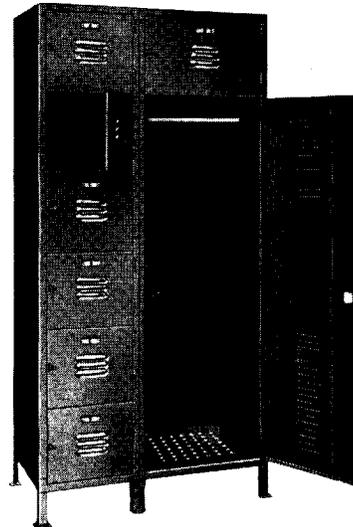
Door pulls serve as padlock hasps; padlocks not furnished. Built-in locks may be added in pre-punched holes at extra cost. Number plates also available at extra cost, specify sixteen No. 5829 plates per LockeRack and indicate numbering desired. Standard locker closed end bases and closed front bases available at extra cost; information on request.

Finished in durable gray baked-on enamel.

Shipped knocked down. Locker doors and frames are factory assembled in three units consisting of two upright sections with six doors each and one center section with four doors.

Ordering No.	Overall Dimensions Inches	Wt. Lbs.	Price Each
<b>5990</b>	69x18x78	201	<b>\$85.95</b>

**Hat and Coat Lockers**



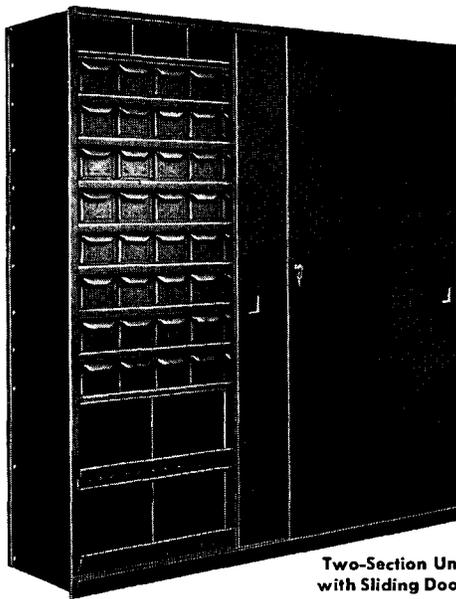
Accommodates seven persons. The large compartment is fitted with coat rod, no hooks. Letter plates A to G are on door of each small compartment with a number plate on the large door. The locks on all of the small hat compartments are different. Key to each small compartment fits large coat compartment but no other small compartment. Locks are master-keyed.

Finish: gray baked enamel.

Shipped completely set up as shown.

Ordering No.	Dimensions Inches	Wt. Lbs.	Price Each
<b>5401</b>	36x21x78	230	<b>\$108.78</b>

**Material Cabinets**



**Two-Section Unit with Sliding Doors**

Has 48 shelf boxes 5 $\frac{1}{16}$ x17 $\frac{1}{2}$ x4 $\frac{5}{8}$  inches. Each box is equipped with two adjustable dividers. All shelves are adjustable on 1 $\frac{1}{2}$ -inch centers with simple studs and clips. Two bottom shelves are equipped with 3-inch high bin fronts. Each section has closed base to fill space between floor and bottom shelf. Overall dimen. each section, 36x18x84 in.

Finished in gray baked-on enamel; green also available.

Doors can only be used on two adjacent sections. Sliding doors equipped with built-in lock with two keys. When used as illustrated specify one first section and one additional section to make rack assembly.

Shipped knocked down.

Ordering No.	Description	Wt. Lbs.	Price Each
<b>EX-1615-D</b>	One Section Only without Doors	300	<b>\$164.64</b>
<b>EX-1615-D</b>	Two Sections with Doors.....	724	<b>428.16</b>

**Vincent Rare Gas Relays**



Reduces noise caused by power induction on lines where divided ringing is used.

Relay may be used on magneto or common battery lines. Either harmonic or coded bells can be used.

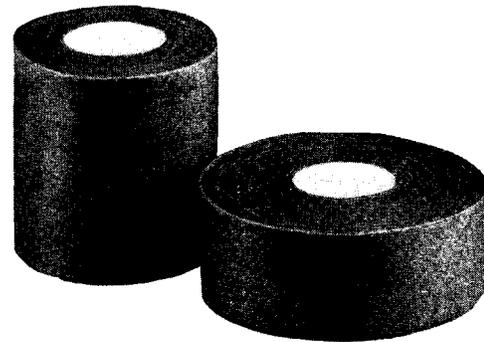
Relay consists of a small glass tube containing rare inert gases in contact with metal electrodes which allow current to pass above a closely predetermined voltage. Glass is protected by a heavy bakelite shell.

Length, 2 $\frac{1}{2}$  inches.

Provided with single hole mounting clip.

Ordering No.	Type	Wt. Lbs.	Price Each
<b>S-426904</b>	RTC	$\frac{1}{4}$	<b>\$3.75</b>

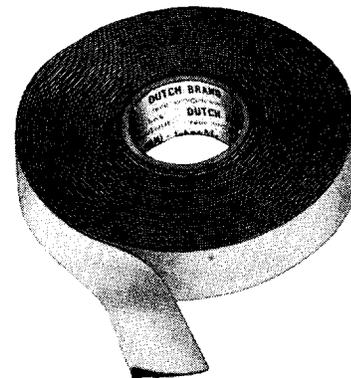
**Friction Tape**



Positive insulation protection in all climatic conditions. Provides economical insulation when used alone or with rubber tape.

Ordering No.	Type	Dimensions	Rolls Per Case	Wt. Oz. Each	Price Per Roll
<b>S-557529</b>	W1051-1	$\frac{3}{4}$ -in. x 60-ft.	10	..	<b>\$.52</b>
<b>S-557532</b>	16	2-in. x 60-ft.	45	20	<b>1.06</b>
<b>S-557531</b>	16	2-in. x 82 $\frac{1}{2}$ -ft.	40	20	<b>1.03</b>

**Type DR Tape**



Made of two plies of high grade rubber, one ply black, vulcanized and one ply white, unvulcanized.

Plies laminated together to form one tape.

Ordering No.	Width In.	Thick. In.	Feet per Roll	Wt. Lbs.	Price per Roll
<b>S-528230</b>	$\frac{3}{4}$	.045	15	$\frac{1}{2}$	<b>\$.43</b>
<b>S-528232</b>	2	.045	15	1 $\frac{1}{8}$	<b>1.13</b>

**Scotch® No. 88 Electrical Tape**

**All-Weather Vinyl Plastic**

Super-tough, flame-retardant backing resists abrasion, puncture, flame, acids, alkalis, oil, and weathering. 20% thicker than regular vinyl tapes. Conforms readily in extremely hot or cold temperatures yet retains body for smooth and easy application at normal temperatures. High tensile and mechanical strength. Non-corrosive. Consistent wet electric strength. Compatible with all synthetic insulations. Carton of 10.

Ordering No.	Dimensions	Price Per Roll
<b>S-528274</b>	$\frac{3}{4}$ -in. x 66-ft.	<b>\$1.06</b>
<b>S-528275</b>	1-in. x 36-yds.	<b>2.20</b>
<b>S-528276</b>	1 $\frac{1}{2}$ -in. x 36-yds.	<b>3.32</b>
<b>S-528278</b>	2-in. x 36-yds.	<b>4.40</b>

Prices are subject to change without notice.

**Scotch® No. 22 Electrical Tape**  
**Heavy Duty Vinyl Plastic**

Extra thick .010-in., with extra abrasion resistance and great mechanical strength. Used extensively for insulating large cable splices, transformers, circuit breaker connections, bus bars, etc. Seals and insulates splices and terminations on rubber, synthetic and plastic cable. Serves as sealing wrap on cable requiring corona-resistant splicing tape. Provides moisture and oil protection on flexible conduit.

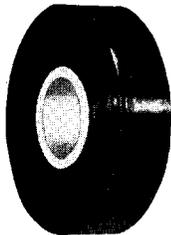
Ordering No.	Dimensions	Price Per Roll
<b>S-528281</b>	3/4-in. x 36-yds.	<b>\$1.54</b>
<b>S-528282</b>	1-in. x 36-ft.	<b>1.50</b>
<b>S-528283</b>	1-in. x 36-yds.	<b>1.92</b>
<b>S-528284</b>	2-in. x 36-yds.	<b>3.84</b>

**Scotch® No. 27 Electrical Tape**  
**Glass Cloth Backing**

Flame resistant. Thermosetting pressure-sensitive adhesive sets when exposed to high temperatures; forms a strong, permanent bond.

Ordering No.	Dimensions	Price Per Roll
<b>S-527980</b>	1-in. x 36-yds.	<b>\$5.48</b>
<b>S-527981</b>	1-in. x 60-yds.	<b>8.36</b>

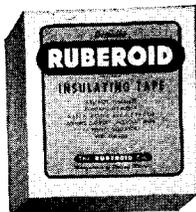
**Electrical Tape**  
**With Plastic Backing**



Has a stretchy, rubber-like vinyl plastic backing that enables it to do the work of the rubber and friction tape combination.

Ordering No.	Type	Description	Wt. Lbs.	Price per Roll
<b>S-528280</b>	33	3/4-In. Wide, 66 Ft. per Roll, .007-In. Thick	1/4	<b>\$1.47</b>

**Ruberoid Insulating Tape**



Used for wire connections, conduit joints, cable, etc. A tough, waterproof insulating tape with adhesive on both sides. Won't tear, ravel, pucker and is acid and alkali proof.

Resists abrasion and will not dry, crack or harden when used either above or below the ground.

Ordering No.	Size In.	Feet per Roll	Wt. Lbs.	Price per Lb.
<b>S-528009</b>	2	46	1	<b>\$1.13</b>

**Rubber Tape**

A long-lived rubber tape of excellent insulating qualities. Contains a large percentage of new live rubber. Will not corrode copper wire.

Ordering No.	Type	Width In.	Description	Price per Roll
<b>S-528170</b>	9	3/4	1/2-Lb. Roll	<b>\$.38</b>
<b>S-528172</b>	18	2	1-Lb. Roll	<b>.74</b>

**White Printable Tape**

For pair identification on fanning strips. Pressure sensitive, paper backed. Carton of 12.

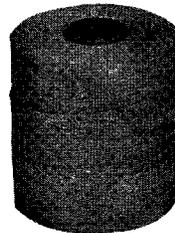
Ordering No.	Type	Dimensions	Price Per Roll
<b>S-557535</b>	256	3/8-in. x 60-yds.	<b>\$.56</b>

**Lacing Twine or Lockstitch**

A waxed linen thread used in sewing insulated cable forms, etc.

Made in a number of plies for use with various sizes of cables.

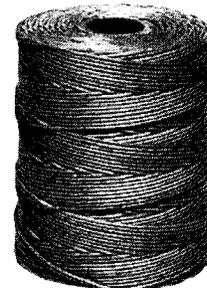
Furnished in 1-pound tubes, 6 pounds to the standard package.



Ordering No.	No. Plies	Price per Lb.
<b>S-798066</b>	6	<b>\$2.74</b>
<b>S-798067</b>	8	<b>2.74</b>
<b>S-798068</b>	9	<b>2.74</b>
<b>S-798069</b>	11	<b>2.74</b>
<b>S-798070</b>	12	<b>2.74</b>

**Nylon Waxed Lacing Cord**

This cord consists of a flattened band of nylon filaments impregnated with a micro-crystalline fungicidal wax. Wax is non-toxic.



Its advantages are high strength and elongation. Once the cord has been stretched in lacing, it is then able to contract, holding the wires snugly together, forming a cable. This property is especially important in cabling plastic insulated wire, which has more tendency to slip than textile covered wire.

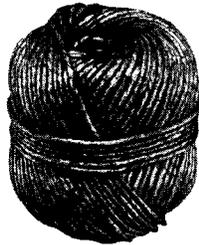
Because of its flattened cross section, the nylon cord makes a neat appearance and does not cut into polyvinyl chloride (PVC) insulation.

Tensile strength, 78 pounds.

Furnished in 1-pound tubes, 6 pounds to a standard package, approximately 650 yards per pound.

Ordering No.	Type	Description	Price per Lb.
<b>S-798073</b>	F889A	5000 Denier Cord	<b>\$2.89</b>

**Marline Twine**



Made of highest quality three-ply hemp, saturated with tar. Will withstand long exposure to the weather.

Ordering No.	Wt. Lbs.	Price Per 100 Lbs.
<b>S-528490</b>	1	<b>\$79.20</b>

**Rapid Asphalt Paint**



For coating cables, tubing, switchboards, electric signs, battery boxes and fiber conduit joints. Provides protection against moisture, acids, corrosion and deterioration.

Resists high temperature, will not soften under 90°-100° C. Spreads approximately 150 sq. ft. per gallon. Free from coal tar. Color is black.

Ordering No.	Type	Quantity	Cans per Case	Wt. Lbs. per Can	Price per Quart
<b>S-524475</b>	1	1-Qt.	10	2	<b>\$.40</b>

**Tree Painting Asphalt Emulsion**

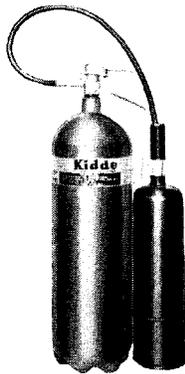
**For Use After Pruning**

Ordering No.	Description	Std. Pkg.	Price Per Gal.
<b>522385</b>	One Gallon Can	6	<b>\$2.95</b>

**FIRE EXTINGUISHERS**

**Low Discharge Carbon Dioxide Extinguishers**

**For Switchboards, Terminal Panels, Etc.**



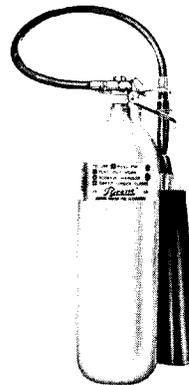
Low discharge rate makes this extinguisher ineffective for large fires. It is for use in telephone equipment rooms only. Three-step instruction band for fast operation. Seamless, cold-drawn cylinders with squeeze-grip operation. U. L. listed.

Capacity, lbs.: 10  
U. L. Classification: 8B, C  
Overall dimensions, inches: 21¾ x 6¼  
Tank diameter, inches: 6¾  
Discharge range, feet: 6  
Weight charged, lbs.: 29  
Ship. wt., lbs.: 31

Ordering No.	Type	Price Each
<b>S-712630</b>	872021	<b>\$65.00</b>

**Carbon Dioxide Extinguishers**

**For Flammable Liquid and Electrical Fires**



Nonconducting, odorless gas extinguishes fires in hard-to-reach places. Horizontal, chrome-plated brass valve discharges gas faster, over a larger area than previous models. Color coded 4-step instruction band for fast operation. Cylinders are 3000 lb. tested durable drawn steel. Squeeze-grip operation. Latch on handle holds operating lever open during full discharge period—allows operator to activate extinguisher and withdraw from area. Wall bracket furnished. U. L. listed.

Type	PSA-5	PSH-10-1	PSH-15-2
Capacity, lbs.:	5	10	15
U. L. Classification:	4B, C	8B, C	12B, C
Overall dimensions, inches:	16¾ x 8¾	28 x 12¼	32 x 12¼
Tank diameter, inches:	5¼	6¾	6¾
Discharge range, feet:	11	11	11
Weight charged, lbs.:	16½	34	42
Ship. wt., lbs.:	18	38	46½
Ordering No.	Type	Price Each	
<b>S-611955</b>	PSA-5	<b>\$53.00</b>	
<b>S-611956</b>	PSH-10-1	<b>83.00</b>	
<b>S-611957</b>	PSH-15-2	<b>93.00</b>	

**Dry Chemical Extinguishers**

**For Flammable Liquid and Electrical Fires**



Stored-pressure type. Color coded, 3-step instruction band for fast operation. Copper clad, chrome-plated steel shell with chrome-plated brass valve resists corrosion. Squeeze-grip operation. External valve flow will not dam up powder flow. Controllable stream. Full-view pressure gauge. Bracket furnished. U. L. listed.

Capacity, lbs.: 5  
U. L. Classification: 10B, C  
Overall dimensions, inches: 14½ x 5¾  
Tank diameter, inches: 4¾  
Discharge range, feet: 14-16  
Weight charged, lbs.: 9  
Ship. wt., lbs.: 11

Ordering No.	Type	Price Each
<b>S-611965</b>	29A-9	<b>\$43.00</b>

**Refills For Dry Chemical Extinguishers**

Ordering No.	Type	Cap., Lbs.	Price Each
<b>S-672115</b>	88363	10	<b>\$3.70</b>

**Water Extinguishers**

**For Wood, Paper and Rubbish Fires**



Stored-pressure type. Four-step color coded instruction band. Strong, durable stainless steel construction with fast, squeeze-grip operation. Controllable 50-ft. stream. Full-view pressure gauge. Economical maintenance; lightweight. Wall hanger furnished. U. L. listed.

Capacity, gallons: 2½  
U. L. Classification: 2A  
Overall dimensions, inches: 25¾ x 8  
Tank diameter, inches: 7¼  
Discharge range, feet: 30-50  
Weight charged, lbs.: 28¼  
Ship. wt., lbs.: 9

Ordering No.	Type	Price Each
<b>S-611973</b>	P2W	<b>\$41.00</b>

Prices are subject to change without notice.

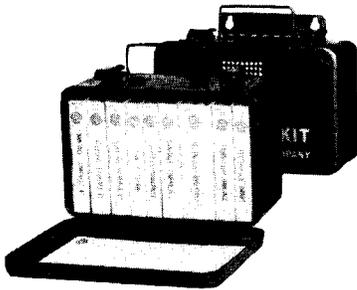
First Aid Pocket Kits



Hinged metal box with cover includes two 2-inch compress bandages; six 1-inch waterproof adhesive bandages; one merthiolate 3½ cc. applicator vial; two ammonia inhalants; one ¼-oz. tube foille burn ointment; one accident report card.

Ordering No.	Type	Size, In.	Wt. Lbs.	Price Each
S-684484	FA 12260	4x2½x¾	½	\$1.20

First Aid Kits

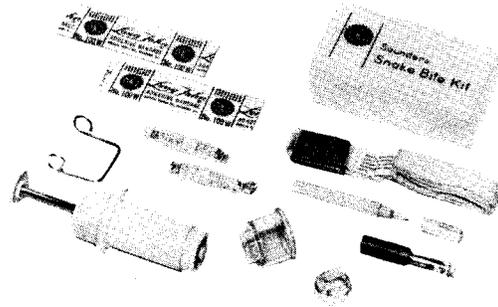


Kits are dust, weather and moisture proof with round safety corners. Heavy duty, 20-gauge steel with one-piece tops and bottoms. No welded seams. Top has continuous piano hinge with 90 degree open position to act as shelf. Equipped with mounting bracket for fixed locations. Baked-on enamel finish. Kit size, 7¼ x 4¼ x 2¾-in.

Kit Contains	Quantity
Plastic Adhesive Bandages w/Telfa® pad, 1x3¾-in., 16 per pkg.	2
Tan-A-Burn (Tannic Acid Jelly), ¼-oz., 6 per pkg.	1
Ammonia Inhalants, 10 per pkg.	1
Tourniquet and Forceps, 1 each per pkg.	1
Triangular Bandage, 40-in. Sterile, 1 per pkg.	1
Merthiolate Swabs, 10 per pkg.	1
2-in. Bandage Compress w/Telfa® pad, 4 per pkg.	1
4-in. Bandage Compress w/Telfa® pad, 1 per pkg.	1

Ordering No.	Type	Price Each
S-684483	500SA	\$9.68

Snake Bite Kits

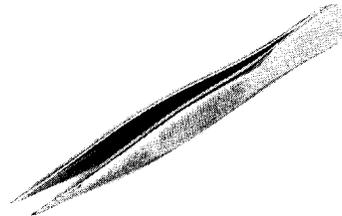


Venom suction pump has large adapter that reverses to give two different sizes. Small adapter treats fingers, toes and other restricted areas. Complete instructions.

Kit Contains	Quantity
Constriction band for controlling blood flow.	1
Lancet for opening fang punctures.	1
Venom suction pump.	1
Ammonia inhalants.	2
Antiseptic swab.	1
Adhesive bandages.	2

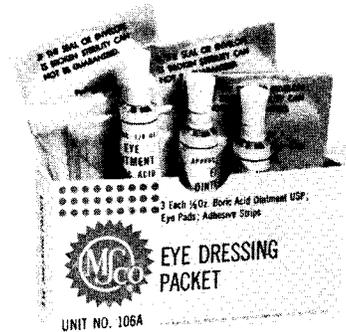
Ordering No.	Type	Price Each
S-684485	700SB	\$4.00

Sharp-Point Forceps



Ordering No.	Type	Length, Inches	Std. Pkg.	Price Each
S-689274	04-50099	3½	1	\$4.00

Eye Dressing Packet



Ordering No.	Type	Description	Std. Pkg. Units	Price Per Unit
S-689258	106A	¼-oz. Boric Acid Ointment Eye Tip Tubes, Sterile Eye Pads, Adhesive Eye Strips. 3 per Unit.	10	\$1.06

**Adhesive Bandages  
With Telfa® Pads**



Plastic bandages have fully perforated tape that lets in air and keeps moisture out - minimizes whitened skin. Non-adherent Telfa pads prevent damage and scarring to healing tissue.

Ordering No.	Type	Description	Std. Pkg. Units	Price Per 100 Units
<b>S-689254</b>	100ACT	1 x 3¾-in. Bandage. 16 per Unit.....	10	<b>\$25.00</b>
<b>S-689253</b>	100AS	¾ x 1½-in. Snip. 40 per Unit.....	10	<b>47.00</b>

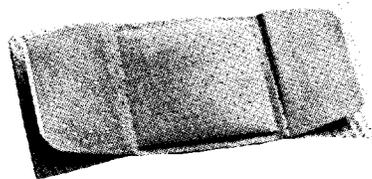
**Triangular Bandages**



For securing splints, holding compresses in place, as slings and for general purpose use. Completely sterile - may be applied directly to a wound or burn as a dressing. Unbleached muslin folded according to specifications of U. S. Bureau of Mines. Two safety pins included.

Ordering No.	Type	Description	Std. Pkg. Units	Price Per 100 Units
<b>S-689255</b>	115A	40-in. wide. 1 per Unit.....	10	<b>\$51.00</b>

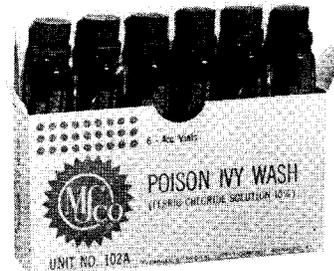
**Extra Large Plastic Adhesive Bandages  
With Perfron Non-Sticking Pad**



Flesh colored plastic strip with air holes for ventilation to help prevent whitened skin. Individual envelopes. Sold in quantities of 10 packages.

Ordering No.	Type	Description	Std. Pkg. Units	Price Each
<b>S-689272</b>	04-13134	2 x 4½-in. 5 per Unit.....	10	<b>\$5.55</b>

**Poison Ivy Wash**



A special 10% ferric chloride solution. An accepted treatment for poison plant dermatitis preferred by many safety directors and doctors. Six 4-cc vials with individual cotton-tipped applicators.

Ordering No.	Type	Description	Std. Pkg. Units	Price Per 100 Units
<b>S-689271</b>	102A	6 per Unit.....	10	<b>\$84.00</b>

**Bandage Compresses  
With Telfa® Pads**



Non-adherent Telfa pads are double-stitched to long crushed-edge gauze shake-out tails.

Ordering No.	Type	Description	Std. Pkg. Units	Price Per 100 Units
<b>S-689256</b>	211A	2-in. Compress. 4 per Unit.....	10	<b>\$80.00</b>
<b>S-689257</b>	213A	4-in. Compress. 1 per Unit.....	10	<b>50.00</b>

**Poison Ivy/Oak/Sumac Ointment  
Use As Preventative Or Cure**



Ordering No.	Type	Description	Std. Pkg. Units	Price Each
<b>S-689263</b>	A-17	Ointment. 3.1 Gram Foil Envelope. 6 per Unit.....	10	<b>\$ .80</b>
<b>S-689264</b>	A-21	B.Y. Medicated Ointment. ¾-oz. Tube. 2 per Unit.....	10	<b>1.83</b>

Prices are subject to change without notice.

Poison Ivy and Poison Oak Preventives

Imunivy® and Imunoak® are safe, sterile, standardized, non-toxic extracts. Taken before exposure to poisonous plants, they prevent irritation or minimize its severity. Proven 88% effective over a 30 year period. Prepared by an approved pharmaceutical laboratory under U. S. Government license.

Ordering No.	Type	Description	Std. Pkg., Units	Price Each
S-689259	R-97	Imunivy. 4 per Unit.....	10	\$2.75
S-689260	R-98	Imunoak. 4 per Unit.....	10	2.75

Insect Sting Swabs



Positive relief from stings of bees, hornets, wasps, mosquitoes, ants and other insects. Non-toxic formula reduces pain, itching, inflammation, and swelling.

Ordering No.	Type	Description	Std. Pkg., Units	Price Per 100 Units
S-689273	282-A	10 per Unit.....	10	\$74.00

Antiseptic Swabs



Individual applications. Antiseptic is hermetically sealed in glass ampul enclosed in extruded plastic sleeve. Built-in cotton tip allows antiseptic to flow freely without clogging or squirting. Cotton tip will not come out and is protected by fiber cap.

Ordering No.	Type	Description	Std. Pkg., Units	Price Per 100 Units
S-689268	131A	Merthiolate. 10 per Unit.....	10	\$68.00
S-689266	222A	Bactine. 10 per Unit.....	10	68.00
S-689267	242A	Betadine. 10 per Unit.....	10	68.00

Burn Compounds



Ordering No.	Type	Description	Std. Pkg., Units	Price Per 100 Units
S-689262	101A	Tan-A-Burn (Tannic Acid Jelly), 1/8-oz. Tube. 6 per Unit.....	10	\$90.00
S-689275	101AF	Foille Ointment, 1/8-oz. Tube. 6 per Unit.....	10	105.00
S-689250	101AX	Americaine, 1/8-oz. Tube. 6 per Unit.....	10	192.00
S-689265	251AA	Americaine, 3/4-oz. Spray. 2 per Unit.....	5	260.00

Ceresote Burn Wash

Ordering No.	Type	Description	Std. Pkg., Units	Price Per 100 Units
S-689270	129A	3 per Unit.....	10	\$72.00

Ammonia Inhalants



For instant use in shock or fainting. Securely wrapped in cotton with protective knitted sleeve. Indelible coloring stains cotton when inhalant is crushed.

Ordering No.	Type	Description	Std. Pkg., Units	Price Per 100 Units
S-689261	104A	10 per Unit.....	10	\$65.00

**Aromatic Spirits of Ammonia**



For use as an internal stimulant. No-leak, screw-on plastic capped, heavy walled 2-cc glass vials. Positive sealing. Four drinking cups included.

Ordering No.	Type	Description	Std. Pkg. Units	Price Per 100 Units
<b>S-689251</b>	110A	4 per Unit.....	10	<b>\$80.00</b>

**Aspirin**

Ordering No.	Type	Description	Std. Pkg. Units	Price Per 100 Units
<b>S-689252</b>	144A	5 Grain. 50 per Unit.....	10	<b>\$39.00</b>

**Salt Tablets**

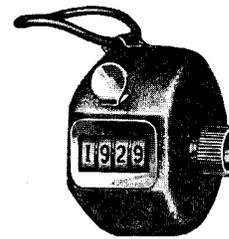
Ordering No.	Type	Description	Std. Pkg. Vials	Price Per Ctn.
<b>S-689269</b>	375	Four Tablets in Pocket Vial.....	100	<b>\$5.00</b>

**Mouth To Mouth Resuscitators**

Venti-Breather® oral resuscitation device eliminates personal contact—revives victim quickly. Consists of a plastic mouth-piece, plastic tube, and face mask. One-way valve eliminates inhaling victim's breath. Face mask does away with the need to hold victim's nostrils. Nothing is inserted in the throat. Does not cause gagging, vomiting or injury. Sturdy plastic case keeps Venti-Breather clean and ready for use. Directions included.

Ordering No.	Type	Description	Std. Pkg.	Price Each
<b>S-687654</b>	501	Pocket Pak. 1 3/8 x 3 15/16 x 5 1/4-in....	12	<b>\$4.00</b>
<b>S-687655</b>	502	Wall Pak. 1 7/8 x 5 1/8 x 7 1/8-in.....	12	<b>4.00</b>

**Hand Counters**

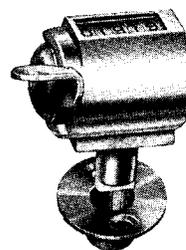


A hand tally for inventory, counting calls, traffic work, etc. Quick set-back feature makes the change from one item to another simple. Rounded corners prevent irritation to the hands.

Can be operated with either hand. Counts up to 10,000.

Ordering No.	Type	Wt. Ozs.	Price Each
<b>S-572474</b>	AB-2	3	<b>\$9.50</b>

**Telephone Counters**



Designed for use on telephone switchboards, this counter sets into a permanent socket that sets flush into the key-shelf.

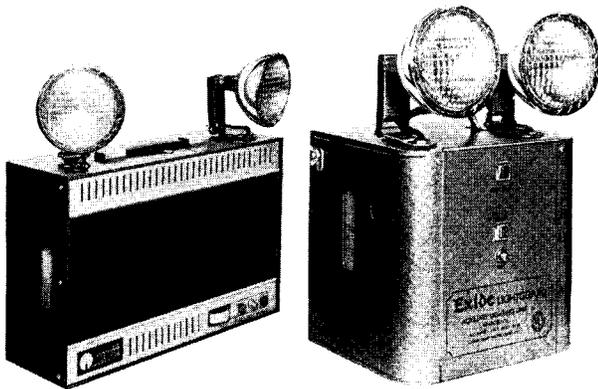
Five figures on the dial record up to 100,000 and then repeat.

Furnished complete with socket plate. Extra sockets can be supplied.

Ordering No.	Type	Wt. Ozs.	Price Each
<b>S-792200</b>	8	3	<b>\$6.80</b>

Prices are subject to change without notice.

**Exide Auxiliary Lighting Units**



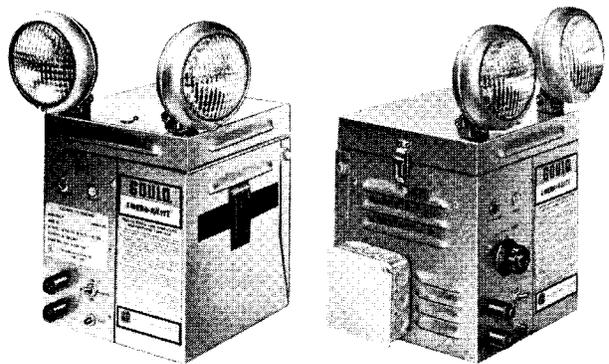
Types F and FE

Types LA-30 and LA-30E

Automatically provides instant emergency light during failure or interruption of normal electric power. Programmed battery recharge starts at high rate. At optimum moment it automatically reduces to a trickle rate to complete charge. Available with or without voltmeter. Emergency power is a 6-volt, lead-acid rechargeable battery. Units will accommodate one or two 25-watt sealed beam mounted flood lights, plus one additional 25-watt remotely mounted light. Equipped with 6-ft., 3-wire cord and plug with grounding prong. Also available with conduit connection. A 115 v., a.c., 60-cycle, single phase power source is required. U. L. approved.

Ordering No.	Type	Description	No. of Lights	Finish	Wt., Lbs.	Price Each
72070	A	Cord connection. 9 1/4 x 8 x 9 1/2-in. Overall height, 15 1/2-in.	1	Gray Steel	37	\$107.00
72072	AE	Conduit connection. 9 1/4 x 8 x 9 1/2-in. Overall height, 15 1/2-in.	1	Gray Steel	37	107.00
72058	F	Cord connection. 10 x 9 x 9 3/4-in. Overall height, 16-in.	1	Gray Steel	40	113.00
72060	FE	Conduit connection. 10 x 9 x 9 3/4-in. Overall height, 16-in.	1	Gray Steel	40	113.20
72133	LA-30	Cord connection. 17 1/2 x 5 3/4 x 11-in. Overall height, 16 1/2-in.	2	Charcoal gray steel with leatherette front panel and chrome trim	47	141.70
72141	LA-30E	Conduit connection. 17 1/2 x 5 3/4 x 11-in. Overall height, 16 1/2-in.	2	Charcoal gray steel with leatherette front panel and chrome trim	47	141.70
72137	LA-30	Cord connection. 17 1/2 x 5 3/4 x 11-in. Overall height, 16 1/2-in.	2	Two-tone brown steel with leatherette front panel and chrome trim	47	141.70
72145	LA-30E	Conduit connection. 17 1/2 x 5 3/4 x 11-in. Overall height, 16 1/2-in.	2	Two-tone brown steel with leatherette front panel and chrome trim.	47	141.70

**Gould® Auxiliary Lighting Units**



GLT-2

GLA-2

Automatically provides instant light during power failure. Equipped with a 6-volt, 30 ampere hour lead-acid stationary battery and an a.c. cord for use in any 115-volt, single phase, 50/60-cycle outlet. The battery is maintained at full charged capacity by a constant trickle charge. A junction box is furnished which meets National Electrical Code requirements.

Features include: adjustable 25-watt lamps in both horizontal and vertical axis. Arrangement for remote lamp mounting is available. Knockouts for conduit connection. On-off and momentary test switch. Visible electrolyte level in all battery cells. U. L. approved.

**Type GLA.** Fully automatic operation. When a.c. power is restored, a built-in charger recharges at high rate then reduces to a trickle rate.

**Type GLT.** Semi-automatic operation. Equipped with a timer to set for required number of hours necessary to return battery to fully charged condition. When timer is set at zero, the built-in charger maintains a constant trickle charge.

Ordering No.	Description	No. of Lights	Wt., Lbs.	Finish	Price Each
GLA-1	Cord connection. 9x10x10-in. Overall height, 16 1/2-in.	1	41	Gray Steel	\$108.30
GLA-2	Cord connection. 9x10x10-in. Overall height, 16 1/2-in.	2	43	Gray Steel	116.05
GLT-1	Cord connection. 9x10x10-in. Overall height, 16 1/2-in.	1	41	Gray Steel	102.30
GLT-2	Cord connection. 9x10x10-in. Overall height, 16 1/2-in.	2	43	Gray Steel	109.70

**Cloths**

**No. S-791350 Central Office Polishing Cloth.** Polish impregnated. Ideal for automatic central office use. Packed 25 per package.

**No. S-791351 Cleaning and Dusting Cloth.** Untreated. For general dusting and cleaning. Packed 25 per package.

**No. S-791353 Supershine Plug Polishing Cloth.** Individually wrapped.

Ordering No.	Size, In.	Wt., Lbs. per 100	Price per Pkg.
S-791350	18x18	10	\$7.11
S-791351	18x18	9	6.15
S-791353	9x13	6	.83

**Magnolia Rags**

Graded to the proper size, fairly uniform, and of top quality. Standard 10 pound package is not broken.

Ordering No.	Type	Description	Wt., Lbs. per Std. Pkg.	Price per 100 Lbs.
<b>S-676226</b>	WR-1	No. 1 Grade, White Rags	10	<b>\$52.47</b>

**Doe's Burnishing Paste**



Non-corrosive. Insures perfect electrical contact. For telephone plugs or any electrical contacts. Net wt., 2 oz.

Ordering No.	Description	Shp. Wt., Ozs.	Price per Can
<b>S-793816</b>	Plug Polishing Paste	3	<b>\$.56</b>
<b>S-793815</b>	Commutator Paste	3	<b>.56</b>

**Magnolia Skin Cleansing Cream**

A waterless cleansing cream made especially for the telephone industry. Contains lanolin, silicone, and hexachlorophene. Softens and protects the skin.

Cream is easily dispensed from an unbreakable, throw-away, flexible bottle.

Ordering No.	Type	Cont. Size	Bottles per Case	Wt. Lbs. per Case	Price per Pint
<b>S-671035</b>	W-40-P	1-Pt.	24	25	<b>\$1.25</b>

**Magnolia Virex Telephone Germicide**

Used to sanitize and deodorize office and public phones. Will germproof a telephone instrument for about 30 days. Pleasant odor.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Can
<b>S-434860</b>	V-2	12-Oz.	12	12	<b>\$1.50</b>

**Magnolia Chlorothene**

A cold cleaning solvent that eliminates fire hazard. Equals carbon tet in cleaning power yet is only 1/20 as toxic. Has no flash point, will not burn. Permits cleaning of common metals, including aluminum with relative safety from corrosion.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price Each
<b>S-796440</b>	MP333	1-Pt.	24	50	<b>\$1.00</b>
<b>S-796441</b>	M333	1-Gal.	6	85	<b>3.85</b>

**Bar-Kem Spray Cleaner**



A fast, safe solvent for cleaning relay contacts.

Leaves no film or residue.

Non-toxic, non-corrosive, non-flammable.

Furnished in handy aerosol can.

Tested and approved by Automatic Electric.

Ordering No.	Size Can	Cans per Carton	Wt., Lbs. per Carton	Price Per Can
<b>S-791300</b>	8-Oz.	12	8	<b>\$5.83</b>

**Magnolia General Purpose Telephone Cleaner**

Cleans plastic telephone instruments. It is a stable solution and will not lose its strength.

Completely non-toxic; non-flammable.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Pint
<b>S-431044</b>	G-10	1-Pt.	24	40	<b>\$1.25</b>

**Magnolia Marvel Telephone Cleaner**

For Old Type Bakelite Cases

A liquid cleaner that removes dirt, corrosion, grease, carbon, gum, and paint from telephone instruments.

Eliminates hand scraping, leaving the instrument thoroughly clean. Works cold; will not lose its strength.

One application should take off all stains.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Pint
<b>S-431042</b>	M-222-P	1-Pt.	24	40	<b>\$1.25</b>

**Magnolia Spray Glass Cleaner**

Glass cleaner packed in aerosol bombs with push-button control. Easy to use; spray surface, then wipe clean. Polish immediately with dry cloth. Leaves an invisible coating that is dirt resistant. Easily dissolves smudge, film, scum, smear, bugs and all soil.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Can
<b>S-431040</b>	GC-3	15-Oz.	12	15	<b>\$1.33</b>

**Magnolia Plastic Cord Cleaner**

Removes obstinate stains immediately. Non-injurious to rubber or plastic cords. Fast drying.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Pint
<b>S-431041</b>	L31	1-Pt.	24	40	<b>\$1.00</b>

Prices are subject to change without notice.

**Magnolia Glayzit Telephone Refinisher**



A spray wax producing a hard glossy surface that lasts for months.

Cleans, revitalizes, and preserves the surface.

Dustproof—polish can't come off on cloth when dusting.

Furnished in convenient spray can.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Can
<b>S-437963</b>	M-115	12-Oz.	12	12	<b>\$1.54</b>

**Magnolia Spray Cleaner and Polish**

**For Aluminum Telephone Booths**

A cleaner and polish that cleans and shines the entire booth inside and out. Excellent for cleaning and polishing all aluminum, chromium, stainless steel, brass, enamelled and other high glossed surfaces.

Also used for cleaning aluminum buildings, doors, sash and aluminum awnings.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Can
<b>S-437960</b>	AL-3	12-Oz.	12	13	<b>\$1.54</b>

**Magnolia Booth Cleaning Kits**

Contains one each: 16-oz. spray can disinfectant cleaner, 16-oz. spray can degreasing solvent, 12-oz. spray can phone refinisher polish, 16-oz. spray can rust remover, pint bottle corrosion remover, 16-oz. spray can lubricant, 15-oz. spray can cleaner and polish, 15-oz. spray can glass cleaner, spray control gun.

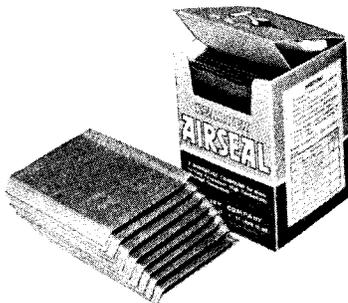
Ordering No.	Type	Wt. Lbs.	Price Each
<b>S-437360</b>	BB-6	10	<b>\$15.00</b>

**Magnolia Spray Degreasing Solvent**

High solvency. Low toxicity. Non-flammable. Easy to apply to inaccessible areas. Adaptable to Flex-Tube spray extension. Comparable to carbon tetrachloride.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per case	Price Per Case
<b>S-796444</b>	1-AA	16-Oz.	12	16	<b>\$18.00</b>

**Airseal Pads**



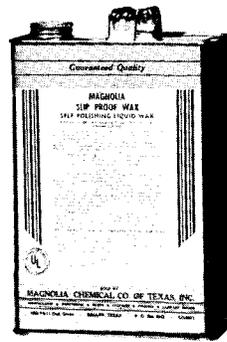
Pad seals outdoor connections against moisture, oxidation and corrosion—prevents high-resistance joints and noise. Bonds to itself but not to connections, hands or gloves. Inert, non-toxic, weatherproof. Unaffected by sun, moisture or salt spray. Retains its consistency at all operating temperatures. Dielectric strength exceeds 280 volts per mil.

Ordering No.	Type	Dimensions, Inches	Std. Pkg.	Price Per Pkg.
<b>S-522078</b>	18415	2½x4x½	20	<b>\$1.40</b>

**J-18**

Prices are subject to change without notice.

**Magnolia Slip Proof Wax**



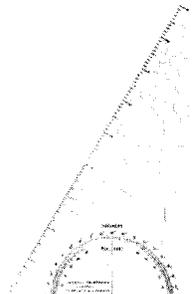
Assures safer footing. Produces a lustrous finish without polishing. Also gives protective finish that is long wearing—keeps scuffs to a minimum. Wax is fortified with Ludox which imparts skid resistance.

Approximate coverage, fifteen hundred to two thousand square feet per gallon. Drying time, thirty minutes.

This wax is an 18% concentration and is approved by the Underwriters' Laboratories test for non-slipperiness. It also has the approval of the Rubber, Asphalt Tile and Linoleum Manufacturers' Association.

proval of the Rubber, Asphalt Tile and Linoleum Manufacturers' Association.

Ordering No.	Type	Size Can	Cans per Case	Wt. Lbs. per Case	Price per Gal.
<b>S-677832</b>	M-666	1-Gal.	6	60	<b>\$3.95</b>



**Drawing Template**

A nine inch, 30 and 60 degree right triangle with cutouts for common symbols per Gen. Tel. specifications. Includes a nine inch rule and a 180 degree protractor. Clear .060 acrylic plastic.

<b>S-688501</b>	.....ea.	<b>\$1.68</b>
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**Telephone Switchboard Lamps**

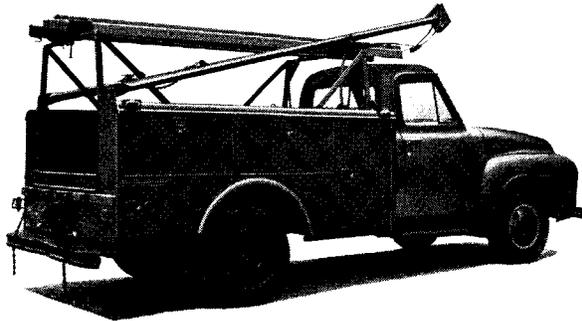


Lamps burn brightly. Rated 5000 hours.

Ordering No.	Type	Volts	Avg. Watts	Std. Pkg.	Price Each
<b>S-793437</b>	6A	6	.8	100	<b>\$ .26</b>
<b>*S-793438</b>	6C	6	.2	100	<b>.26</b>
<b>S-437402</b>	10-ESB	10	...	20	<b>.36</b>
<b>*S-437400</b>	12A	12	1.2	100	<b>.26</b>
<b>S-437405</b>	18A	18	.7	100	<b>.26</b>
<b>S-793441</b>	18B	18	1.8	100	<b>.26</b>
<b>S-437406</b>	24B	24	.9	100	<b>.26</b>
<b>S-437407</b>	24C	24	1.8	100	<b>.26</b>
<b>*S-437413</b>	24D	24	2.4	100	<b>.26</b>
<b>S-437408</b>	30X	30	...	100	<b>.28</b>
<b>S-793446</b>	48AE	48	...	100	<b>.28</b>
<b>S-793445</b>	48A	48	3.5	100	<b>.28</b>
<b>*S-793447</b>	48B	48	4.8	100	<b>.28</b>
<b>*S-793448</b>	48C	48	1.7	100	<b>.27</b>
<b>S-437409</b>	55C	55	2.9	100	<b>.27</b>
<b>*S-793455</b>	60A	60	3.0	100	<b>.27</b>

\*Military approved under MS15609

**Line Construction and Maintenance  
Bodies**



**Series 350-104**

Particularly well suited for handling all types of service, maintenance, and construction in small utility operations. Ideal for use as a trouble shooting vehicle in larger operations.

Ribs in the cargo area floor furnish extra strength, and provide troughs which serve as drains in wet weather.

Compartments furnish adequate space for all tools and materials needed on routine or emergency jobs. Compartment tops are covered with safety-tread steel, and a safety-tread step is installed on the rear bumper. A folding step is provided on each side of the body head panel.

The two-section extension ladder can be used from the rear of the body or away from the truck.

The fold-over derrick, erected with the winch cable and the powerful, single-drum, underfloor winch, is quickly ready for use. Capacity winch, 6000 pounds. Winch line pays out under the floor, and through a universal swivel sheave which permits pull in any direction. A removable cover furnishes access to the winch when inspection and/or maintenance is required.

Body can be installed on chassis with single or dual-rear wheels. When installed on chassis with dual-rear wheels, bodies are equipped with rolled-crown fenders and wheel-housings, if required. Available in three sizes:

**Series 350-84.** Length, 84 inches. Overall width (single rear wheel chassis), 48 inches. Approximate cab-to-axle dimension, 48 inches.

**Series 350-90.** Length, 90 inches. Overall width (single rear wheel chassis), 48 inches. Approximate cab-to-axle dimension, 52 inches.

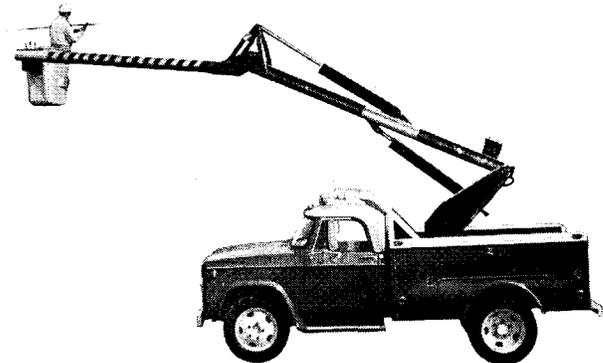
**Series 350-104.** Length, 104 inches. Overall width: single-rear wheel chassis, 76 inches; dual-rear wheel chassis, 85 inches. Approximate cab-to-axle dimension, 60 inches.

**Optional Equipment**

Can be furnished with any of the following items: light-duty pintle hook; tire carrier in cargo area; stainless steel-lined water cask with mounting bracket; cup dispenser; tow hooks at front and/or rear of truck; radio compartment installed across head panel; sliding window in back of truck cab; light-duty body jacks; wire reel; medical kit holder, usually installed in truck cab; removable vise bracket, with or without pipe support; spotlights; directional signals; body undercoating; running lights and reflectors conforming to I.C.C. specifications and applicable state laws.

Available painted to specification or primed for painting. Bodies may be installed at suppliers' plants or at your location. Truck chassis can also be purchased from Automatic Electric. Information available on request.

**Hydraulic Aerial Beams**



**Series ABS-30**

For installation on a light-duty truck of up to 1½ tons. Normally dangerous, hard to reach aerial work is handled with safety, speed and efficiency. Some typical applications include mid-span telephone drops, insulator inspection, transformer re-fusing, maintenance and installation of cables, street lights and signs.

**Series ABS-30.** The Spirex outer beam and molded fiberglass basket are insulated to provide ample protection from energized lines.

**Series AB-1.** Has aluminum upper beam in lieu of Spirex for use when high dielectric qualities are not required.

Easily lubricated high pressure grease fittings are on all pivot points.

All movement is hydraulically powered by a heavy duty pump driven by a power take-off installed on the truck transmission. A power source operating independently of the truck transmission can also be supplied.

A light-duty vehicle should be outfitted with optional heavy-duty springs and a torsion bar. This built-in stability eliminates all outriggers no matter how far the basket is extended.

Safe load capacity, in all operating positions, 300 pounds with properly loaded units.

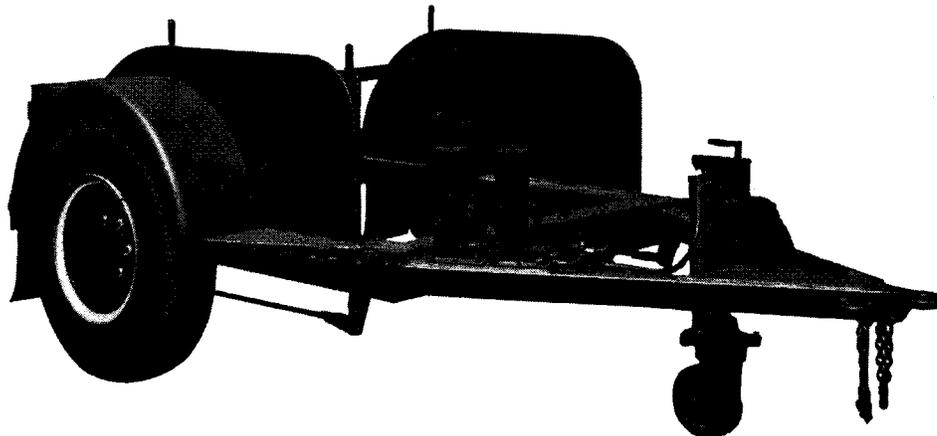
Three sizes are available with ground-to-bracket floor heights of 30, 32 and 35 feet for comfortably working 35, 37 and 40 feet above the ground. Has a stowed height of approximately 9 feet 10 inches when installed on a vehicle with a ground to frame height of 31 inches.

Approximate weight, 2300 pounds.

**Optional Equipment**

Can be furnished with any of the following items: heavy-duty springs as required, torsion bar, swivel joint for continuous rotation in either direction, basket liner, weatherproof basket cover, engine starter switch in basket, emergency power system, air compressor and receiver with air lines extended to outlets at the basket, air tools and storage compartment, expanded metal cab protector on tubular steel frame anchored to chassis.

**Reel Master Hydraulic Cable Reel Trailers**



A sturdy hydraulic cable reel trailer with construction features that assure an extensive work life. Heavy coil springs support a variety of reels up to 52 inches in width and 96 inches in diameter. Capacity is determined by size and ply of tires and rated strength of springs with which the trailer is equipped.

Overall length of trailer, 11 feet 10 inches. Overall width, 96 inches.

**Standard Equipment and Construction Features**

Includes: jumper cable connection socket for the 15x3 electric brakes and lights; tread plate step; retractable hydraulic landing wheel; diverter valve to actuate landing wheel cylinder; hand-operated hydraulic pumps with self-contained reservoirs and built-in check valve; heavy-duty tapered roller-bearing landing wheel; heavy panel sides to prevent damage to reel; heavy coil springs to support load; wheel chocks with storage brackets and hold-down clamps; supporting jacks; license plate bracket; splash aprons; reflectors;

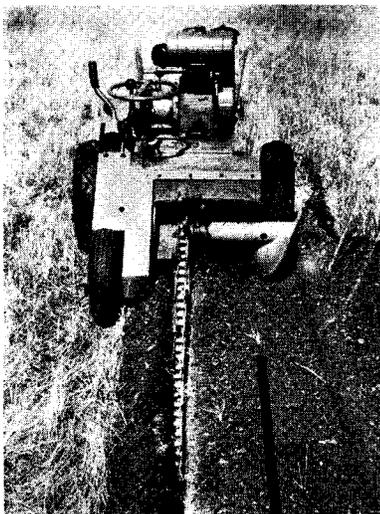
safety-type locking pin; forged handle and lever; spindle bar and adjustable collars for reels up to 52 inches in width, 96 inches in diameter; individually-operated lifting cylinders to raise, lower or level reel; cast steel bracket with recessed tail lights and marker lights; heavy-duty towing eye; safety chains with safety latch hook; disc wheels with tires; filtered hydraulic system; extra heavy gauge fenders and painting any standard color.

**Optional Equipment**

Includes: directional signals; reel brake; adapter for 24-inch diameter reels; electric break-away kit which automatically applies trailer brakes in event of hook-up disconnection

when trailer is moving (legal requirements of I.C.C.); vacuum or air-control hydraulic brakes; stabilizing jacks and tool box.

Series.....	<b>RM-8</b>	<b>RM-10</b>	<b>RM-12</b>
Ply Tires.....	9:00x20-10	10:00x20-12	11:00x20-14
Capacity (Maximum Weight of Reels)..... pounds	8,000	10,000	12,000



**Trenchers**

**Model M-4**

Self-propelled wheel or crawler types are available.

Units range from 7 to 30 hp., and are designed for shallow depths at speeds of 1 to 6 feet/min., to speeds to 12 mph. while cutting up to 16-inch widths at 3 feet in depth.

All trenchers use air-cooled engines, high test steel digging chain, replaceable teeth, square tubular steel boom, and either manual or hydraulic depth control depending on trench depth and width.

**Optional Equipment**

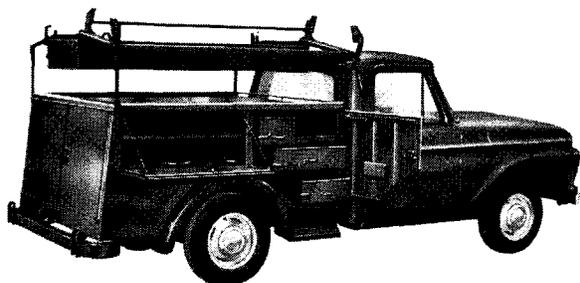
Appropriate trailers, and options such as sod cutter, backfill blade, and Jack Legging are available.

J-20

Prices on Application

**Telephone Installation and Repair Bodies**

**Series TIR-78**



Designed for one-trip telephone installation and repair work. Carries everything that is necessary in compartments located on the curbside and at rear of body to protect the installer from traffic hazards.

All-steel construction. Reinforced, mastic-coated roof can be used for carrying miscellaneous materials. Double-panel doors, hung on nylon-bushed hinges, are fitted with recessed, slam-action catches equipped with keyed-alike cylinder locks. Easily-released rigid supports automatically hold vertical doors in open position. Chain supports are furnished on curbside horizontal door; rubber bumpers on streetside tire compartment door.

All drawers and trays are equipped with spring-action latches to automatically lock in closed position. Catches which can be released if desired, prevent accidental removal of drawers and trays. Elastic hold-downs and 1/4-inch sponge rubber floor covering are provided on telephone trays.

Right side of rear compartment is equipped with an inside wire and cord drawer, a material drawer with removable dividers, an eight-phone and a ten-phone sliding tray and a bin for long tools. An oil can holder and card holder are furnished as standard equipment on right rear door.

Left side of rear compartment has a sliding tray equipped with hold-down brackets for an optional Type PR drop wire reel. A hand line hook and pruning tool box are installed above the right side of reel tray. Beneath this tray are two material drawers with removable bin dividers. Tube and long bit racks on left rear door are standard equipment.

Curbside compartment has a special display section for carrying four colored telephones which is visible to passers-by. Drawers for carrying backboards, directories, outside wire, guards and miscellaneous tools and materials are furnished as standard equipment.

Body can be installed on any chassis having a cab-to-axle dimension of approximately 40 inches.

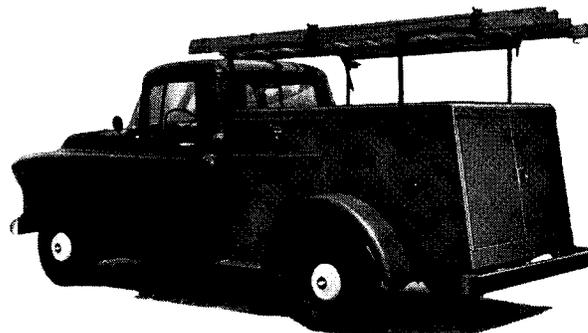
Overall body dimensions: length, 78 inches; height, 41 inches; width, 66 inches.

**Optional Equipment**

A ten-phone sliding tray at the bottom of the left side of the rear compartment and an overhead rack, with brackets for carrying a crossarm and a 24-foot two-section extension ladder are an optional combination. When body is furnished without this combination, step ladder and guard arms are carried in the space occupied by the optional phone tray. Brackets for carrying an additional extension ladder can be supplied.

Available painted to specification or primed for painting. Bodies may be installed at suppliers' plants or at your location. Truck chassis can also be purchased from Automatic Electric. Information available on request.

**Series TI-76**



Built especially for telephone installation, maintenance, and general service work. Designed to carry everything needed on the job. Furnishes weathertight, pilfer-proof space for the orderly and readily accessible storage of tools, parts, materials and supplies.

Doors are of double-panel construction, with channels pressed into the interior panel of larger doors to furnish additional strength. Recessed handles, which operate spring-loaded, slam-action catches, are fitted with cylinder locks. A single key fits all locks on an individual body. Sliding steel supports automatically lock the rear and curbside doors in open position.

The top section of the rear compartment contains a directory and backboard drawer, and two sliding apparatus trays which have a 1/4-inch sponge-rubber floor covering and twelve elastic hold-down straps.

Beneath the top section, on the left side, is a sliding tray fitted with brackets for an optional Type PR drop wire reel. Beside this tray, over wheel-housing, is a space for miscellaneous items. A hook for hand lines, and a special compartment for tree trimming tools is furnished above right side of the reel tray. In lower left section of the rear compartment, space is provided for long tools, ground rods, stepladder and guard arms.

There are four drawers on right side of rear compartment designed to carry a variety of parts and supplies. Top drawer is used for inside wire and cord. The second, third and fourth drawers are partitioned, with adjustable and stationary dividers. Miscellaneous items can be carried in the space over the wheel-housing.

Racks for long bits, plastic and porcelain tubes are furnished on left rear door, and an oil can holder and card holder are provided on the right rear door.

Body can be installed on chassis having a cab-to-axle dimension of approximately 40 inches. Rolled crown fenders are standard. Short running board and skirting which eliminates the necessity of purchasing special or extra-long running boards with the chassis is also furnished as standard equipment.

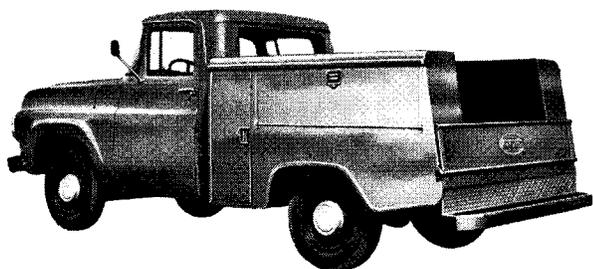
Overall body dimensions: length, 76 inches; height, 42 inches; width, 48 inches.

**Optional Equipment**

Overhead rack, with eccentric-type ladder hold-down. Rack can be equipped to carry single or extension ladders, or both, and is provided with special brackets for cross arms. Other optional items: heavy duty bumper; reinforced towing hook; spotlight, mounted on cab roof; water cask; cup dispenser; lights and reflectors; and directional signals.

**Service and Maintenance Bodies**

**Series 25-T**



Designed to meet the most exacting requirements of service and maintenance work in the telephone industry.

Standard construction features include non-binding nylon door bushings, fully-enclosed steel wheel housings that protect compartment walls from road debris, corrugated steel cargo floor that readily drains to prevent rust, reinforced doors with recessed key-locking latches, safety catches on all doors and adjustable shelves.

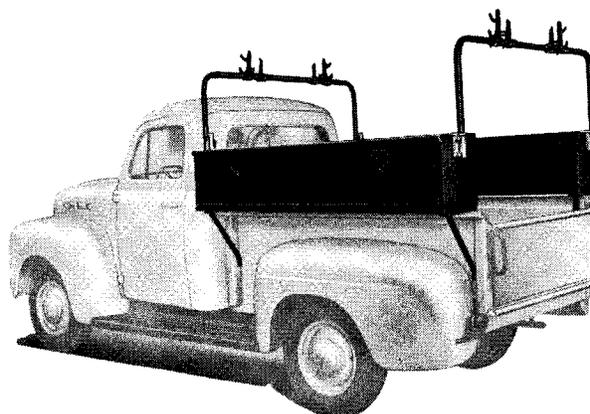
Weld seams and body panels are sanded smooth and cleaned. Liquidized iron phosphate is applied to provide a corrosion-resistant surface for the red oxide primer. Available painted to specification or primed for painting.

Available in 77 and 90-inch lengths, for installation on old or new chassis, regardless of make. The 77-inch length is designed for chassis having cab-to-axle dimension from 40 to 42 inches. The 90-inch length is designed for chassis having cab-to-axle dimension from 48 to 54 inches.

**Optional Equipment**

Overhead ladder rack assembly with tool and material brackets, spotlight (cab roof mounted), tire carrier in body, light duty pintle hook, heavy duty channel type rear bumper with safety tread step, telescopic steel roof and endgate enclosure, 24-foot, 2-section extension ladder and hinged rear ladder rack assembly, medical kit holder, and safety tread plate on top of compartments.

**Utility Compartment Sections**



Any pick-up truck can be easily converted into a service truck by installing Utility Compartment Sections.

Compartments of electrically welded all-steel construction require only a wrench and a drill to install.

A 48-inch parts bin, with removable dividers, is furnished as standard equipment in each compartment.

Reinforced doors are constructed to provide positive protection against weather and theft. Each door is fitted with slam-action catches, and cylinder locks which are keyed alike.

Regularly furnished painted silver gray. Other colors are available; information on request.

**Type UC-74.** For 1/2-ton pick-up truck. Length, 74 inches. Height, 15 1/4 inches. Width, 12 5/8 inches.

**Type UC-90.** For 3/4-ton pick-up truck. Length, 90 inches. Height, 15 1/4 inches. Width, 12 5/8 inches.

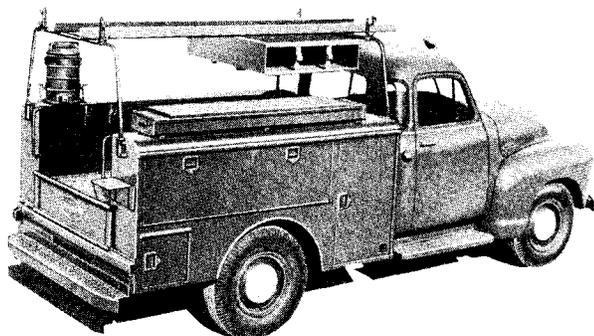
**Type UC-104.** For 1-ton pick-up truck. Length, 104 inches. Height, 15 1/4 inches. Width, 12 5/8 inches.

**Optional Equipment**

Overhead ladder rack assembly with material and tool brackets.

**Cable Splicers' Bodies**

**Series 44-CS-90**



A compact unit having weather and theft-proof compartments, and designed in total to carry a complete line of emergency and routine tools, parts, and gear.

This body is available in two sizes: 47-inch width inside for use on single rear wheel chassis; 56-inch width when used on dual rear. Cab to axle dimension of 48 inches required on both chassis.

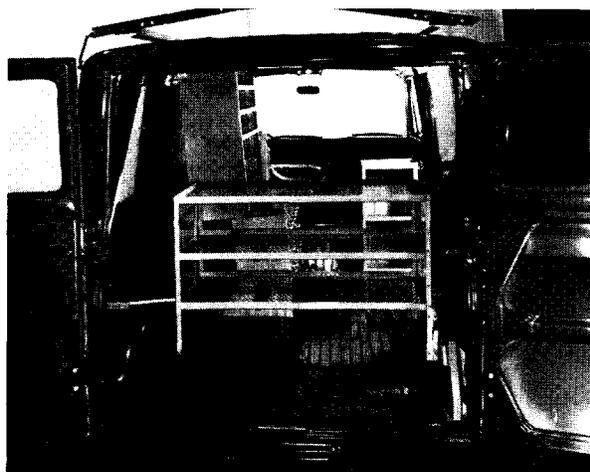
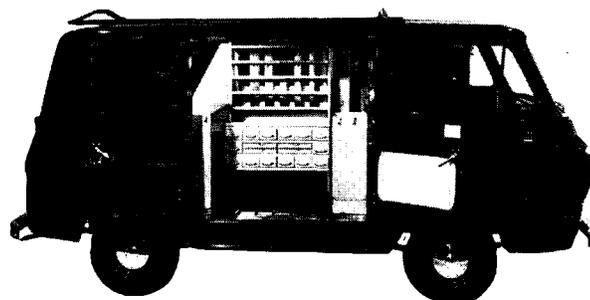
**Optional Equipment**

Adjustable overhead ladder racks with removable rear rack, tent carrier, roof mounted spotlight, sleeve and tree trimming compartment, step rear bumper, pintle hook, vise bracket, and 3-gallon water cask.

Aerial ladders of 23 and 26-foot height (ground to platform), and hinged ladder rack assemblies also available.

Bodies and Compartment Sections may be installed at supplier's plants or at your location. Truck chassis can also be purchased from Automatic Electric. Information available on request.

**Telephone Installer-Repair Walk-In Vans**



Compact complete all-weather vehicle. Carries one or two men in driver compartment and affords space in load area for more.

Access from outside through rear or left side swing-out doors. Door clearances: rear, 49.4 inches; side, 49.2 inches. Payload area is approximately 180 cubic feet (length, 89.3 inches; height, 54.3 inches; width, 65 inches).

All bulkheads and doors of double-wall construction. Key locks provided on all doors. A variety of combinations of windows are available. For I-R work it is recommended that windows be installed along entire right side and in two rear doors.

To meet specific load, road, and climatic conditions, a heavy duty 101 horsepower engine (6 cylinder), extra large rear springs (1350# @ GRD), 4.00 x 1 ratio rear axle, heavy duty clutch (8.5 in.) heavy duty tires, comfort and safety equipment, and heavy duty electrical system is available.

Solid color or two-tone paint combinations can be obtained and must be specified clearly. Load area painted to match exterior.

Protective screening between driver compartment and load area can be installed. Standard I-R compartments consisting of deep and shallow drawers, 6 tier divided lipped shelving, mesh shelf storage and work area, and small open locker can be installed on new van at manufacturer's location or installed locally on van in use.

Load area also affords use of coin collector box or installation of specialized interior arrangements designed to meet your needs.

Roof mounted single or double overhead ladder racks can also be installed. Pull down type ladder racks (single or double) are available and shipped loose. Racks can be painted to match the exterior color of the van.

Van can be ordered without Ladder Racks or Interior Compartments.

Interior Compartments (consisting of 3 components) can be obtained as a package only. These can be installed in a Van now in use, or to be ordered separately.

Ladder Racks, single or double, for all size ladders whether one piece, or extension type can be ordered individually. Ladder lengths, and choice of brace color must be specified. Racks are gutter rail installed.

Prices on Application

**J-23**