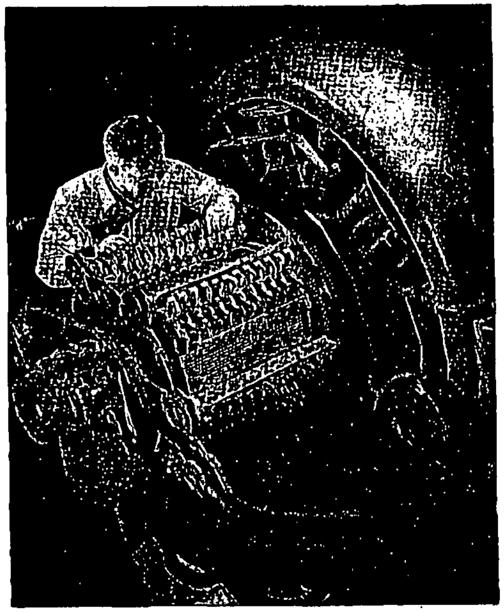


Craftsmanship

A TRADITION AT CHICAGO ELECTRIC

Motors
Generators
M. G. Sets
Transformers
Compressors
Switchboards
Controls
Drives
Pumps
Hoists

During the thirty-eight years we've been serving industry there has never been a dormant period—a period of Marking Time. Since the company's birth, in 1910, the order has always been Advance and Change. Variously the plant has been modernized, rebuilt, moved, and expanded; our scope of service has been widened repeatedly. Operating methods and procedures, always under careful study, have been altered and accelerated; the plant facilities redesigned again and again for ultimate simplicity and speed.

Throughout these thirty-eight years only one factor has remained a constant—the caliber of Chicago Electric Workmen. No machine or plant is better than the men who use it, and the only fine line of difference between the "employee" and the "craftsman" is the personal pride in effort that the true craftsman displays. This satisfaction and pride in quality workmanship distinguishes the Chicago Electric Service; assures industry of certain satisfaction when dealing with the nation's most outstanding rebuilder.

For nearly forty years every unit turned out has received the Chicago Electric Guarantee of excellence, backed by the Company's record as the country's finest rebuilder. To be certain of prompt and reliable handling of power problems, remember Chicago Electric, where traditional skill and craftsmanship combine with the most modern operating equipment to provide industry's most distinguished service.

REBUILDERS • REDESIGNERS POWER EQUIPMENT

THE CHICAGO ELECTRIC COMPANY

1330 WEST CERMAK ROAD · CHICAGO 8, ILLINOIS · PHONE CANAL 2900

POWER SPECIALS

A Partial Listing From Chicago Electric's Quality Stock One Of The Finest In The Nation.

SPECIAL MOTOR GENERATOR SET

1000 KW generator, General Electric, type MPC, comp. int. 275 volt, 514 RPM, direct connected to, 1120 KVA synchronous motor, General Electric, type TS, 3 ph, 60 cy. 4600 volt, 514 RPM, on fabricated steel sub-base. All complete.

MOTOR GENERATOR SETS

KW	Make	AC	DC
1500	Al. Ch.	4000	550/600
1000	G.E.	4150	600
500	Whse.	2300	600
500	G.E.	2300/4000	600
500	Whse.	4600	250
450	G.E.	2300	125
400	Ideal-3 unit	2300	125/250
350	G.E.	440	250
350	G.E.	2400	250
300	G.E.	440	250
300	G.E.	2300	250
300	Cr. Wh.	2300	125
90	G.E.	2300	60/60
75	Star	220/440	230
75	G.E.	2300	125
75	Whse.	2300	110
75	Elec. Pdts.	220	125
60	Al. Ch.	2300	110
50	Whse.	220	110
50	Cr. Wh.	240	230
40	Cr. Wh.	440	125
40	Reliance	440	250
35	Whse.	440	125
35	G.E.	220	40
25	Watson	220	97/311

A.C. GENERATORS

KW	Make	Type	Volts	Speed
1125	G.E.	ATI	2300	257
1000	G.E.	TS	2300	900
750	Whse.		440	900
750	G.E.	ATI	2300	720
300	Al. Ch.		440	600
187	El. Mach.		240	514
150	Al. Ch.		480	720
100	El. Mach.		240	150
75	Al. Ch.		240	1200
60	F. Morse	D	2300	900
60	F. Morse		480	900
50	Cr. Wh.		240	1200
50	Cr. Wh.		220	1800
50	Whse.		220	1200
30	G.E.		220	1200
10	Al. Card		115/230	1200

D.C. GENERATORS

KW	Make	Type	Volts	Speed
350	G.E.	MPC	250	1200
125	Milwkee.	A	250	575
90	G.E.	CD	60/60	1200
75	Whse.	SK	190/210	720
75	G.E.	CD	250	1200
65	G.E.	KLC	125	1100
60	G.E.	H	125	1150
40	G.E.	DLC	120/125	1200
35	G.E.	DLC	125	850
35	Roth	FR	250	1100
25	Cr.Wh.new	1-brg.	125	1200
20	Bogue new	MCI	125	1200
15	G.E.		125	1400
10	G.E.	RC	125	800
10	Peerless		125	1500
7	G.E.	CVC	150	1500
5	F. Morse	CP	110	1750

GEARHEAD MOTORS

HP	Make	Type	Volts	Speed
5	Delco	C	220/440	1750
3	U.S. El.	GH	220/440	230
3	G.E.		220/440	1725
3	G.E.	220/440	220/440	190
3	Sterling	KFA	220/440	230
1½	G.E.	K	220/440	86.6
1½	U.S. El.	GD	220/440	900/1800
1½	Whse.	CS	440	[illegible]
1	U.S. El.	GS	220/440	280
1	U.S. El.	GT	220/440	900

SQUIRREL CAGE MOTORS

HP	Make	Type	Volts	Speed
700	G.E.	K	2200	1800
500	Elliott		2300	720
400	G.E.	I	2300	1800
400	Whse.		2200	1750
350	G.E.	I	440	514
250	G.E.	K	2200	1775
200	G.E.	KT	2200	575
200	Whse.	CS	440	1750
200	El. Mach.		480	1800
125	G.E.	K	440	1200
100	Al. Ch.	AR	440	495
100	U.S. El.	CFU	220/440	1200
75	G.E.		2200	720
60	Al. Ch.	AR	220/440	900
50	Al. Ch.	ARC	440	1800
50	Whse.	CS	220/440	900
50	G.E.	I-8	220	900
50	G.E.	K	220/440	1800
40	G.E.	I	220	570
40	G.E.	KT	220	720
40	Whse.	CS	220/440	1800
35	G.E.	I	440	720
35	G.E.	I-K	220	720
30	Whse.	CCL	220	900
30	Whse.	CS	440	1800
30	G.E.	KR	220/440	1800
30	Whse.	CCL	220	900
30	Howell	HRD	220/440	3600

D.C. MOTORS

HP	Make	Type	Volts	Speed
430	G.E.	MPC	250	950
100	G.E.	RC	230	2500
90	G.E.	C	115	500/1500
90	G.E.	CD	550	1050
85	G.E.	DLC	115	1000
45	Whse.		250	630
40	G.E.	F	220	620
35	Cr. Wh.	CM	220	840
35	G.E.	C	230	300/900
30	G.E.	S	110	618/1380
30	Cr. Wh.	CCM	220	450
30	Al. Ch.	Hull	230	575
30	G.E.	C	230	240/800
30	Triumph		230	250/750
30	Whse.	SA	220	400/1200
25	Al. Ch.		220	700
25	G.E.	RC	115	600
25	Whse.	R	220	850
25	Cr. Wh.	CM	115	750
25	G.E.	GL	220	733
25	Bogue	MCI	125	900

SLIPRING MOTORS

HP	Make	Type	Volts	Speed
1200	Whse.	CW	2200	690
800	Whse.	CW	6600	507
750	Al. Ch.		4000	480
600	G.E.	I	6600	300
600	G.E.	IM	400	252
500	G.E.	IM	440	1800
300	Al. Ch.		2300	514
250	G.E.	IM	2200	720
200	G.E.	IM	440	900
200	Whse.	CW	440	850
250	Al. Ch.		2200	200
250	Al. Ch.		220	705
200	G.E.	IM	220/440	1800
200	G.E.	MT	440	720
80	L. Al.	GH	220/440	870

SYNCHRONOUS MOTORS

HP	Make	Type	Volts	Speed
1750	G.E.		2300	900
1080	Whse.		6600	750
1000	G.E.	TS	2300	900
815	G.E.	ATI	11400	514
700	Whse.		440	900
600	El. Mach.		2300	514
500	G.E.	ATI	440	900
500	El. Mach.		2300/440	180
450	El. Mach.		440	240
400	El. Mach.		440	600
350	G.E.	TS	2300	200
300	El. Mach.		440	900
250	Al. Ch.		2200	720
200	Al. Ch.		2300	360
100	G.E.	TS	2300	900
75	G.E.	ATI	220	900
60	G.E.	TS	220	1200
60	F. Morse		2300	900
20	Fynn W.		440	1200

TRANSFORMERS

KVA	Type	Make	Primary	Secondary
1500	Oil	Whse.	240/480	120/240
1500	Oil	Uptg.	24000	480
100	Oil	Wag.	4000/2300	400/230/115
100	Dry	Whse.	240/480	120/240
75	Oil	G.E.	24000	6900/2300

2 COMPLETE VARIABLE VOLTAGE DRIVES

M.G. Set 200 KW DC generator, General Electric, type MPC, 250 volts, 800 amps, 1200 RPM, direct connected to, 300 HP synchronous motor, General Electric, type TS, 3 ph, 60 cy, 440 volt, .8 P.F. 1200 RPM.

D.C. Motor 250 HP General Electric, type MPC, form A, 245 volts, 730/975 RPM. With Complete Starting and Control Panels.

ROTARY CONVERTERS

3—375 KW DC rotaries, General Electric, type HCC, comp. int. 6 ph, 60 cy. 275 volt, 1200 RPM, with full automatic G.E. control, with transformers arranged for 2300, 4100, 6600, or 13200 volts.

STEAM TURBINE

2500 KVA General Electric, 3 ph, 60 cy, 2300 or 4160 volts, 3600 RPM, 165 lbs. condensing.

DIESELS

New Diesel Generator—60 KW, 75 KVA AC generator, Electric Machinery, 3 ph. 50 or 60 cy. 230/400 volt, 4 wire, .8 P.F. 108.5 amp, 600 or 720 RPM, with 3 KW Elec. Mach. exciter, 125 volt, direct connected to, Oilwell diesel, model 10060-4YD, size 5¼x8, on fab. steel base.

1000 HP Fairbanks Morse, 720 RPM, with all auxiliaries, with 1250 KVA 1000 KW Crocker Wheeler, 80% P.F. 3 ph, 60 cy, 2300/4000 volt, AC generators 720 RPM.

448 HP General Motors, 400 RPM, all complete, with 300 KW Westinghouse, 3 wire, 125/250 volt, DC generators, 400 RPM.

425 HP General Motors, model 268A, full diesel with all auxiliaries, with 250 KW 3 ph, 60 cy, 440 volt AC generators 1200 RPM.

WELDERS;

Amps	Make	Type	Volts	Speed
600	Wilson	C600W	35	1800
400	Lincoln	SAE	40	1800
300	Whse.	BCF	40	1750
200	U.S.L.	AWO	60/20	1750
200	G.E.	WD9	60/20	1750

VERTICAL A.C. MOTORS

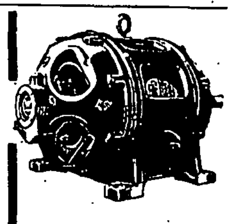
HP	Make	Type	Volts	Speed
100	U.S. El.	CFU bb	220	1200
75	Whse.	CS bb	2200	900
40	U.S. El.	BCV bb	440	1800

FREQUENCY CHANGERS

33 KW generator, General Electric, type MM-4033, 3 ph, 240 cy, 220/440 volt, 83 amp, 3600 RPM, .8 P.F. direct connected to, 55 HP induction motor, General Electric, type K-284, 3 ph, 60 cy, 220/440 volt 33/16.5 amp, 1800 RPM, 4 brg. unit on fab. fab. base.

25 KW generator, Allis Chalmers, type ANY, 3 ph, 240 cy, 220 volt, 70 amp, 1750 RPM, direct connected to, 35 HP induction motor, Allis Chalmers, type AN, 3 ph, 60 cy, 220 volt, 87 amp, 1750 RPM, 4 brg. unit, on steel fab. base.

18 KW generator, General Electric, type MM-4015, 3 ph, 180 cy, 220/440 volt, 1800 RPM, .8 P.F. direct connected to, 10 HP induction motor, General Electric, type K-310, 3 ph, 60 cy, 220/440 volt, 1800 RPM, on fab. steel base.



SYNCHRONOUS MOTOR SPECIALS

2—300 HP Allis Chalmers, 100% P.F. 3 ph, 60 cy, 2300 volt, 360 RPM pedestal sleeve bearing, were used on compressors.

MOTORS
GENERATORS
MOTOR GENERATOR SETS
TRANSFORMERS
PUMPS
COMPRESSORS
HOISTS
CRANES
CONTROLS
SWITCHBOARDS
V-DRIVES
COUPLINGS
PAPER PULLEYS
PIVOTED MOTOR BASES
FANS
BLOWERS
BOILERS
DYNAMOMETERS
FREQUENCY CHANGERS
ROTARY CONVERTERS
SPEED REDUCERS
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