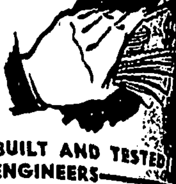
GET MORE FOR YOUR MONEY FROM

HEMPHILL GUARANTEED EQUIPMENT



GUARANTEED GOOD BECAUSE REBUILT AND TESTED

HEMPHILL ELECTRICAL ENGINEERS

TRANSFORMERS—60 Cycle

Qu.	KVA	Make	Type	Ph	Voltages
1	1500	GE	Pyranol	3	4160x2400
1	750	GE	HT	3	4160Yx120/240
1	500	Kuhl	OISC	1	4600x2300
1	400	Pitts.		1	2400/4800x240/480
1	333	GE	OISC	1	13200x220/440
1	333	West	OISC	1	2300/575
1	333	Bland	OISC	1	440x220
1	300	GE	HT	3	2300x220
1	200	Pitts.	ODSC	1	4000x110/120
1	200	Mol.	C	1	2300x220/440
1	200	Al. Ch.	OISC	1	480x120/240
1	150	Pitts.	OISC	1	240x120/240
1	100	West		1	13,200/-220/440
1	100	Wagner	HIB	1	240x120/130
1	100	Amer.		1	16000x2300
1	100	GE	Auto	1	4160Y2400Y
1	50	GE	H	1	2400/4800x120/240
1	50	GE	H	1	13750x115x216Y
1	50	Al. Ch.	ODSC	1	13530x120/240
1	50	Pitts.	Sub.	1	13830x120/240
1	50	Amer.	OISC	1	6600/11200x220/440
1	30	Amer.	WP	1	240x120/80
1	30	GE	KS	1	2300x230
1	37	GE	H	1	2200x110/220

SYNCHRONOUS MOTORS

Qu.	H.P.	Make	Speed	Type	Volts
1	800	El. Mach.	720	TRFC	2200
1	150	GE	720	ATI	2300
1	150	GE	1800	TS	220
1	150	Whse.	900		220

MOTOR GENERATOR SETS

Qu.	KW	Make	Speed	DC	AC
1	1000	Whse.	720	600	2300/4160 Syn.
1	1000	GE	514	600	2300/4160 Syn.
1	150	GE	1200	125/250	2300 Syn.
1	150	Whse.	900	125	4160 Syn.
1	125	CW	1200	125	220/440 SC
1	100	GE	900	250	2300 Syn.
1	85	GE	1200	60	4160 Syn
1	50	GE	900	250	220 Syn.
2	50	GE	1800	125	440 SC

SLIP RING MOTORS

Qu.	H.P.	Make	Speed	Type	Volts
1	400	Whse.	450	CW	550
1	250	Whse.	600	CW	440
1	200	Whse.	600	CW	440
1	200	GE	600	MT	440
3	150	AC	1800		2400
1	100	GE	600	IM	440
1	100	GE	400	IM	440
1	75	GE	600	IM	440

SLIP RING MOTORS—(Con't)

Qu.	H.P.	Make	Speed	Type
1	75	GE	1200	MT
1	60	GE	1750	MT
1	60	GE	900	MT
1	60	GE	1720	MT
1	50	Whse.	900	CW
1	50	GE	1700	MT
1	50	GE	900	MT
1	40	GE	1200	MT

REDUCTION GEAR

1—180 H.P. Terry Reduction, ratio 5.6:1 type 438 input 80 output RPM.

SPECIAL M.G., A.C. WELDER

1—176 KVA Whse., 220 V. 57 PF, 1200 1 ph., with 75 HP Slip Ring, 440 V, CW, Exc. & Control w. flywheel.

SPECIAL WELDING

1—150 KVA GE, type KWC, 1 ph., 550 V, sec. 12.22/6.05 V, Thyratron Spot and Seam, Control CR 7503

Member of the National Industrial Service Assn., Inc.

"FOR POWER"
J. L. HEMPHILL & CO
1504 33rd STREET, NORTH BERGEN
PHONE NEW YORK—LONGACRE
PHONE NEW JERSEY—UNION

A FEW OF OUR SPECIALS

TURBO UNITS, Non-Condensing

937 KVA GE 480/240 v. 150/200# & 0/15# bp
375 KVA Al. Chal. 240/480 v. 135/150# & 0/25# bp
125 KVA GE 240/480 v. 135/200# & 0/25# bp

BOILERS

3—45000# BW 275# Integral furnace F19. "1937"
2—30000# Combustion 2 drum, package type. 250# "1949"
1—309 HP Combustion 3 drum, 160# "1940"
1—256 HP Combustion 150#, semi-portable. "1950"
2—255 HP Combustion, 200# 3 drum. "1937"
1—125 HP Erie City, 200# self contained "1947"

DIESEL UNITS

875 KVA Wghse.-DeLaverne, 2300/480/240 v. "1941"
512 KVA GE 2300/480/240 v. Worthington "1945"
125 KVA (2) General Motors, 1200 rpm Model 268A, 480/240 volts; dir. con. Exciters, Switchgear, (New, never operated)

STEAM ENGINE UNITS, A.C.

375 KVA (2) Wghse—Skinner Uniflow
187 KVA Wghse.-Ames Uniflow (vertical)
150 KVA GE-Skinner Uniflow
75 KVA GE-Ames Uniflow

POWER PLANT EQUIPMENT CO., INC. 39 Cortlandt St.
New York, N. Y.

SUPERIOR DIESEL GENERATOR SETS

100 KW

30 sets available. ENGINE: 8 cylinder, 150 H.P.—5½x7 GENERATOR: 120/240 volts D.C., 417 amps., stabilized shunt, electric starting.

WRITE — WIRE — PHONE

THE BOSTON METALS CO
313 E. Baltimore Street
Baltimore 2, Md.
Curtis 5050

-TRANSFORMERS-

BOUGHT AND SOLD

We carry a large stock of transformers, and invite your inquiries. New Transformers built to your specifications.

PIONEER TRANSFORMER REBUILDERS

We rewind, repair and redesign all makes and sizes.
One Year Guarantee.

THE ELECTRIC SERVICE CO., INC.
"AMERICA'S USED TRANSFORMER CLEARING HOUSE"
SINCE 1912 CINCINNATI 27, OHIO

REFRIGERATION UNITS

TWO PRACTICALLY NEW WORTHINGTON CARBONDALE

REFRIGERATION COMPRESSORS

300 Ton

Ideal for large plant or office building

WILL SACRIFICE

WINSTON MACHINERY CO., INC.
326 WEST OHIO STREET
INDIANAPOLIS, INDIANA

MOTORS • GENERATORS • TRANSFORMERS

AIR COMPRESSOR

7x7 Class ERI—100#—with drive.

KW Westinghouse 500 V. DC 750 Amps. Motor—580 H. P. Synchro 3 Ph. 25 cycle 440 V. 750 RPM.

ANODIZING M.G. SET

Gen. Elect. Type BR. Form C 60 V. DC Direct connected to 50 HP 3/60/440/ Gen. Elect. Motor.

400 HP GEAR REDUCER

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

400 HP SYNCH. MOTOR

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

55" LIFTING MAGNETS

Cutler Hammer Magnets 230 Volts DC. Excellent Condition.

350 KW GENERATORS

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 3/60/220/440/435 RPM.

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

100 HP Gen. Electric Type KT 356 3/60/2200/900 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 3/60/440/300 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 3/60/440/600 RPM.

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

T.E.F.C. MOTORS

60 HP Westinghouse CS-607 3/60/440/900 X-Proof

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

2—20 HP Louis Allis ES. 365 3/60/220/440/1800 X-Proof

15 HP Louis Allis EX-364 360/220/440/1800 X-Proof.

125 VOLT DC MOTORS

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

1—150 HP Crocker Wheel 125 Volt DC 850 RPM Ball Bearing.
Will make 1200 RPM 125 Volt Generators.

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

333 KVA TRANSFORMERS

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

REBUILT TRANSFORMERS

3—100 KVA Pittsburgh 1/60/4800/230/460

3—75 KVA Pittsburgh 1/60/2300/4000Y/230/460

3—50 KVA Moloney 1/60/4800/230/460

3—50 KVA Westinghouse Type S. 1/60/2300/230/460

3—100 KVA G.E. 1 ph., 60 cy. 2400/4160 pri. 120/240 sec.

3—1667 KVA Wagner 1 ph., 25 cy. 23,000 pri., 575 sec.

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

STEAM TURBINE GENERATOR UNITS

3 Phase, 60 Cycle

KVA Westinghouse condensing, 200/400 lbs. steam pressure, 700° FTT, 2400 volts, with surface condenser.

KVA General Electric noncondensing, 250 lbs. steam pressure, 700° FTT, 15 lbs. exhaust, 2300 volts.

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UNIFLOW GENERATOR UNIT

3 Phase, 60 Cycle

KVA Allis generator, 240/480/600/2300/4160 volts, 277 RPM direct connected to vertical uniflow steam engine, 160-225# pressure, 5# exhaust.

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BOILERS

steam per hour (2) Foster Wheeler, package type marine, 435# pressure, Oil fired.

steam per hour (3) B. & W., 275# pressure. Pulverized fuel.

steam per hour (2) Combustion Engineering, package type, 250# pressure. Oil fired.

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GENERATORS

3 Phase, 60/240 Cycle

KVA G.E. 60 cycle, 2400/480 volts, 3600 RPM.

KVA (3) G.E. 240 cycle, 4160 volts, 4800 RPM.

KVA G.E. 90 cycle, 2400 volts, 5400 RPM.

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GASOLINE GENERATOR UNIT

3 Phase, 60 Cycle

KVA G.E. generator, 2300 volts, 1200 RPM direct connected to 100 HP Winton gasoline engine.

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INTERNATIONAL POWER MACHINERY COMPANY
Commerce Bldg., Cleveland 14, Ohio
Telephone: MAin 1-9514

Anything in ELECTRICAL EQUIPMENT

PARTIAL STOCK LIST — SEND US YOUR INQUIRIES

MOTOR GENERATOR SETS

150 KW Westinghouse 275 V. D.C. 3/60/2300-1200 RPM

150 KW Allis Chalmers 275 V. D.C. 3/60/2300-1200 RPM

ROTARY CONVERTERS

1000 KW. G.E. 600 V. D.D. 900 RPM, 6 PH. Interpole, Type HCC with transformers 13,800 V

4—500 KW WH 600 V. D.D. 1200 RPM, 6 PH. Interpole, Type HCC, with transformers 27,000 V. Automatic switchboards and automatic brush lifters.

SYNCHRONOUS MOTORS 3/60/2300

3—125 HP G.E. Type TS. Form PK. P.F.—1—900 RPM

1—175 HP G.E. Type ATI. Form PB. P.F.—1—450 RPM

1—400 HP W.H. Form 15, P.F. .8—P.S. 900 RPM

6—175 HP W.H. P.F.—1—3600 RPM, 440 V

T.E.F.C. — MOTORS

QTY.	HP	MFD.	FRAME	RPM	TYPE
1	40	Cent.	444	1750	SC
3	30	Armour	445	900	K
1	30	F.M.	405	1800	Q
1	25	Delco	403	860	
10	15	G.E.	326	1800	KOXP
15	5	W.H.	254	1750	CS
17	3	Cent.	284	1150	SDXP
8	3	G.E.	225	1750	KOXP
7	3	G.E.	225	1750	KOXP

MOTORS, GEAR HEAD A.C.

3 HP Link Belt, Size DM30, XP, 3/60/220/440-45 RPM—R.B.

5 HP Link Belt, Size DM76, 3/60/220/440-64 RPM—R.B.

7½ HP W.H. TEFC, 3/60/220/440-380 RPM—R.B.

20 HP Link Belt, Size DM70, 3/60/220/440-74 RPM—R.B.

20 HP W.H. TEFC, 3/60/220/440-194 RPM—R.B.

40 HP G.E. TEFC, 3/60/220/440-501 RPM—R.B.

GEAR REDUCERS

1—Falk, Type 11HCP, 200 HP, Ratio 16:1

BUCKEYE
Trading Corporation
LARGEST STOCK IN MIDWEST
1015 to 1021 PAPIN STREET CHESTNUT 1115 ST. LOUIS 2, MISSOURI