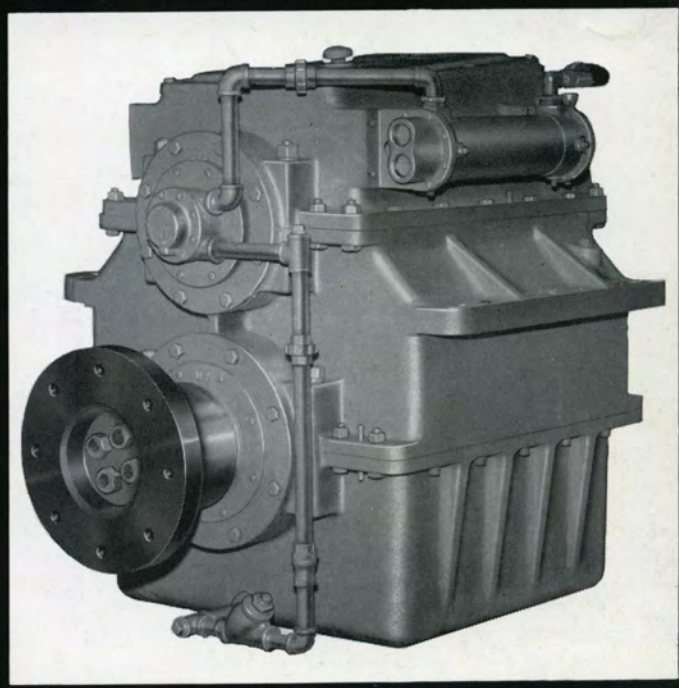
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LUFKIN herringbone MARINE GEARS



with the "P-R plus" features...



MARINE REDUCTION GEAR Bulletin G-6

The Standard of Excellence

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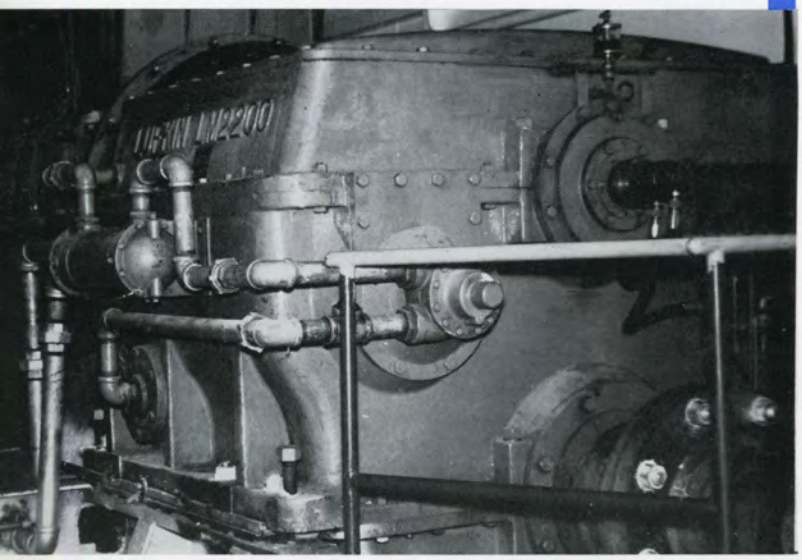
The Standard of Excellence

for QUIET... DEPENDABLE... GEAR LIFE

HERRINGBONE MARI

with the Precision Ruggedness

Years of experience have proven to Lufkin the wisdom of using PRECISION-RUGGEDNESS features in gear designs for tough service. Lufkin knows no combination of design factors better than these "P-R PLUS" features for producing a quiet dependable marine gear.



2000 HP Reverse-Reduction Gear

GENERAL INFORMATION

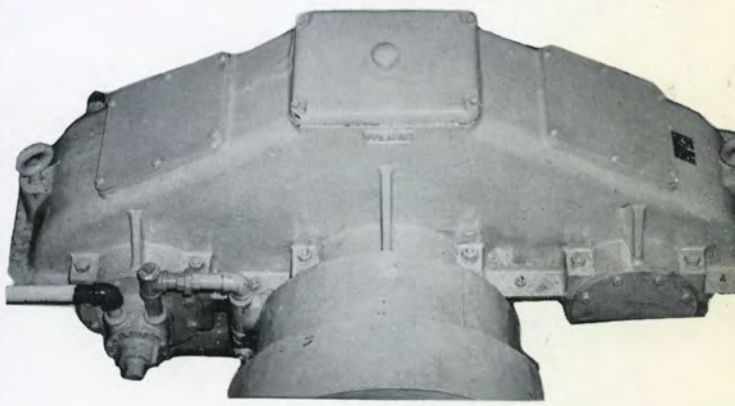
Lufkin offers a complete line of Marine Gears covering:

- 500 TO 3000 HORSEPOWER
- STANDARD RATIOS 1.5 THROUGH 5.0
- REVERSE-REDUCTION GEARS
- REVERSE-REDUCTION COMPOUNDS
- REDUCTION GEARS
- REDUCTION GEAR COMPOUNDS

Reduction gears in vertical, horizontal offset and in-line shaft arrangements . . . Reverse gears with either air or hydraulic clutches . . . Twin and Quad Compound arrangements . . . Built to ABS and Lloyd's standards.



Two—600 HP
Reverse-Reduction Gears



1200 HP Compound

For specific information, contact

LUFKIN FOUNDRY & MACHINE COMPANY

P. O. Box 58, Lufkin, Texas

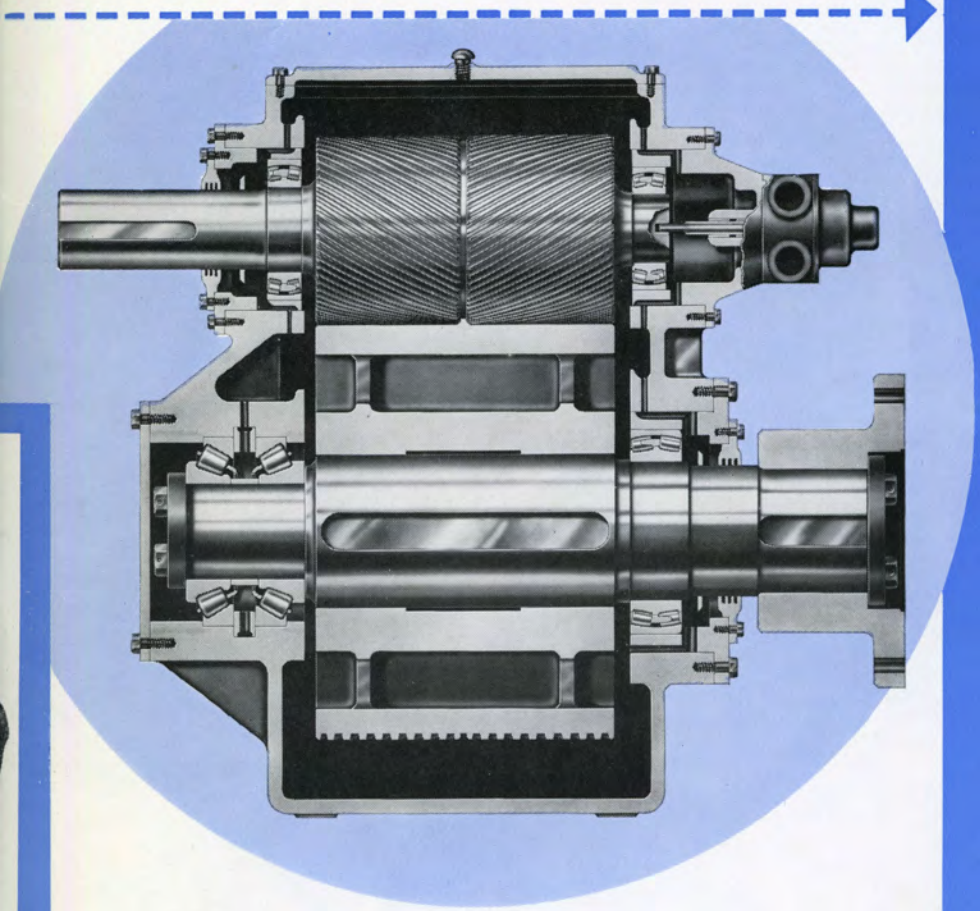
or the nearest Lufkin Branch Office.

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NE REDUCTION GEARS

PLUS *features . . .*



PRECISION MEANS:

- QUIETNESS
- EXACT TOOTH SPACING
- ABSOLUTE PARALLELISM
- TOOTH INVOLUTE PERFECTION
- EXACT HELIX ANGLE

RUGGEDNESS MEANS:

- CONSERVATIVE GEARING PROPORTIONS
- EXTRA HEAVY HOUSING
- QUALITY LONG-LIFE BEARINGS
- LOW UNIT TOOTH LOADINGS
- HIGH SHOCK CAPACITY
- BEARING CARRIERS
- GENEROUS SHAFTING

Salient Features of: Lufkin Marine Reduction Gears . . .

GEARING . . .

Precision Sykes herringbone . . . generated with extreme care and accuracy . . . heat-treated high tensile steels . . . finished to a perfect involute contour . . . exact tooth-to-tooth spacing.

HOUSING . . .

Rugged heavy-duty construction . . . well ribbed and stiffened . . . heavy sectioned members . . . cast or fabricated . . . jig bored . . . exact centers . . . absolute shaft parallelism.

SHAFTING . . .

Alloy steels . . . generous diameters . . . low working stresses.

BEARINGS . . .

Conservatively rated . . . quality long-life spherical self-aligning radial bearings . . . full capacity thrust bearing . . . either anti-friction or the multiple shoe type.

LUBRICATION . . .

Positive protection from dual systems . . . both splash-gravity and direct-driven pump circulation.

SERVICEABILITY . . .

Horizontal split housing for all shafting . . . bearing carrier design.

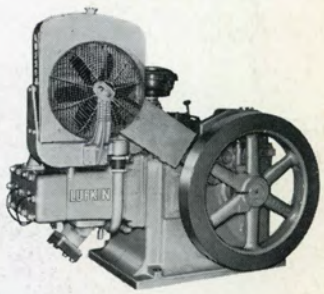
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GENERAL HISTORY. . .

LUFKIN FOUNDRY & MACHINE COMPANY, one of the largest modern heavy machinery manufacturers in the Southwest, has been marketing a line of superior products for more than 50 years. With its integrated facilities, broad skills and advanced designs, LUFKIN looks forward to the challenging future with confidence in its ability to serve ALL . . . WELL.



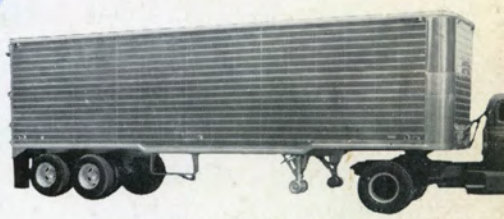
OIL FIELD DIVISION



GAS ENGINE DIVISION



GEAR DIVISION



TRAILER DIVISION



LUFKIN GEARS

Division of: **LUFKIN FOUNDRY & MACHINE CO.**

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