MOTORS • GENERATORS • TRANSFORMERS

7 x 7 AIR COMPRESSOR

Ingersoll Rand 7x7 Class ER1—100#—with or without drive.

1—400 KW Westinghouse 500 V. DC 730 RPM 600 Amps. Motor—580 H. P. Synchronous 1 Ph. 25 cycle 440 V. 730 RPM.

ANODIZING M.G. SET

33 KW Gen. Elect. Type BR, Form C 60 V. D.C. Direct connected to 50 HP 3/60/440/1800 Gen. Elect. Motor.

400 HP GEAR REDUCER

1—400 HP Nuttall (Westinghouse) Type LMR-35 Single Helical Heavy Duty Reducer—6-1 Ratio at 900 RPM with High Speed Shaft Extension for Brake.

400 HP SYNCH. MOTOR

1—400 HP Westinghouse Synchronous Motor. 3/60/2300/900 RPM. Unity P.F. with direct connected exciter—Late Type.

55" LIFTING MAGNETS

2—55" Cutler Hammer Magnets 250 Volts DC. Excellent Condition.

1—350 KW General Electric Generators Type MPC, 250 Volt DC, 720 RPM Single Bearing Machines.

MOTORS

60-50-25 Cycle In Stock—All Sizes, Slipring—Squirrel Cage—Synchronous. All types of Control Equipment.

100 HP Westinghouse Slipring 3 Bearing 3/60/220/440/415 RPM.

100 HP Gen. Electric Type I form K 3/60/2300/600 RPM.

100 HP Gen. Electric Type KT 356 3/60/2300/900 RPM.

125 HP Gen. Electric Type I form K 3/60/440/720 RPM.

125 HP G. E. Type KT 3/60/2300/1200 RPM.

150 HP G. E. Type KT 3/60/440/500 RPM.

150 HP Gen. Electric Type I form K 3/60/2300/900 RPM.

200 HP Gen. Electric Slipring Type I form M 3/60/440/600 RPM.

200 HP G. E. Type KT 3/60/440/605 RPM.

250 HP G. E. Type KT 3/60/440/720 RPM.

T.E.F.C. MOTORS

2—200 HP West. XP-3/60/2300/3600, Frame 8120H.

1—125 HP G.E., TEFCBS, Frame KF6328Z, 60/3/440/1600 RPM.

60 HP West. CS-687 3/60/440/900, X-Proof.

50 HP Ideal, New, 3/60/220/440/1800.

2—20 HP Louis Allis ES-365, 3/50/220/440/1800, X-Proof.

15 HP Louis Allis Es-364, 3/60/220/440/1800, X-Proof.

125 VOLT DC MOTORS

1—100 HP Crocker Wheeler 125 Volt DC 850 RPM Ball Bearing

DC CIRCUIT BREAKERS

1—1000 AMP. Condit. 2 Pole

1—1600 AMP. Condit. 2 Pole

1—1600 AMP. Westinghouse 2 Pole

1—3000 AMP. Westinghouse 2 Pole

TRANSFORMERS

4—333 KVA Gen. Elect. Transformers Type H Form VRW Primary 2400/4800 Secondary 240/480 Single Phase 60 cycle with Taps. Immediate Shipment.

3—200 KVA Niagara—New. OISC. 1 Ph. 60 Cy. 2400/4160Y. 240/480.

1—75 KVA Niagara—New. OISC.—3 Ph. 60 Cy. 2400 V. Primary, 280Y/120 Secondary.

6—50 KVA. Niagara—New. Dry Type 1/60/-240/480—110/240.

ERIE ELECTRIC CO., INC. 124 CHURCH ST. BUFFALO, N. Y. CL 4758

AMERICAN 50 Years' Record Guarantees Satisfaction

- NEW AMERICAN AP—1 & 2 Stage Electric—Steam
- Rebuilt—Standard makes & sizes Stationary or Portable
- Rental—Gas—Diesel—Electric—Steam
- Rebuild or Convert your Compressor

PORTABLES

90 CFM	Worthington (Gas) 5 PNEU	
75 CFM	Quincy (Gas) 3 PNEU	
105 CFM	Worthington & Ingersoll	
160 CFM	Worthington (Gas) 5 & 4 PNEU	
210 CFM	Worthington (Gas & Diesel)	
210 CFM	IR & Worthington (Gas & Diesel)	
260 CFM	Worthington (Diesel) 4 PNEU	
306 CFM	Worthington (Diesel) 6 PNEU	

STATIONARY

CFM	PSI	SIZE	MANUFACTURER
44	100	8x8	Ingersoll ER-1
66	110	8x8	Penn-IR
83	125	8x8	Ingersoll ER-1
85	90	7x8	IR-Penn
93	100	7x8	American-IR
125	100	7x7	Worthington-IR
135	125	8x8	American-IR
190	125	8x8	IR-Worthington
211	100	8x8	Worthington HB
234	125	10x10	Chicago Penn.
239	125	10½x11	American AF-1
311	40	12x8	CPT-Penn-IR
384	85	12x7	Worthington-IR
389	100	12x10	IR-CPT
379	40	12x8	Worthington HS
388	115	12x12	Ingersoll ER-1
460	125	12x12	American
565	90	14x10	IR-Sullivan
628	100	14x12	CPT-IR
828	100	16x12	Ingersoll
740	40	17x10	CPT-IR
788	85	17x12	Ingersoll ER-1
833	125	17/10x12	Chicago Penn.
851	80	17x12	Worthington
1084	35	22x12	IR-CPT
1152	125	18/11x10	Chicago
1323	35	22x15	Worthington
1867	15	22x18	Worthington

America's No. 1 COMPRESSOR REBUILDER Since 1902

We have a unit for your requirements from our stock of over 300 compressors & vacuum pumps.

AMERICAN AIR COMPRESSOR CORP.
Dell Ave. & 47th St., North Bergen, N.J. • Union S-4848

TRANSFORMERS FOR SALE

6—1000 KVA Mel. 11500—2400/4160Y
3— 500 KVA G-E 22000—3300/4000Y
2— 333 KVA G-E 13800—230/460
3— 333 KVA W-H 6600—2300
1— 200 KVA G-E 22000—3300
3— 200 KVA Mel 3450—2300
3— 150 KVA G-E 44000—600/2400
3— 150 KVA G-E 19050/33000Y—2540/4000Y
2— 150 KVA G-E 6900—230/460
3— 100 KVA G-E 33000—6900/11950Y
3— 100 KVA G-E 13200—2300
7— 50 KVA A-Ch 33000—6900/11950Y
3— 50 KVA A-Ch 33000—2400/4160Y
3— 50 KVA A-Ch 13700—2300/4600
1— 500 KVA W-H 27600—444/131 3-phase Rotary

Many other items in stock

TRANSFORMERS WANTED

Reliable rewind and repair service on all makes of transformers

THE ELECTRIC SERVICE CO.
CINCINNATI 27, OHIO
40 Years Dependable Service

FOR SALE

Power plant equipment, Steam, Diesel, electrical, boilers, engines, turbines, generators, new or used.

PENN MACHINE COMPANY
Jackson, Miss.

JUNE 1953

CHICAGO Electric Digest

PUBLISHED BY CHICAGO ELECTRIC CO. • THE HOME OF GUARANTEED REBUILT POWER EQUIPMENT

EQUIPMENT REBUILDING AT ITS FINEST!

M. G. SETS

KW	Make	AC	DC
2400	A. C. (3-unit)	4800	525
2400	Westgh. "	4800	600
1000	G. E. "	11000	127½/275
1000	Westgh. "	11000	127½/275
500	A. C.-West.	2300	250
500	Cr-Wh.	220/440	250
450	G. E. (3-unit)	2300	125/250
400	A. C.	2300	120/240
250	West.-G. E.	440	250
200	Ridgeway	2300	250
180	G. E.	2300/440	250
150	G. E.	2300/4000	125/250
150	G. E.	440	275
100	G. E. (25 cy)	440	125
100	G. E.	2300	250
100	Delco-G. E.	440	120/240
90	G. E.	440	80
75	A. C.	440	250
60	A. C.	2300	110
60	G. E.	440	250
40	Cr-Wh.	220	125
40	A. C.	220	125
40	G. E.	220	125
25	G. E.	440	125
25	Westgh.	2300	125
25	G. E.	220	275
20	G. E.	440	250
20	Bogue-GE	440/550	250
20	Bogue-GE	220/440	250
20	Bogue-GE	220/440	125

DC to AC

100	G. E.	230	525
75	Westgh.	2300	115
13½	Westgh.	240	115

WE WILL BUY
TOUR SURPLUS MOTORS
GENERATORS • M.G. SETS
HOISTS • COMPRESSORS
TRANSFORMERS
CASH or TRADE
Write full details for our
OFFER BY RETURN MAIL

AIR COMPRESSORS

Size	Make	Type	Psi.	Disp.
12x11	Worth.	HB	100	428
10x11	Worth.	HB	100	304
9x9	Worth.	HB	100	211
8½x9	Worth.	HB	100	170
7x7	Worth.	HB	100	105
	Worth.	M-60	80-125	354
	Worth.	M-26	80-125	142
7½ HP	Worth.	AT833	100	38
10 HP	Worth.	AU933	100	48.8
5 HP	Worth.	3-TT	100	25.3
3 HP	Worth.	AS-5	100	17
3 HP	Worth.	2-TT	100	10.7
2½x2½	Quincy		150	5

AC SYNCHRONOUS

GENERATORS

3 Phase, 60 Cycle, 220 or 440 Volt (*2200 volts or higher)

KVA	Make	Type	P.F.	Spd.
3500	*O. E.		.8	720
1750	*Westgh.		.7	900
1500	O. E.	ATI	.8	720
312	O. E.	ATI	.8	900
300	*O. E.	ATI	.8	720
225	O. E.	ATB	.8	600
187	Westgh.	ES	.8	720
119½	*O. E.	ATB	.8	1200
110	Cr-Wh.	103	.8	900
100	*O. E.	ATB	.8	900
80	Fbks-M.	D	.8	900
66	O. E.	ATB	.8	1200
50	O. E.	ATB	.8	1200
50	Westgh.		.8	1200
50	O. E.	ATD	.8	900

SQUIRREL CAGE

MOTORS

3 Phase, 60 Cycle, 220 or 440 Volts (*2200 volts or higher)

HP	Make	Type	Speed
1750	*O. E.	K	3600
1000	*O. E.	K63479	1800
1000	*A. C.	TEFC	1800
750	*O. E.	KT	720
700	O. E.	KT	3600
600	*O. E.	PBG	3600
500	*A. C.	6316SW	1800
450	*O. E.	KP5678	1200
400	*Westgh.	CS	1800
400	*O. E.	KTP562	1800
400	A. C.	ANW	900
400	*O. E.	IK	514
350	*Cr-Wh DBDP	BC	3600
300	*Westgh.	CS	3600
250	*L. Allis	OGS	1800
250	*L. Allis	OGX1455	720
250	O. E.	IK	900
200	*O. E.	FT549Y	3600
200	*O. E.	IK13B	1800
200	A. C.	ARWWT	600
200	O. E.	IK-17	600
150	*A. C.	AN	1800
150	O. E.	15-K	1800
150	*O. E.	IK	600
150	A. C.	AR	720
125	Westgh	CS3048	3600
125	*A. C.	AR320	1800
125	O. E.	IK	1200
100	*O. E	FT542Z	1800
100	Westgh.	CS	1800
100	A. C.	AW	1200
100	O. E.	IK18A	1800
100	U. S.	CPU(Vert)	1200
100	*Westgh	CS(Vert)	1200
100	A. C	AN	900
100	O. E.	IK16A	514
75	Westgh.	CS4458	3600
75	A. C.	AN	1800
75	Westgh	CS645C	1800
75	E.	H7340	1200
75	O. E.	IK	1200
75	Westgh.	CS	900
75	*A. C	AR(Vert)	900
75	A. C.	AN	720
75	O. E.	IK	600
75	*Triumph	TR16	514
75	O. E.	IK	514
60	*Westgh.	CS5048	1800
60	A. C.	AP64456	1800
60	A. C	AP5304U	1200
60	O. E.	ST748	1200
50	A. C	AR823	900
50	A. C	AR826P	514

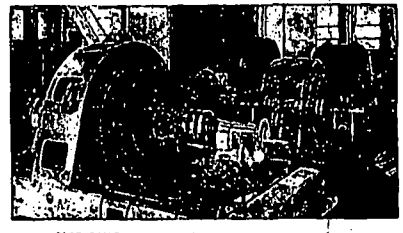
(Hundreds of smaller motors)

AC SYNCHRONOUS

MOTORS

3 Phase, 60 Cycle, 220 or 440 Volts (*2200 volts or higher)

HP	Make	Type	P.F.	Spd
2400	*A. C.		1.0	514
1250	*Westgh.		.7	900
750	*O. E. (25 cy)	ATI	1.0	720
700	*O. E.	TS9765	1.0	1200
600	*O. E.	TS9640	1.0	900
600	*O. E.	ATI	1.0	360
400	Westgh.	HO	1.0	900
300	O. E.	ATI	.8	900
300	*O. E.	ATI	1.0	720
250	*Elc-Mch	ZS	1.0	720
200	Ideal	BNB	1.0	257
190	Elc-Mch	ZS	1.0	720
175	*Westgh.	HR	1.0	360
150	*Westgh.	HR	.8	900
125	O. E.	ATI	1.0	900
125	*Elc-Mch		1.0	900
125	Cr-Wh.	103S	1.0	900
125	*O. E.	TS	1.0	577
115	Elc-Mch	BM	1.0	240
100	Cr-Wh.	103S	.8	900
100	*O. E.	ATD	.8	900
100	Westgh.		1.0	900
100	Ideal	BNB	1.0	900
100	O. E.	TS6184	1.0	450
60	O. E.	ATB	.8	1200
30	Fynn-W	16VRN		1200
18	Ideal			1800
18	Century	ARC365	1.0	1800
7½	Ideal			1800



SLIP RING

MOTORS

3 Phase, 60 Cycle, 220 or 440 Volts (*2200 volts or higher)

2000	*O. E.	MT-13	600
1500	*O. E.	MT20	240
1250	*Westgh	CW	600
1000	*Westgh	CS	250
700	*A. C.		720
600	*O. E.	1M	3600
600	*O. E.	MTP	1800
600	O. E	1M	720
500	Westgh.	CW	330
400	A. C	3-brg	450
400	*O. E.	MT412	450
300	*O. E.	IM18A	1800
300	*O. E.	MT410	450
250	Westgh.	HP15H	600
200	O. E	1M	1800
200	O. E.	IM15	1200
200	Westgh.	CW	600
150	Westgh.	CW772C	1200
150	*O. E.	IM16	600
125	*O. E.	MT649	1800
125	O. E.	IM19A	900
100	A. C.	ANY	900
100	O. E.	IM18A	450
75	Westco.	HW80	1800
75	O. E.	MT347	1200
75	O. E.	MT846	900
75	O. E.	1M	900
75	O. E.	1M	720
75	O. E.	IM14	600
60	Westgh.	CW762C	900
50	O. E	IM11A	1800
50	*A. C.	ARY	1800
50	Westgh.	CW836A	1200
50	O. E	MT348	720
50	O. E.	IM14	450
40	*O. E.	MT632	1200
40	O. E.	MT835	1200
40	Westgh.	CW644	900
40	O. E	M604U	900
35	Fbks-M.	UAB(Vert)	1800
35	O. E.	1M	1200

TRANSFORMERS

KVA	Make	Phase	Pri.	Sec.
1000	Westgh.	3	4800	480
850	Westgh.	3	4100	455
667	O. E.	1	33000	480
333	A. C.	1	14400	240/480
300	O. E.	3	13800	240/480
300	O. E.	3	2400	240/480
200	Wagner	1	2400	575
107	A. C.	1	2400	120/240
100	Pittsburgh	1	2400	575
100	A. C.	1	2400	120/240

CHICAGO ELECTRIC does a thorough rebuilding job. Another example of this is shown in the photo at the left . . . a 1000 H.P. Slip Ring Mill Motor. The illustration shows the motor stripped down preparatory to rewinding. Still, quality materials and pride of workmanship go into every Chicago Electric job. . . . Equipment rebuilding at its finest.

In addition to this outstanding rebuilding and repair service, Chicago Electric maintains one of the nation's largest stocks of guaranteed rebuilt power equipment. Whatever you need in the line of AC & DC MOTORS, M. G. SETS, GENERATORS, CONVERTERS, COMPRESSORS, HOISTS and other allied equipment you'll be sure to find it at CHICAGO ELECTRIC.

D. C. MOTORS

Mill Type—Pedestal Bearing Reversing

HP	Make	Volts	Speed
3000	Westgh(Tandem)	525	600
1750	Westgh	600	550
1800	Westgh	525	600
1200	Westgh	525	600
1000	Westgh	450	600

Mill Type—Non-reversing

HP	Make	Type	Speed
1500	Westgh (600v)		200/400
700	Westgh (600v)	MCF	150/625

230 Volts—Constant Speed

175	G. E.	ELC	750
125	G. E.	Marine	1200
100	G. E.	RC24	2500
100	G. E.	RC19	575
75	G. E.	MD8106	485
50	G. E.	CD-116	860
50	G. E.	RC28	700
40	Cr-Wh.	CMC	1750
50	G. E.	CO2004	600
35	Cr-Wh.	CM881	700
30	G. E.	MD104½	725
20	Cr-Wh.	CCM	440
25	G. E.	CD83	1200
25	G. E.	RC39	800
25	Westgh.	SK100L	1100
25	Westgh.	SK183	575

Many others—1 HP and up
Also Variable-Speed and 115 Volts

Phone: CAnal 6-2900

CHICAGO *Electric Co.*
1320 West Cermak Road, Chicago 8, Ill.