MOTORS — GENERATORS — TRANSFORMERS
MOTOR GENERATOR SETS — CONTROLS —
COMPLETE VARIABLE VOLTAGE DRIVES

29 YEARS (1924-53) SERVING INDUSTRY

BUY FROM ONE OF AMERICA'S LARGEST STOCKS — **SAVE $$$$ ON YOUR PURCHASES**

SQUIRREL CAGE MOTORS
3 Phase, 60 Cycle

Qu.	H.P.	Make	Type	Volts	R.P.M.
1	400	Cent.	NT-606-6	2300	1200
1	400	G. E.	I-K	2300	514
1	300	Whse.	CS-880	2300	1160
1	300	Whse.	CS-873-O	2300	1150
1	300	Al. Ch.	AR	440/220	880
3	125	Al. Ch.	AR	2300	1750
1	125	Al. Ch.	AR	2300	400
1	100	Whse.	CS-663-O	440	1750
1	100	G. E.	KT-567	440/220	870
1	100	Whse.	CS-938	2300	493
1	100	F. M.	II-241B	440	435

SLIP RING MOTORS
Constant Duty, 3 Phase, 60 Cycle Type

Qu.	H.P.	Make	Type	Volts	R.P.M.
**	1500	G. E.	MT-108	2300	257
**	1200	G. E.	MT-38	2300	277
1	800	G. E.	MT	2300	440
1	700	G. E.	I-M	2300	400
**	600	G. E.	MT-20	2300	240
**	500	Al. Ch.	ANY	2300	514
1	500	G. E.	I-16-M	2300	450
1	400	G. E.	MT-412	2300	450
1	350	Whse.	CW-937	440	1200
1	150	G. E.	MT-411	2300	300
1	150	Al. Ch.	ANY	440	720
2	100	G. E.	I-16-M	2300	514

**—Pedestal bearing design.

DIRECT CURRENT MOTORS
Variable Speed (230-VDC)

Qu.	H.P.	Make	Type	R.P.M.
1	200/240	G. E.	MPC	300/900
1	100/180	El. Dy.	No. 21	400/1100
1	60/100	G. E.	MPC	600/1125
1	60	El. Dy.	26-S	450/900
1	50	Whse.	SK	350/1000
1	40	Whse.	SK-140	500/1000
1	35	G. E.	CD-126	400/1100
1	35	G. E.	CD-147	500/1200
1	35M	Whse.	SK-180	400/1200
1	30	G. E.	CDM-108	575/1150
1	25	Whse.	SK-183	500/1500
1	25	Whse.	SK-140	400/1200
1	25	Whse.	SK-111L	250/1000
	Constant Speed (230 Volt)			
1	150	G. E.	CD-169-A	1150
1	150	G. E.	MPC	400
1	125	Whse.	SK-184	875/1150
1	50	Whse.	SK-110	1800
1	50	Whse.	SK-103	1150
1	50	Whse.	SK-115	850

MOTOR GENERATOR SETS

Qu.	KW	Make	RPM	V. DC	V. AC
1(3U)	2100	Whse.	720	600	4800/2400
2	1100	Whse.	720	600	2300
2	1000	Whse.	514	600	11000/6600
1(3U)	800	Whse.	1200	125/250	440/2300
1	500	G. W.	720	250	2300
1	400	C. W.	720	250	2300
1	400	C. W.	1200	125/250	440/2300
1	300	Whse.	1200	275	2300
1	250	Whse.	1200	125/250	440/2300
1	200	Whse.	1200	275	4000/2300
1	200	Whse.	1200	125/250	4000/2300
1	200	Whse.	1200	600	4000/2300
1	150	Whse.	1200	125/250	440
1	150	G. E.	720	250	2300/440
1	100	Ridgway	1200	275	4000/2300
1	100	C. W.	1200	125	440/220
1	75	G. W.	1200	250	4000/2300
1	75	Al. Ch.	900	250	2300
1	60	Ideal	1750	125	440/220
1	50	Al. Ch.	1200	250	440/220
1	50	Al. Ch.	1500	250	440/220

Any of these sets can be furnished with D.C. panels and starting equipment.

SYNCHRONOUS MOTORS
3 Phase, 60 Cycle

Qu.	H.P.	Make	P.F.	Volts	R.P.M.
1	4350	G. W.	80	13200/6600	514
1	3000	Whse.	80	4600/2400	720
1	2100	G. E.	100	2300	240
1	2000	G. E.	80	2300	720
1	1750	G. E.	100	2300	3600
1	750	G. E.	80	2300	450
1	710	G. E.	80	2300	170
1	600	G. E.	80	2300	900
1	550	G. E.	100	2300	514
1	500	Whse.	80	440	1200
1	300	G. E.	80	440	720
1	150	G. E.	100	2300	900
1	150	G. E.	100	550	900
1	150	Whse.	80	440/220	450
1	125	G. E.	80	4000/2300	1200
1	125	El. Mchy.	100	4600/2400	900
1	125	G. E.	1	2300	900
1	100	Whse.	1	440	1200
1	100	Ideal	1	440/220	900
1	100	G. E.	1	440/220	900

We have a large stock of manual magnetic and semi-magnetic, reduced and full voltage control for use with these motors.

TRANSFORMERS 60 CY.
Outdoor—Oil Cooled

Qu.	KVA	Make	Phase	Voltage
1	6000	Pitts.	3	13,200—1600
1	4800	G. E.	3	27,000/14,000—2300
1	3750	G. E.	3	14,000/13,200—240/480
1	3750	G. E.	3	14,000/13,200—2400/4160
1	1250	G. E.	3	13,400/13,200—2400/4160
1	750	Pitts.	3	27,000/14,000—2300/4000
1	500	G. E.	3	4800—240/480
1	333	Pitts.	1	23,000/11,000—2300
3	150	Al. Ch.	1	7200/4160—240/480

(5)—Allis-Chalmers metal-clad cubicles, each complete with 1200 amps., 15,000-Volt drawout O.C.B., type DZ-250A, 500,000 int. capacity, motor operated lifting mechanism, Relays meters, etc.

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POWER PLANT EQUIPMENT
SPECIAL OFFERINGS

TURBO-GENERATORS
1—20,000 KW 200# 13,200 V.
1—15,000 KW 300# 13,800 V.
1—6,000 KW 375# 11,500 V.
1—4,000 KW 400# 2300 V.
1—3,000 KW 425# 13,200 V. Ext/175# Non Cond.
1—3,000 KW 175# 550 V. Cd.
1—1,500 KW 150# 2300 V. Cd.
1—1,500 KW 175# 550 V. Ext.
1—1,000 KW 150# 480 V. Ext.
1—1,000 KW 200# 4160 V. N.C. NEW 1949.

3—750 KW 150# 250 V. D.C.
1—500 KW 200# 4160 V. N.C.
1—300 KW 125# 250 V. D.C.
3—120 KW 150# 240 V. N.C.

DIESEL GENERATORS
1—1000 KVA 2400 volts
1—200 KW 250 V. D.C.
1—400 KW 480 volts
1—300 KW 2400 volts
2—75 KW 240/480 V.

BOILERS
2—60,000# 275# (1949)
3—15,000# 275# (1943)
1—400 HP Ses. Hd. 125#
1—600 H.P. 300# (1948)
1—64" HRT 100# (1942)

DEAERATING HEATER
1—65,000# Never Used

Write or wire for additional data and prints.

A. LEE ELLIS CO., U. S. Machy. Bldg., 140 Federal St., Boston 10, Mass.

THE BUYERS MUST BE SATISFIED—ALWAYS

If there is anything you want or something you don't want that readers can supply—or use—advertise it in the **Searchlight Section**

MOTORS · MG SETS

Qty.	HP	Make	Voltage	Speed
10	2000	West.	625/600	400 RPM
20	1500	West.	625/600	400 RPM
21	1500	Al. Ch.	625/600	575 RPM
4	1200	Al. Ch.	625/600	650 RPM
2	800	Elliott	220	300/185 RPM
3	500	West.	625/300/600/900 RPM	
1	450	Cr. Wh.	230	475/730 RPM
1	400	West.	230	300/600 RPM
1	400	G.E.	240	150/350 RPM
1	400	Elliott (new)	230	400/800 RPM
1	400	West. (new)	230	375/750 RPM
1	250	Cr. Wh.	230	400/800 RPM
1	200	Cr. Wh.	230	600/750 RPM
1	200	Cr. Wh.	230	375/750 RPM

All motors designed for mill reversing service.
Smaller sizes also in stock.
Motor Generator Sets in Stock 100—2000 KW Capacity
All of above is modern late type equipment remanufactured & tested by our engineers.
Write, Wire, Phone
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We carry on hand the largest surplus stock of electrical fuses in the world. Over 50,000,000 in stock. We guarantee a minimum savings of at *least* 20%. We invite your inquiries. Specials are our specialty.

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WE BUY SURPLUS FUSES

NEW TRANSFORMERS—25 & 50 KVA
GE, OISC, Distribution Type "H", Form KOS, single ph., 60/60 cys., 23,000 volts primary, 2160/4160Y, 120/240, 240/480, 600 volts secondary, with 4—2½% taps below 23,000 volts, primary cover mounted bushings, secondary tank-wall mounted bushings, B/N 6,000,000.
American Electric Service & Maintenance Co.
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Motors • Generators • Transformers • Sales • Repairs

NEW TURBO COMPRESSOR
Ingersoll Rand 400 Hp TSI 515 CFM

TURBINE GENERATOR SETS
1—125 KVA GE AC/3/60/220 Volts/1200 RPM
4—600 KW West. DC/120-240 Volts 1200 RPM

DIESEL ENGINES & GENERATING SETS
8—Unused GM Twins
2—Hamilton 600 HP 720 RPM w/Dir. Con. Olivers Air Start Dir. Rev. Mfg. 1942
1—G.M. 8-268A 500 HP Marine Propulsion Engine w/rev. reduction gear & acces., etc.
1—Cooper-Bessemer FS6 300 HP 600 RPM
• 3—Hercules DWXD w/Heat Exch. & Clutch
1—Worth. DDS w/500 KW GE 3/60/2300V
1—100 KW Lorimer 3 ph 440 V. Diesel Set
6—63 KW Buda 3 ph. 4 wire Diesel Sets
1—60 KW Int. Har. 3 ph 4 wire Diesel Set
1—15 KW Int. Har. 3 ph 4 wire Diesel Set
3—20 KW Le Roi 1 ph 120/240 V. gas gen. sets

SYNCHRONOUS MOTORS
** 4—75 HP Burke 3/60/220-440V/1800
** 1—125 HP El. Mach. 3/60/4200V/900
10—125 HP GE 3/60/4000 V/1200 TS6032
* ** 1—300 HP El. Mach. 3/60/200V/1200

AC & DC GENERATORS
* ** 25—5 KW GE 3/60/120-208V/1800 w/Panels
* ** 25—5 KW I A 3/60/120-208V/1800/1DRG
* ** 20—10 KW GE 3/60/120-208V/1800/ w/Panels
* ** 6—25 KVA GE 3/60/440V/1800
2—60 KVA Star 3/60/120-208V/1200—D.B.
1—75 KVA El. Mach. 3/60/440V/900
2—400 KVA El. Mach. 3/60/440V/900 2 Brg.
1—500 KW West. DC 120-240V/1200
*UNUSED—**BALL BEARING

ALBERT HELLER CO.
210 SNEDIKER AVE., BROOKLYN 7, N. Y.
HYacinth 5-0800

O'Brien Offers—

MOTOR GENERATOR SETS
1—100 KW West SK Comp'd 125 V., 150 HP West syn. 3/60/440/1200 rpm.
1—1000 KW West. 250 volt Flat Compound 600 RPM 1440 H.P. West. Syn. Mtr. .8 P.F. 3/25 cycle 2300 V. A.C. & D.C. Panels
1—500 KW Crocker Wheeler CCD, 250 volt 720 RPM with 750 KVA Cr. Wh. Syn. Motor 3/60/2300 V. A.C. & D.C. Panels.
1—300 KW West. 3 wire 125/250 Volt 1200 RPM Generator (1935 year). Can furnish with suitable motor. Advise Requirement.
1—250 KW Burke 125 V. 435 KVA Syn. M.D. 3/60—any voltage
1—150 KW G.E. Type MPC—250 Volt 1200 RPM 3/60/2300/200 H.P. Syn. Motor Drive A.C. & D.C. Panels
100 KW Electro Dynamic 200 V. 3/60/220/1200 R. Brg. Sq. Cg. Sep. Excited.
1—100 KW Al. Ch. 250 V. 1200 RPM 150 HP. Syn. Mtr. 3/60 or 3/60 any voltage.
1—75 KW Burke 250 V. 900 RPM 115 H.P. Burke—Syn. M.D. 2 or 3 ph. any voltage.
1—62½ KW 125 volt Hertner, 1200 rpm, 100 HP Sq. Cg. 3/60/220
2—50 KW GE 600 Volt DC, 75 HP, 3/60/40/1200 RPM.
Smaller Sizes and Types—Advise Requirements

BOILERS
1—450 HP Keeler CP 160 lb. Oil
1—300 HP Keeler CP 300 lb. Oil
1—250 HP B & W 250 lb. 1048
2—300 HP Springfield Sec. Hdr. 400 psi.
1—80 HP Cleaver Brooks Package 125 psi.
1—60 HP Cyleotherm Package 125 psi.
1—25 HP Dowtherm Vaporizer

Space Needed—Priced for quick sale—2—250 KVA GE Ames Vertical 4 cylinder Uniflow engines, 3/60/240/480 rpm. 140 psi, 5 lb. back pressure. Exciters, Switchboards. Condition Excellent—Contact us to inspect at Claridge Hotel Atlantic City, N. J.

DIESEL GENERATOR SETS
1—1250 KVA Nordberg 3/60/2300/360 RPM 1940
1—375 KVA GM 8-268A, 3/60/480/1200 RPM
1—250 KVA G.M. Twin 6-71, 3/60/220/440/1200 RPM Rad. Cooled.
1—187 KVA G.M. Twin 6-71 Portable, 3/60/220/440 New
1—125 KVA Cooper Bessemer 6 cyl. 900 rpm 3/60/220 Elec. Start.
2—45 KVA Chry. New 6 Cyl. 3/60/220/440.
1—200 KW G.M. Twin 6-71, 240 D.C. Rad. Cooled Elec. Start.

ELECTRIC MOTORS

Qu.	HP	Make	Type	Volts	Speed
1	1500	Al. Ch.	sl. rg.	2300	514
1	1000	G.E.	K	2300	1200
1	1000	West.	CW	2300	450
1	700	West.	CS	2200	1800
1	600	Al. Ch.	Syn.	2300	212
1	500	AC	ARX	2300	1800
1	500	West.	CS	6600/2300	514
1	450	A.C.	ANY	2300	600
1	400	West.	CW	440	514
1	400	G.E.	Syn.	2300	450
1	350	G.E.	MT18	2300	400
2	200	G.E.	KT558	2300	1200
1	200	West.	CW	440	1800
1	200	G.E.	IM	440	600
1	125	West.	Syn. 3 brg.	550	600
2	100	G.E.	KT552	220/440	1200
1	50	West.	CS	440	3600
1	50	West.	CS	440	1200

EXCEPTIONAL DELIVERY
New O'Brien mfrd. Red Line dry type Transformers to 150 KVA single phase, 300 KVA, 3 phase—4800 V. Pri.—& Phase Changers to 100 KVA.

"Everything from a Pulley to a Powerhouse"

TURBO GENERATORS
Philadelphia Stock
1—2500 KVA West. Cond. New 1936. 3/60/2400—200 psi Surf. Cond.
1—1250 KVA DeLaval Non-Cond. 3/60/2300. New 1940 240 psi 50 lb. B.P.
1—938 KVA GE-Terry Aut. Extr. 3/60/480 150 psi. 20 lb. B.P. Surf. Condenser 1934
1—750 KVA G.E.-Moore 3/60/2300/3600 RPM Non-Cond. 150 PSI 35 lb. B.P. New 1936.
1—187 KVA West. Non-Cond. New 1930 3/60/440 110 psi 10 lb. B.P.
1—94 KVA Worthington Non-Cond. 3/60/220 140 psi 5 lb. B.P.
1—75 KW G.E. Non-Cond. D.C. 125 volt.

AIR COMPRESSORS
1—1500 CFM Sullivan WJ 3 Angle Cpd. 100 psi 22/13x10 belt.
1—1000 CFM Chicago OCE Syn. Mtr. Dr. 175 HP 3/60/2300.
1—978 CFM Sullivan 13x12x8, 45 psi.
1—215 CFM Penna 3A, 70 psi—V-Belt.
1—368 CFM Chi. NSB, 12x10, 100 psi.
1—371 CFM Schramm 7⅛x6x4, 100 psi
2—22 CFM Curtis 3 Stg. 1500 psi; V-belt

OISC TRANSFORMERS

Qu.	KVA	Make	Pri. V.	Sec. V.	Phase
2	1000	West.	33000	480	3
3	1000	GE	13200	2300	1
1	1100	West.	4160	440	3
3	667	Al. Ch.	33000	2300	1
3	500	West. Dry	33000	2300	1
3	500	West.	22000	460	1
1	500	Gregory	4150	440	3
3	500	GE	13200	2300	1
3	400	GE	2400	480	1
3	333	West. Dry	2400	480	1
3	333	Pitts.	33000	2300	1
3	333	G.E.	13800	240/480	1
2	150	West.	2300	230/115	1
3	150	Dry	2300/4160	230/460	1
3	100	Dry	2300/4160	230/460	1

1—New O'Brien "Red-Line" 150 KVA OISC Transformer 13,200/13,200 v. pri., 480 v., sec., 3 ph.
3—333 KVA New O'Brien Red Line O.I.S.C. Transformers 4160 V primary 480 V secondary ea. single ph. 60 cys.

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B&W Stirling Class F19AG 45000 lbs per hr., 275 PSI, 500° TT—pulverized fuel.

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EXISTING
BOILERS
10 TO 5000 HP — 10 TO 900 PSI
EXISTING
DIESEL ENGINES — STEAM TURBINE
GENERATORS
5 TO 20,000 KW
DEAN G. STRICKLER & ASSOCIATES
5220 Pennington Ave., Baltimore 26, Md.
Curtis 7-7777

SQUIRREL CAGE MOTORS
(3 Phase, 60 Cycles)

Qu.	HP	Make	Speed	Type	Voltage
3	350	Burke	3570	EF-720,TEFC	440
2	300	G. E.	710	K	2300
1	200	G. E.	600	IK	220/440
1	150	Fynn W.	720	35V-RN	440
1	150	G. E.	1200	IK-15	440
1	125	G. E.	720	MT563	440
1	125	A. C.	720	Open	440
1	100	G. E.	3600	1-17	440
3	100	A. C.	1200	AR	440
1	100	G. E.	900	IK	220
1	100	G. E.	900	I	440
2	100	Reliance	870	AA	2300

SLIP RING MOTORS (3 Phase, 60 Cycles)

Qu.	HP	Make	Speed	Type	Voltage
new	3500	G. E.	120	IM	2300
1	800	G. E.	720	MT	2300
1	300	Ideal	1200	AV-Vert.	4000
1	200	Whse.	600	CW	220
1	200	G. E.	600	IM	220/440
1	200	G. E.	880	I	440
1	150	Whse.	1200	HF	2200/4000
1	150	Whse.	870	C-I with brake	440
3	100	A. C.	300	ANY	440

DC MOTORS

Qu.	HP	Make	Speed	Type	Voltage
1	760	G. E.	800	MCP, Ped. Bear.	550
1	350	G. E.	450	MPC, 3 Bear.	230
1	275	G. E.	450	MPC, 3 Bear.	230
1	150	W. S.	1636	RC	230
1	150	Diehl	250/400	Shunt, 3 Bear.	230
1	100	Reliance	500	Open	230
1	75/40	Whse.	300/900	SK181	220

AC GENERATORS

Qu.	KW Rating	Make	Speed	Type	Output
1	393	F-M	257		3-60-480
2	31K	Whse.	1200	Open	3-60-120/203
1	31	F-M	1200	TO	3-60-210

DC GENERATORS

Qu.	KW	Make	Speed	Type	Volts
1	325	G. E.	500	MPC, 3 Bear.	250
1	250	G. E.	600	MPC, 3 Bear.	250
1	100	G. E.	875	DLC	250
1	65	Whse.	1175	SK	120
1	40	Reliance	1150	Dr. Fr.	250

DC MG SETS

Qu.	KW Rate	Make	Speed	Type	Volt.	AC Drive HP
1	700	G. E.	720	MCP	550	800
1	200	A-C	850	Compound	250	300
1	75	G. E.	1150	RMC-12	75/75	100
1	40	G. E.	1160	MPC	125	75
1	40	G. E.	1175	CD-129	125	60
1	35	G. E.	1160	RC-35	120	50
1	30	Whse.	1470	SK	115	60
1	25	F-M	1800	DO	125	40
1	15	F-M	1800	OPS	120	25

BLOWERS
3—17000 to 28000 CFM, 5" to 12" SP, 100 HP, 1800 RPM, 3-40-220/440, also NO33, 2 stage, axial flow, International Eng.
3—12000 CFM, 16" SP, 75 HP, 1800 RPM, 3-40-220/440, A-C, turbo type.

KECK ELECTRIC CORP.
201 N. BLUFF STREET — JOLIET, ILLINOIS