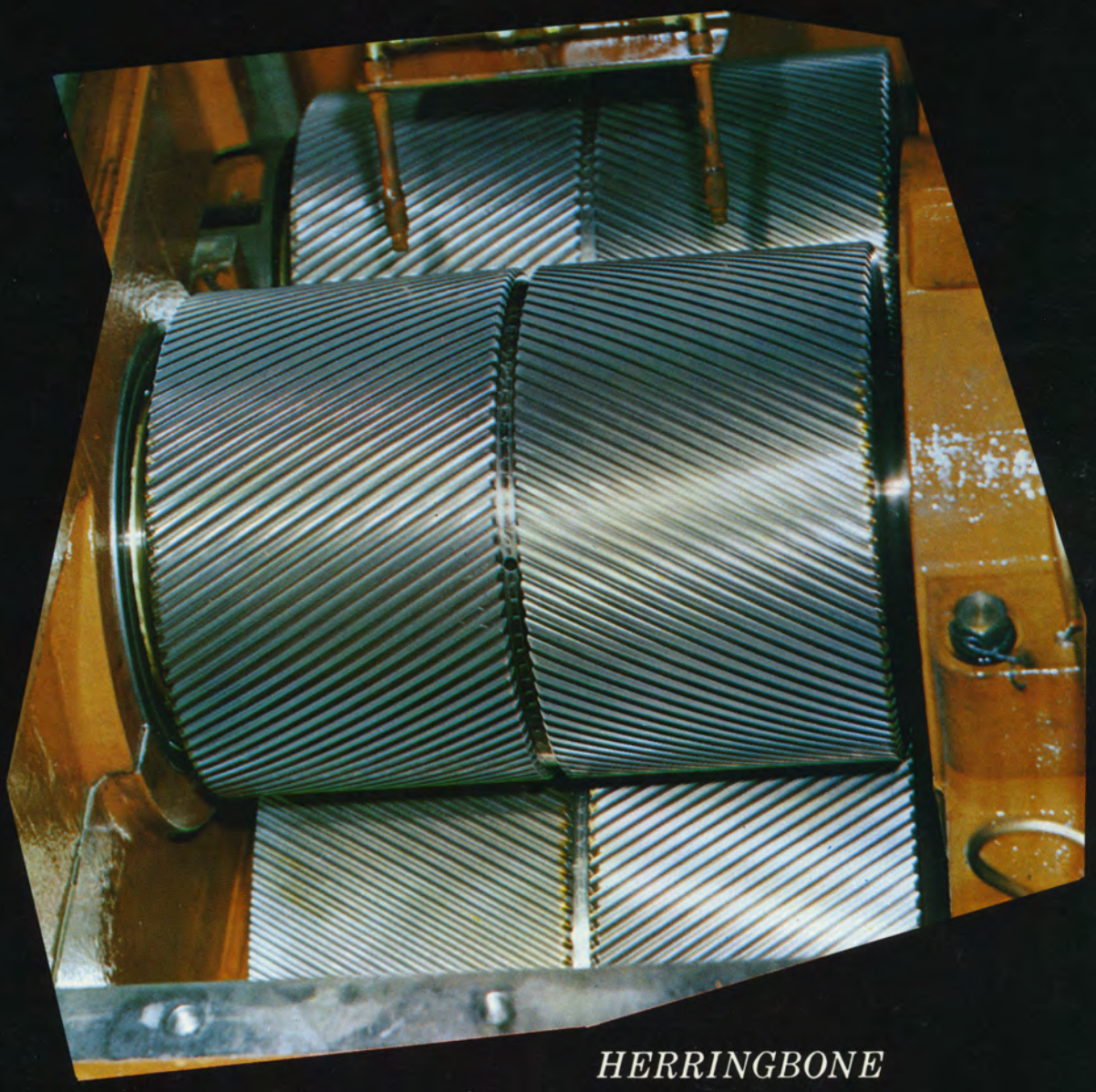
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LUFKIN GEAR

DIVISION OF
LUFKIN FOUNDRY
AND MACHINE CO.

The Standard of Excellence



General Information Bulletin G-9

HERRINGBONE

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LUFKIN GEARS



The Standard of Excellence

2C 78

General History

Gearing was a natural for Lufkin Foundry & Machine Company. Building upon its heavy machinery manufacturing experience, the Gear Division of Lufkin was launched when the company pioneered the first herringbone geared oilfield pumping unit.

The backbone of a pumping unit is its gear reducer. The severity of this heavy shock application is generally recognized as one of the toughest in the gear industry. Lufkin's early "hell-for-stout" design approach in successfully solving this gear application laid the foundation stone upon which the Gear Division expanded.

Personnel

As an individual possesses personality and character, so does a corporation, or product. No product or corporation, however, is better than the people backing it up. Lufkin takes great pride in the people **selected to serve you.**

Designs of Dynamic Dimensions

Lufkin Gears are designed to maximum standard of performance and not to minimum requirements of life and acceptablity. Alive to the needs of each industry, and covering a magnitude of requirements, Lufkin's dynamic designs are **geared for your work!**

Value, from Everlasting Excellence

Rugged conservative Lufkin Gearing, built to Standards of Excellence, insures maximum service-free life, minimum overall cost, and **your greatest value.**

Confidence . . . thru Proven Performance

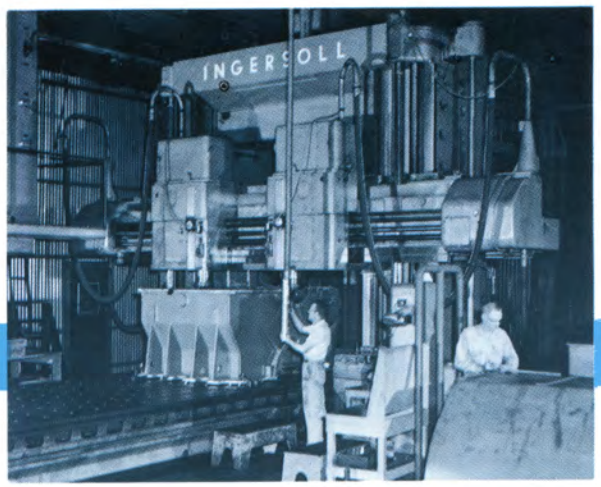
AGMA

General Information Bulletin G-9

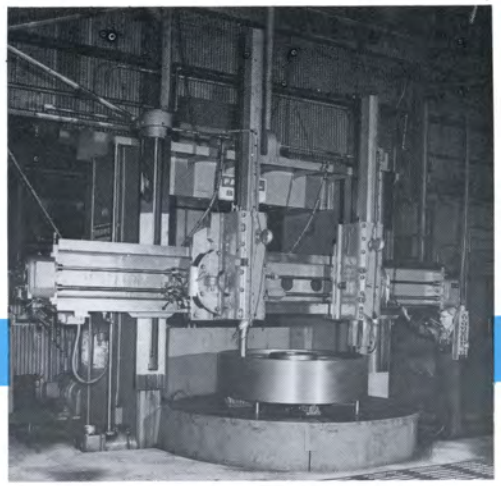
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LUFKIN GEARS

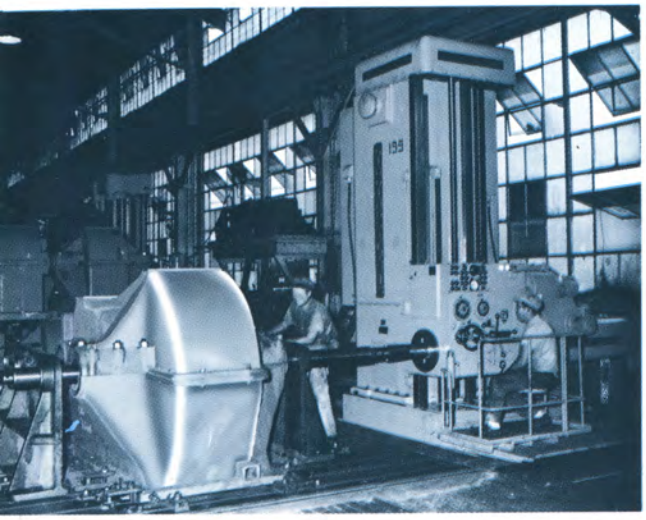
Value . . .
from Everlasting Excellence



9-ft. by 26-ft. Slab Miller

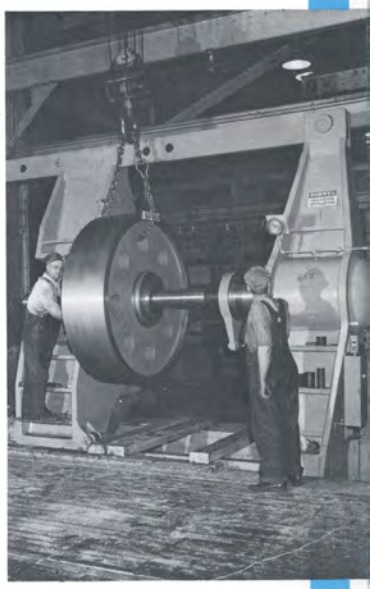


10-ft. Vertical Boring Mill

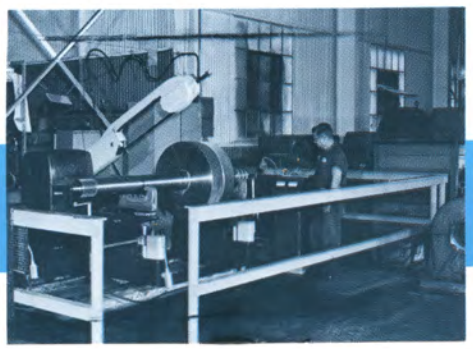


Horizontal Boring Mill

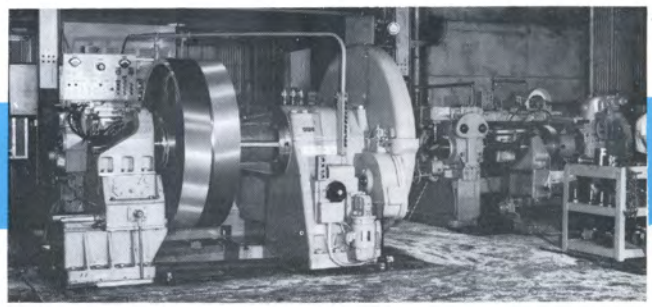
MODERN MACHINE TOOLS AND MEN OF SKILL



10-ft. 500-Ton
Hydraulic Wheel Press



10-ft. Dynamic Balancer



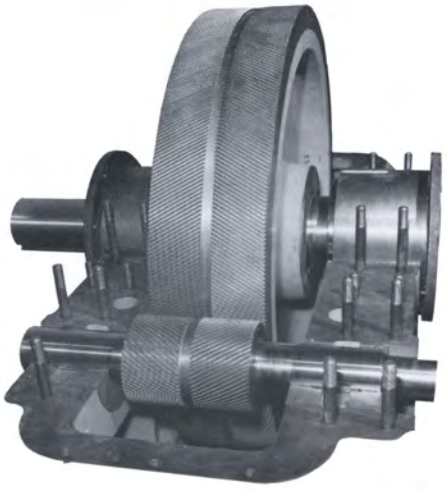
10-ft. Sykes Herringbone Gear Generator

Service Commensurate With Your Needs

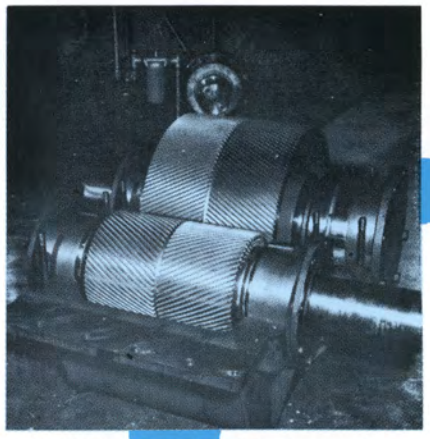
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LUFKIN GEARS

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LUFKIN N-3010-A
High Speed Gearing

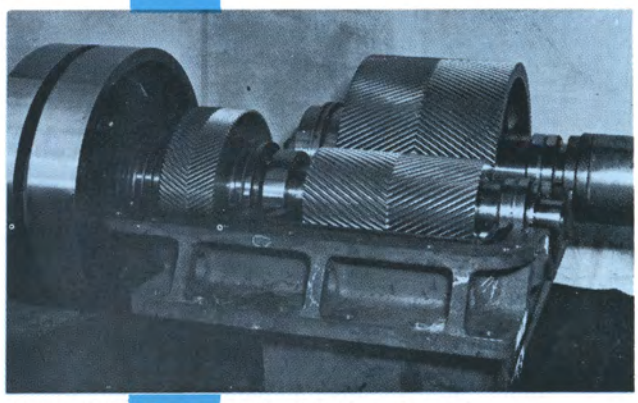


LUFKIN H-2529 Horizontal
Marine Reduction Gear

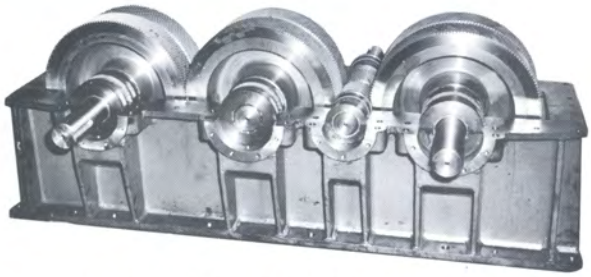
TYPICAL LUFKIN HERRINGBONE GEARS



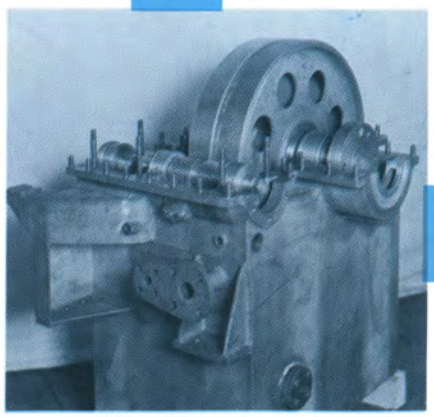
LUFKIN Cutterhead Bull Gear



Navy LST Reverse Reduction Gear



LUFKIN NC-6011 High Speed Compound



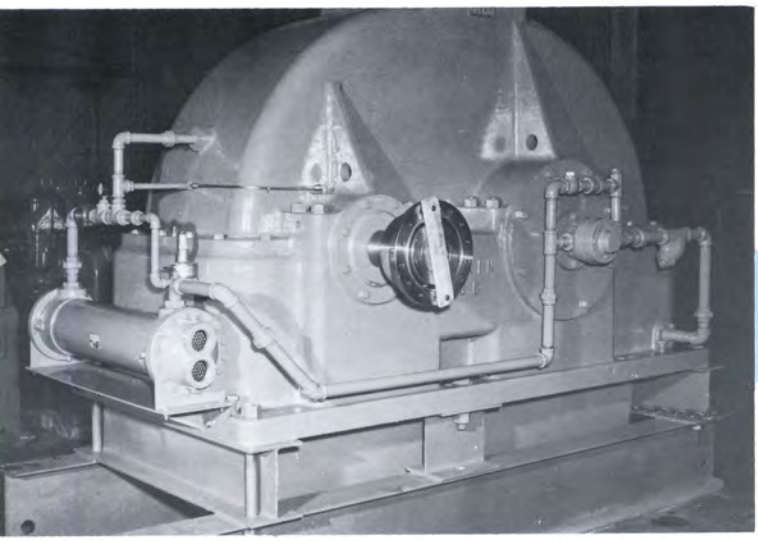
Navy Turbo-Generator Single
Reduction High Speed Reducer

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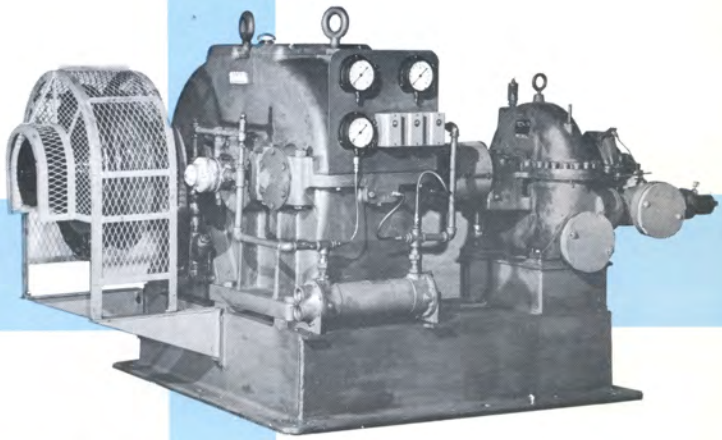
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LUFKIN GEARS

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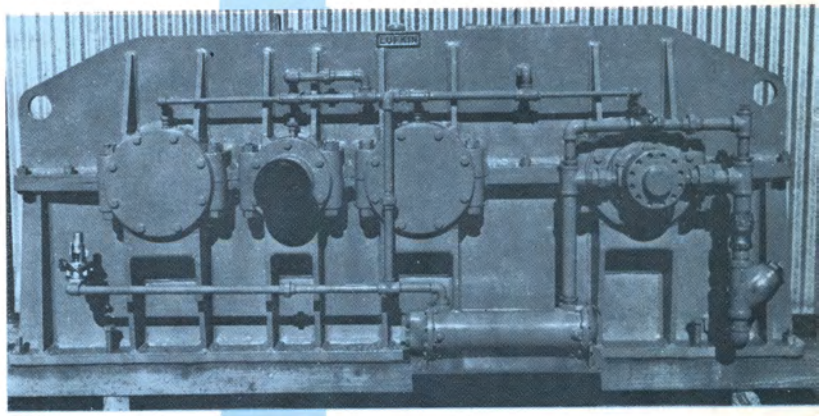
LUFKIN N-3821 Single Reduction High Speed Increaser

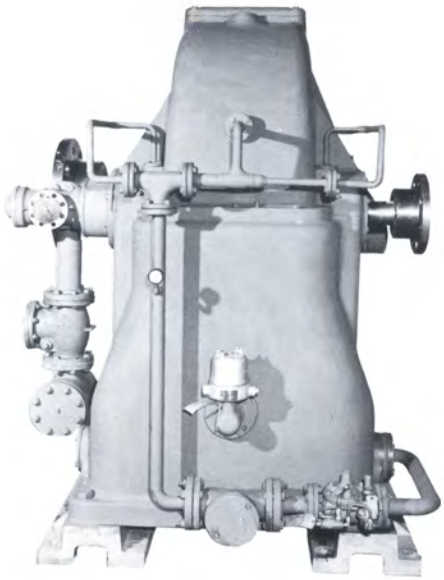


LUFKIN N-290 Double Reduction High Speed Reducer

LUFKIN HIGH SPEED GEARS

LUFKIN NC-6011 High Speed Compound





LUFKIN N-3314A
Single Reduction
High Speed Increaser



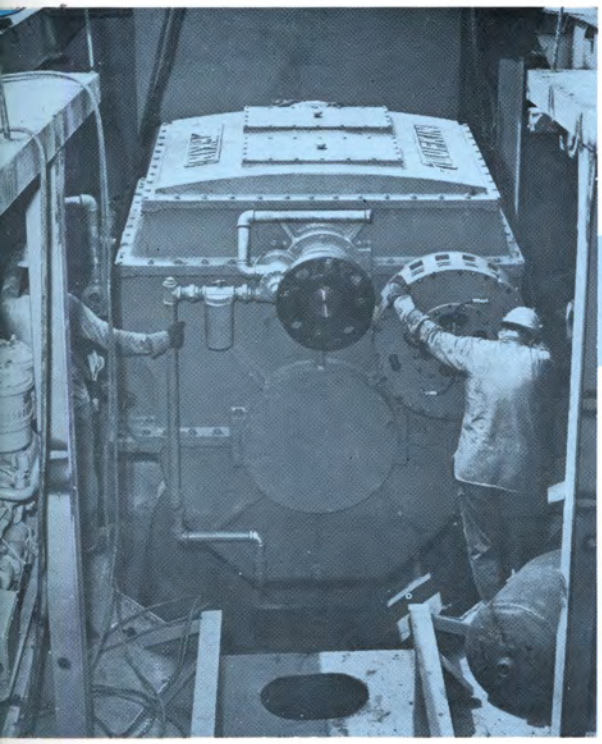
LUFKIN N-168A
Single Reduction
High Speed Increaser

Service Commensurate With Your Needs

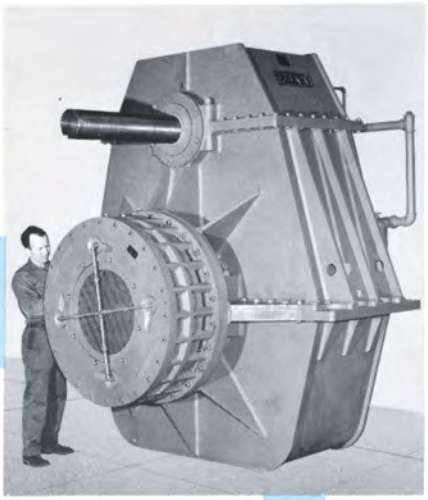
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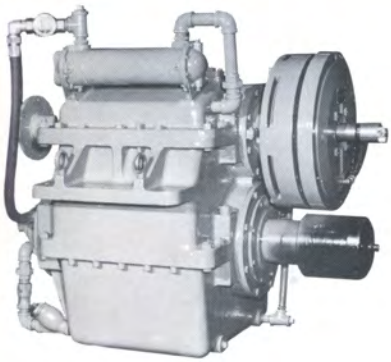


LUFKIN RS-4222
Reverse Reduction Gear
being lowered into
Hull of Navy YTB Tug

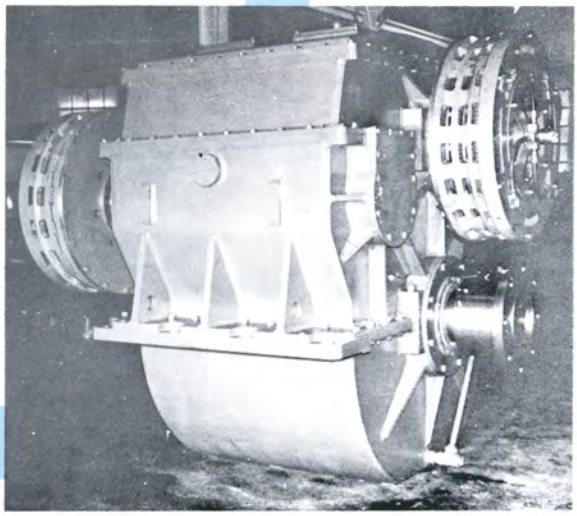


LUFKIN V-4824 Reduction Gear
With Integral Tailshaft Brake

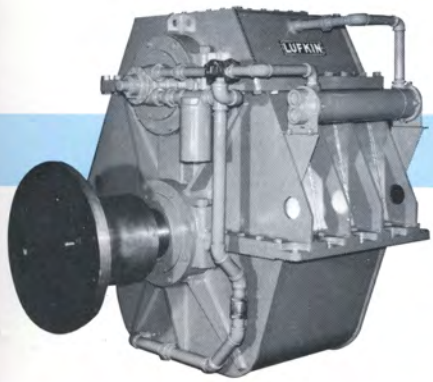
LUFKIN MARINE GEARS



LUFKIN V-1614 Marine
Reduction Gear with
Torsionally Resilient
Torque Shaft Drive
and Disconnect Clutch



LUFKIN RS-3620 Reverse Reduction Gear



LUFKIN V-3024 Marine
Reduction Gear with
Modification for Controllable Pitch
Propeller Adaptation

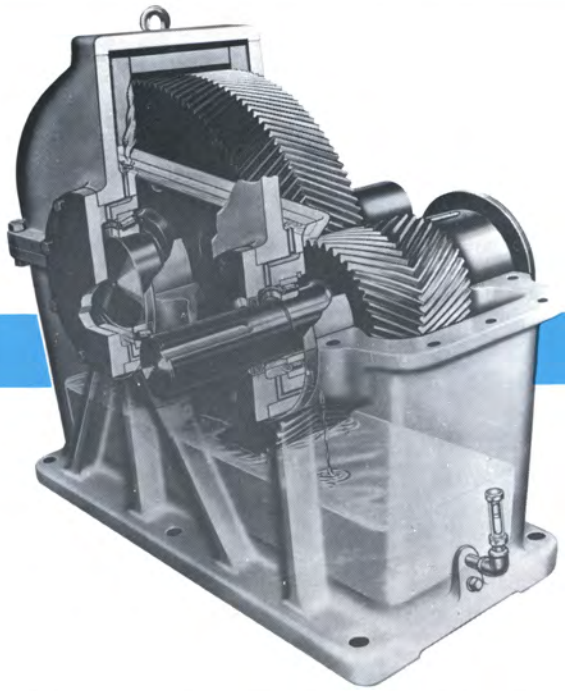
Confidence, thru Proven Performance

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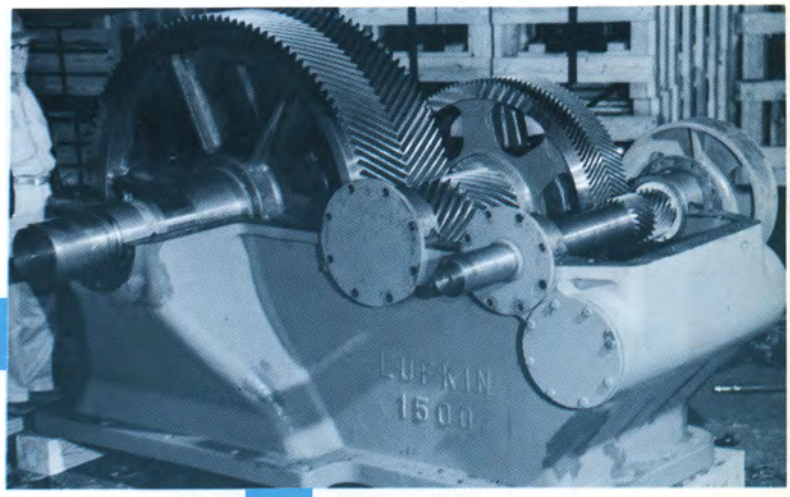
LUFKIN GEARS



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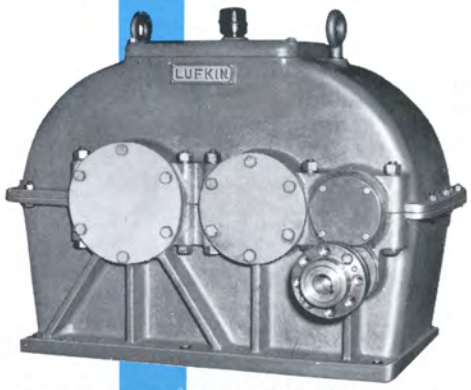


LUFKIN Type "S" Single Reduction Herringbone Gear Reducer Cutaway



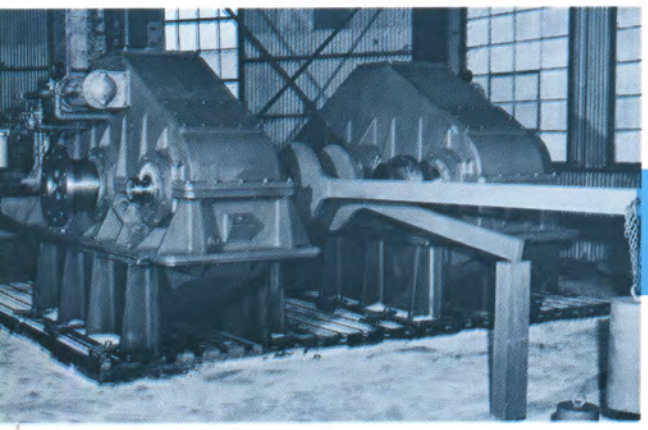
The World's Largest Oilfield Pumping Unit Reducer, Double or Triple Reduction

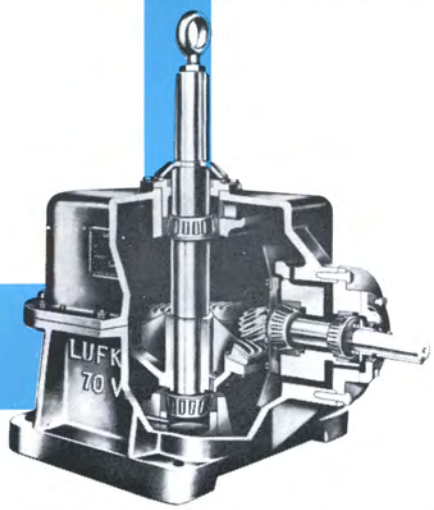
MISCELLANEOUS STANDARD LUFKIN UNITS



LUFKIN T-195 Triple Reduction Unit

Inducing Locked Torque for Dynamic Full Load Test on Two C-8414 Compounds





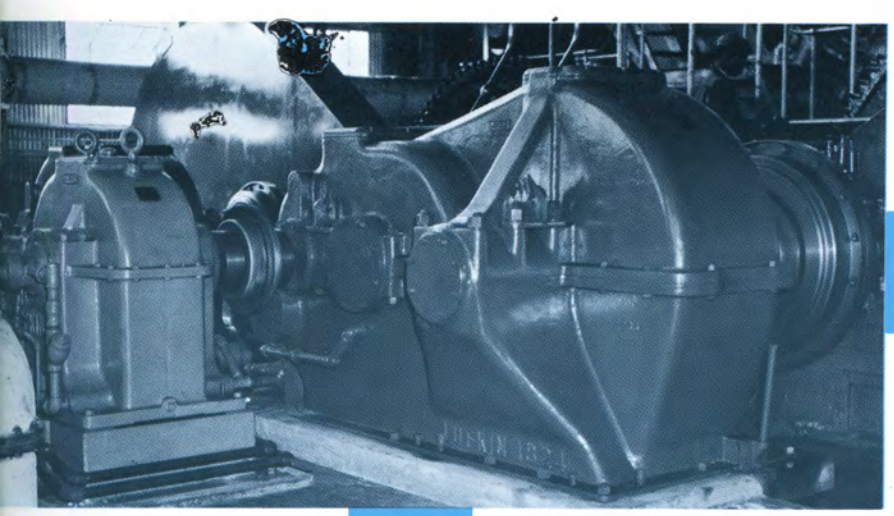
LUFKIN Type "VB" Spiral Bevel Gear Reducer Cutaway

Service Commensurate With Your Needs

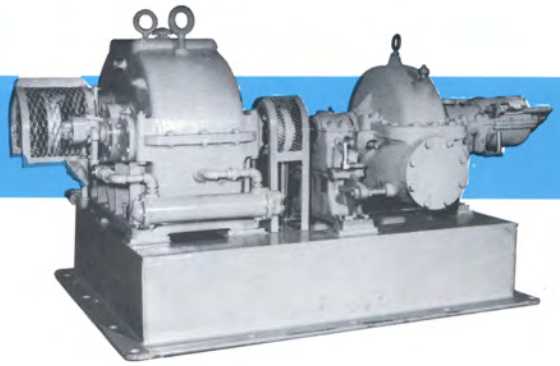
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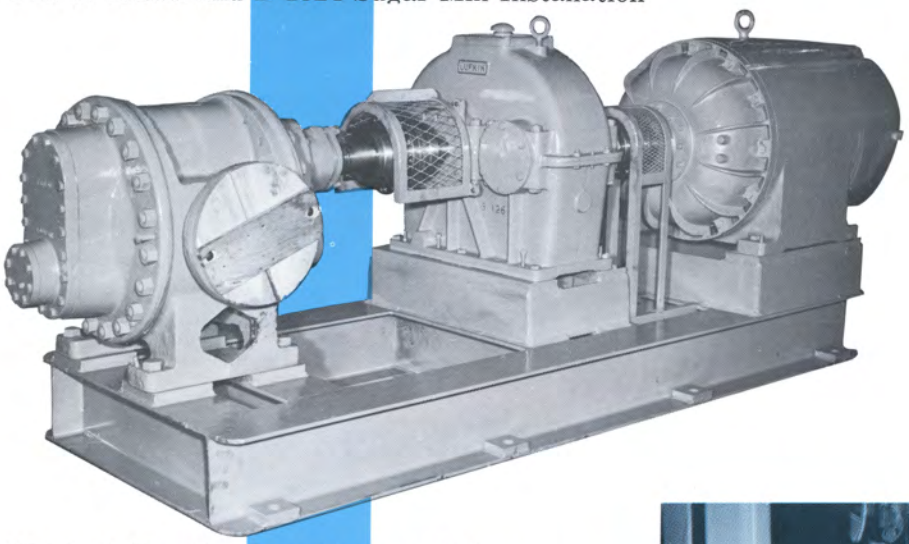


LUFKIN N-1810A and D-1824 Sugar Mill Installation

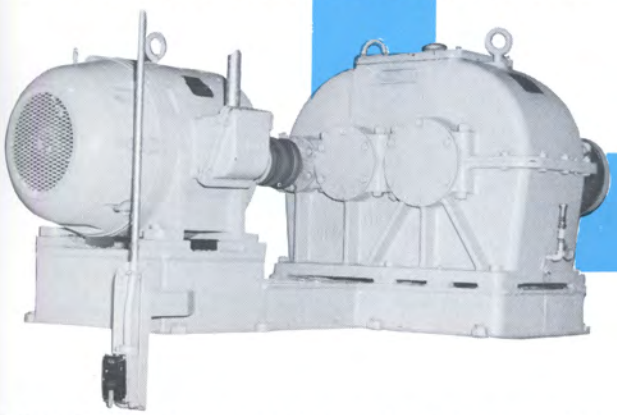


LUFKIN M-195A with Turbine & Base

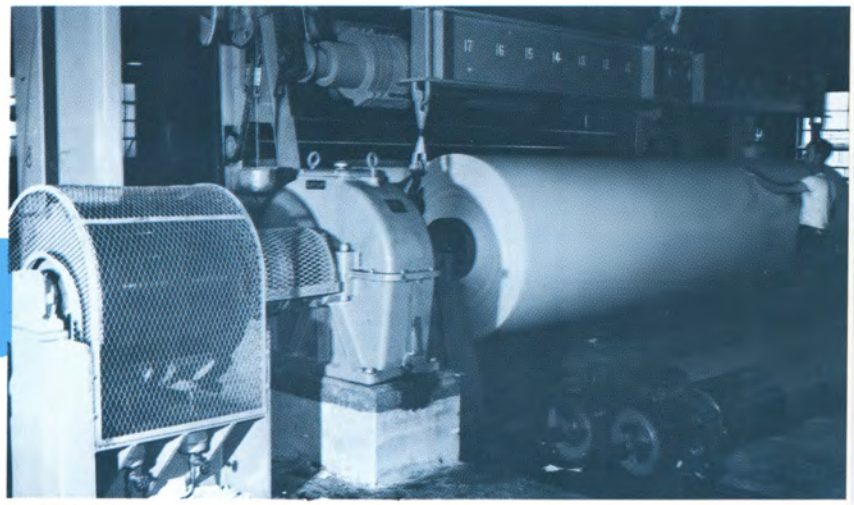
SOME TYPICAL UNITIZED PACKAGES



LUFKIN S-126B with Motor Pump and Base



LUFKIN D-195 Installation with Motor and Base



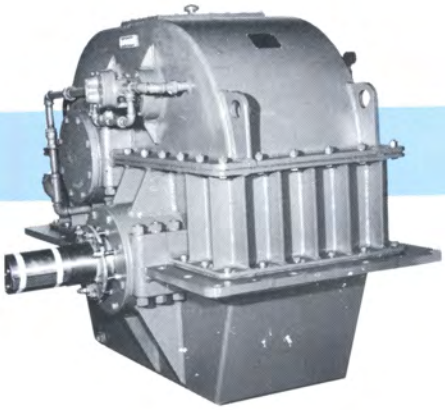
LUFKIN S-189 Paper Mill Installation

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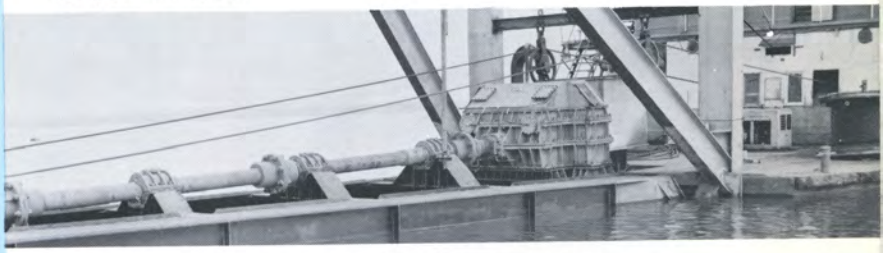


LUFKIN DV-24 Shell Dredge Cutterhead Reduction Gear

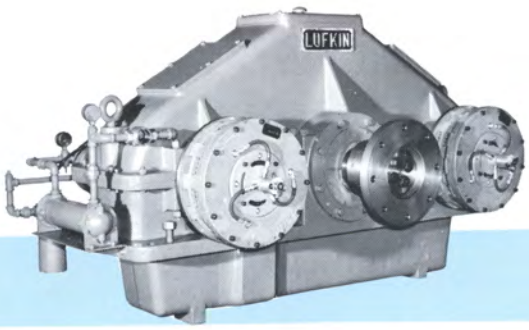


LUFKIN DC-3620 Hydraulic Dredge Cutterhead Reduction Gear

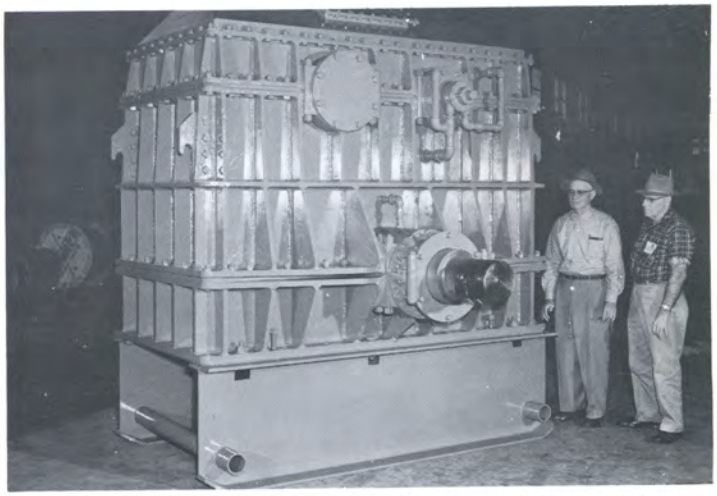
LUFKIN DREDGE GEARS



LUFKIN DC-3620 Cutterhead Installation



LUFKIN CSQ-6000 Reduction Compound Gear with Torsionally Resilient Torque Shaft Drive and Disconnect Clutches.



LUFKIN DV-4420 Hydraulic Dredge Cutterhead Reduction Gear

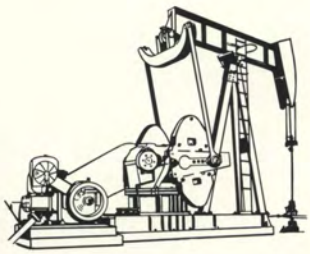
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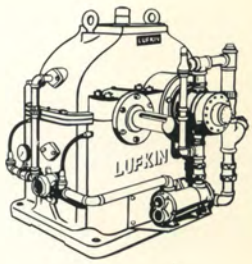
LUFKIN... MILESTONES OF GROWTH

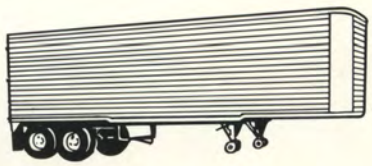
Lufkin Foundry & Machine Company founded 1902 as a repair shop for sawmill and railroad machinery . . . guided by progressive leadership . . . gifted with technical ability . . . located strategically in the growing Southwest . . . of humble origin . . . this company has grown proudly in scope and stature with the advent of each new manufacturing division.



OILFIELD DIVISION 1923

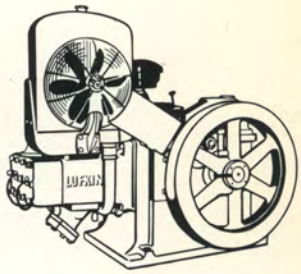
GEAR DIVISION 1939





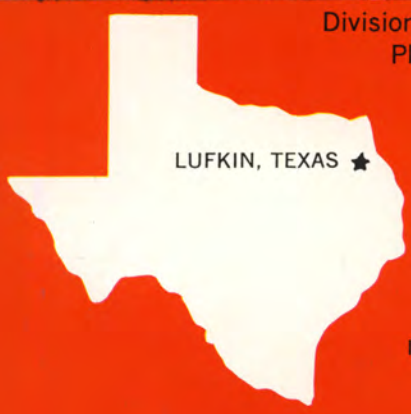
TRAILER DIVISION 1939

ENGINE DIVISION 1948



LUFKIN GEAR TODAY

Division of: Lufkin Foundry & Machine Company
Plant & General Offices: Lufkin, Texas



Domestic Branch Offices

Houston • New York • Chicago • Cleveland
Los Angeles • Dallas • Denver • Tulsa
Midland, Texas • Lafayette, La. • Corpus Christi • Kilgore • Hobbs and Farmington, New Mexico

International Offices

Maracaibo and Anaco, Ven. • Buenos Aires • Rio de Janeiro • Talara, Peru
La Paz, Bolivia • Mexico City
Edmonton, Canada

One of the largest modern heavy machinery manufacturers in the U.S.A,. Lufkin Foundry and Machine Company, with its integrated facilities, broad skills, and dynamic designs, looks forward to the challenging future with confidence in its ability to serve ALL . . . WELL.