

Global Flat Top Tower Crane Market Research Report 2016-2026

https://marketpublishers.com/r/G97C40C4A8B7EN.html

Date: December 2021 Pages: 82 Price: US\$ 1,800.00 (Single User License) ID: G97C40C4A8B7EN

Abstracts

SUMMARY

The global Flat Top Tower Crane market will reach xxx Million USD in 2021 with CAGR xx% 2021-2026. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Max. Load Capacity Below 30t

Max. Load Capacity 30-50t

Max. Load Capacity Above 50t

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Liebherr

Sany Group

SCHWING



Zoomlion Heavy Machinery Co. Ltd.

PUTZMEISTER

KCP Heavy Industries

XCMG Co. Ltd.

Concord Concrete Pumps

Anhui Hualing Automobile Group Co Ltd.

Fangyuan Group Inc.

Shantui Construction Machinery Co. Ltd.

Alliance Concrete Pumps Inc.

Terex Corporation

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Industrial

Commercial

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America



Middle East & Africa



Contents

1 MARKET OVERVIEW

1.1 Objectives of Research
1.1.1 Definition
Figure Flat Top Tower Crane Picture
1.1.2 Specifications
Table Product Specifications of Flat Top Tower Crane
1.2 Market Segment
1.2.1 by Type
Table Products Segment of Flat Top Tower Crane
Table Global Flat Top Tower Crane Market by Type, 2016-2026 (USD Million)
1.2.1.1 Max. Load Capacity Below 30t
Table Max. Load Capacity Below 30t Overview
1.2.1.2 Max. Load Capacity 30-50t
Table Max. Load Capacity 30-50t Overview
1.2.1.3 Max. Load Capacity Above 50t
Table Max. Load Capacity Above 50t Overview
1.2.2 by Application
Table Application Segment of Flat Top Tower Crane
Table Global Flat Top Tower Crane Market by Application, 2016-2026 (USD Million)
1.2.2.1 Industrial
Table Industrial Overview
1.2.2.2 Commercial
Table Commercial Overview
1.2.3 by Regions
Table Global Flat Top Tower Crane Market by Region, 2016-2026 (USD Million)
2 INDUSTRY CHAIN
2.1 Industry Chain Structure
Figure Industry Chain Structure of Flat Top Tower Crane
2.2 Upstream
Table Cost of Flat Top Tower Crane
Figure Manufacturing Process of Flat Top Tower Crane
2.3 Market

2.3 Market 2.3.1 SWOT

Figure SWOT of Flat Top Tower Crane



2.3.2 Dynamics Table Market Dynamics

3 ENVIRONMENTAL ANALYSIS

3.1 Policy
Table Policy of Flat Top Tower Crane
3.2 Economic
Table GDP of Major Countries
3.3 Technology
Table Technology of Flat Top Tower Crane
3.4 Market Entry
Table Market Entry of Flat Top Tower Crane

4 MARKET SEGMENTATION BY TYPE

4.1 Market Size

4.1.1 Max. Load Capacity Below 30t Market, 2016-2020 Figure Max. Load Capacity Below 30t Market Size and Growth, 2016-2020 (USD Million)

Figure Max. Load Capacity Below 30t Market Size and Growth, 2016-2020 (in Volume) Table Max. Load Capacity Below 30t CAGR by Revenue and Volume, 2016-2020

4.1.2 Max. Load Capacity 30-50t Market, 2016-2020

Figure Max. Load Capacity 30-50t Market Size and Growth, 2016-2020 (USD Million) Figure Max. Load Capacity 30-50t Market Size and Growth, 2016-2020 (in Volume) Table Max. Load Capacity 30-50t CAGR by Revenue and Volume, 2016-2020

4.1.3 Max. Load Capacity Above 50t Market, 2016-2020

Figure Max. Load Capacity Above 50t Market Size and Growth, 2016-2020 (USD Million)

Figure Max. Load Capacity Above 50t Market Size and Growth, 2016-2020 (in Volume) Table Max. Load Capacity Above 50t CAGR by Revenue and Volume, 2016-2020 4.2 Market Forecast

4.2.1 Max. Load Capacity Below 30t Market Forecast, 2021-2026

Figure Max. Load Capacity Below 30t Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Max. Load Capacity Below 30t Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Max. Load Capacity Below 30t CAGR by Revenue and Volume, 2016-20264.2.2 Max. Load Capacity 30-50t Market Forecast, 2021-2026



Figure Max. Load Capacity 30-50t Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Max. Load Capacity 30-50t Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Max. Load Capacity 30-50t CAGR by Revenue and Volume, 2016-2026

4.2.3 Max. Load Capacity Above 50t Market Forecast, 2021-2026

Figure Max. Load Capacity Above 50t Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Max. Load Capacity Above 50t Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Max. Load Capacity Above 50t CAGR by Revenue and Volume, 2016-2026

5 MARKET SEGMENTATION BY APPLICATION

- 5.1 Market Size
- 5.1.1 Industrial Market, 2016-2020

Figure Industrial Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Industrial CAGR by Revenue and Volume, 2016-2020

5.1.2 Commercial Market, 2016-2020

Figure Commercial Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Commercial CAGR by Revenue and Volume, 2016-2020

5.2 Market Forecast

5.2.1 Industrial Market Forecast, 2021-2026

Figure Industrial Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Industrial Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Industrial CAGR by Revenue and Volume, 2021-2026

5.2.2 Commercial Market Forecast, 2021-2026

Figure Commercial Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Commercial Market Estimates and Forecasts, 2021-2026 (in Volume) Table Commercial CAGR by Revenue and Volume, 2021-2026

6 MARKET SEGMENTATION BY REGION

6.1 Market Size

6.1.1 Asia-Pacific

6.1.1.1 Asia-Pacific Market, 2016-2020

Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million)



Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume) Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020 6.1.1.2 Asia-Pacific Market by Type Figure Asia-Pacific Market Size by Type Figure Asia-Pacific Market Share by Type 6.1.1.3 Asia-Pacific Market by Application Figure Asia-Pacific Market Size by Application Figure Asia-Pacific Market Share by Application 6.1.2 North America 6.1.2.1 North America Market, 2016-2020 Figure North America Market Size and Growth, 2016-2020 (USD Million) Figure North America Market Size and Growth, 2016-2020 (in Volume) Table North America CAGR by Revenue and Volume, 2016-2020 6.1.2.2 North America Market by Type Figure North America Market Size by Type Figure North America Market Share by Type 6.1.2.3 North America Market by Application Figure North America Market Size by Application Figure North America Market Share by Application 6.1.3 Europe 6.1.3.1 Europe Market, 2016-2020 Figure Europe Market Size and Growth, 2016-2020 (USD Million) Figure Europe Market Size and Growth, 2016-2020 (in Volume) Table Europe CAGR by Revenue and Volume, 2016-2020 6.1.3.2 Europe Market by Type Figure Europe Market Size by Type Figure Europe Market Share by Type 6.1.3.3 Europe Market by Application Figure Europe Market Size by Application Figure Europe Market Share by Application 6.1.4 South America 6.1.4.1 South America Market, 2016-2020 Figure South America Market Size and Growth, 2016-2020 (USD Million) Figure South America Market Size and Growth, 2016-2020 (in Volume) Table South America CAGR by Revenue and Volume, 2016-2020 6.1.4.2 South America Market by Type Figure South America Market Size by Type Figure South America Market Share by Type 6.1.4.3 South America Market by Application



Figure South America Market Size by Application

Figure South America Market Share by Application

6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2016-2020 Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million) Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume) Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020

6.1.5.2 Middle East & Africa Market by Type Figure Middle East & Africa Market Size by Type Figure Middle East & Africa Market Share by Type

6.1.5.3 Middle East & Africa Market by Application Figure Middle East & Africa Market Size by Application Figure Middle East & Africa Market Share by Application 6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2021-2026

Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026

6.2.2 North America Market Forecast, 2021-2026

Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million) Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume) Table North America CAGR by Revenue and Volume, 2021-2026

6.2.3 Europe Market Forecast, 2021-2026

Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Europe CAGR by Revenue and Volume, 2021-2026

6.2.4 South America Market Forecast, 2021-2026

Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million) Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume) Table South America CAGR by Revenue and Volume, 2021-2026

6.2.5 Middle East & Africa Market Forecast, 2021-2026

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume) Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026

7 MARKET COMPETITIVE

7.1 Global Market by Vendors

Table Global Flat Top Tower Crane Market by Vendors, 2016-2020 (in Volume)



Table Global Flat Top Tower Crane Market Share by Vendors, 2016-2020 (USD Million) Table Global Flat Top Tower Crane Market Share by Vendors, 2016-2020 (in Volume) 7.2 Market Concentration Figure Flat Top Tower Crane Market Concentration by Region 7.3 Price & Factors Table Price Factors List 7.4 Marketing Channel Figure Marketing Channels Overview

8 MAJOR VENDORS

8.1 Liebherr

Table Liebherr Profile List

Table Microecological Modulator Operating Data of Liebherr (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.2 Sany Group

Table Sany Group Profile List

Table Microecological Modulator Operating Data of Sany Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.3 SCHWING

Table SCHWING Profile List

Table Microecological Modulator Operating Data of SCHWING (Sales Revenue, Sales

Volume, Price, Cost, Gross Margin)

8.4 Zoomlion Heavy Machinery Co. Ltd.

Table Zoomlion Heavy Machinery Co. Ltd. Profile List

Table Microecological Modulator Operating Data of Zoomlion Heavy Machinery Co. Ltd.

(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.5 PUTZMEISTER

Table PUTZMEISTER Profile List

Table Microecological Modulator Operating Data of PUTZMEISTER (Sales Revenue,

Sales Volume, Price, Cost, Gross Margin)

8.6 KCP Heavy Industries

Table KCP Heavy Industries Profile List

Table Microecological Modulator Operating Data of KCP Heavy Industries (Sales

Revenue, Sales Volume, Price, Cost, Gross Margin)

8.7 XCMG Co. Ltd.

Table XCMG Co. Ltd. Profile List

Table Microecological Modulator Operating Data of XCMG Co. Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



8.8 Concord Concrete Pumps Table Concord Concrete Pumps Profile List Table Microecological Modulator Operating Data of Concord Concrete Pumps (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 8.9 Anhui Hualing Automobile Group Co Ltd. Table Anhui Hualing Automobile Group Co Ltd. Profile List Table Microecological Modulator Operating Data of Anhui Hualing Automobile Group Co Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 8.10 Fangyuan Group Inc. Table Fangyuan Group Inc. Profile List Table Microecological Modulator Operating Data of Fangyuan Group Inc. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 8.11 Shantui Construction Machinery Co. Ltd. Table Shantui Construction Machinery Co. Ltd. Profile List Table Microecological Modulator Operating Data of Shantui Construction Machinery Co. Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 8.12 Alliance Concrete Pumps Inc. Table Alliance Concrete Pumps Inc. Profile List Table Microecological Modulator Operating Data of Alliance Concrete Pumps Inc. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 8.13 Terex Corporation **Table Terex Corporation Profile List** Table Microecological Modulator Operating Data of Terex Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

9 CONCLUSION



List Of Tables

LIST OF TABLES

Table Product Specifications of Flat Top Tower Crane Table Products Segment of Flat Top Tower Crane Table Global Flat Top Tower Crane Market by Type, 2016-2026 (USD Million) Table Max. Load Capacity Below 30t Overview Table Max. Load Capacity 30-50t Overview Table Max. Load Capacity Above 50t Overview Table Application Segment of Flat Top Tower Crane Table Global Flat Top Tower Crane Market by Application, 2016-2026 (USD Million) Table Industrial Overview **Table Commercial Overview** Table Global Flat Top Tower Crane Market by Region, 2016-2026 (USD Million) Table Cost of Flat Top Tower Crane **Table Market Dynamics** Table Policy of Flat Top Tower Crane Table GDP of Major Countries Table Technology of Flat Top Tower Crane Table Market Entry of Flat Top Tower Crane Table Max. Load Capacity Below 30t CAGR by Revenue and Volume, 2016-2020 Table Max. Load Capacity 30-50t CAGR by Revenue and Volume, 2016-2020 Table Max. Load Capacity Above 50t CAGR by Revenue and Volume, 2016-2020 Table Max. Load Capacity Below 30t CAGR by Revenue and Volume, 2016-2026 Table Max. Load Capacity 30-50t CAGR by Revenue and Volume, 2016-2026 Table Max. Load Capacity Above 50t CAGR by Revenue and Volume, 2016-2026 Table Industrial CAGR by Revenue and Volume, 2016-2020 Table Commercial CAGR by Revenue and Volume, 2016-2020 Table Industrial CAGR by Revenue and Volume, 2021-2026 Table Commercial CAGR by Revenue and Volume, 2021-2026 Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020 Table North America CAGR by Revenue and Volume, 2016-2020 Table Europe CAGR by Revenue and Volume, 2016-2020 Table South America CAGR by Revenue and Volume, 2016-2020 Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020 Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026 Table North America CAGR by Revenue and Volume, 2021-2026 Table Europe CAGR by Revenue and Volume, 2021-2026



Table South America CAGR by Revenue and Volume, 2021-2026 Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026 Table Global Flat Top Tower Crane Market by Vendors, 2016-2020 (in Volume) Table Global Flat Top Tower Crane Market Share by Vendors, 2016-2020 (USD Million) Table Global Flat Top Tower Crane Market Share by Vendors, 2016-2020 (in Volume) **Table Price Factors List** Table Liebherr Profile List Table Microecological Modulator Operating Data of Liebherr (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Sany Group Profile List Table Microecological Modulator Operating Data of Sany Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table SCHWING Profile List Table Microecological Modulator Operating Data of SCHWING (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Zoomlion Heavy Machinery Co. Ltd. Profile List Table Microecological Modulator Operating Data of Zoomlion Heavy Machinery Co. Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table PUTZMEISTER Profile List Table Microecological Modulator Operating Data of PUTZMEISTER (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table KCP Heavy Industries Profile List Table Microecological Modulator Operating Data of KCP Heavy Industries (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table XCMG Co. Ltd. Profile List Table Microecological Modulator Operating Data of XCMG Co. Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Concord Concrete Pumps Profile List Table Microecological Modulator Operating Data of Concord Concrete Pumps (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Anhui Hualing Automobile Group Co Ltd. Profile List Table Microecological Modulator Operating Data of Anhui Hualing Automobile Group Co Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Fangyuan Group Inc. Profile List Table Microecological Modulator Operating Data of Fangyuan Group Inc. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Shantui Construction Machinery Co. Ltd. Profile List Table Microecological Modulator Operating Data of Shantui Construction Machinery Co. Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



Table Alliance Concrete Pumps Inc. Profile List
Table Microecological Modulator Operating Data of Alliance Concrete Pumps Inc.
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Terex Corporation Profile List
Table Microecological Modulator Operating Data of Terex Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



List Of Figures

LIST OF FIGURES

Figure Flat Top Tower Crane Picture Figure Industry Chain Structure of Flat Top Tower Crane Figure Manufacturing Process of Flat Top Tower Crane Figure SWOT of Flat Top Tower Crane Figure Max. Load Capacity Below 30t Market Size and Growth, 2016-2020 (USD Million) Figure Max. Load Capacity Below 30t Market Size and Growth, 2016-2020 (in Volume) Figure Max. Load Capacity 30-50t Market Size and Growth, 2016-2020 (USD Million) Figure Max. Load Capacity 30-50t Market Size and Growth, 2016-2020 (in Volume) Figure Max. Load Capacity Above 50t Market Size and Growth, 2016-2020 (USD Million) Figure Max. Load Capacity Above 50t Market Size and Growth, 2016-2020 (in Volume) Figure Max. Load Capacity Below 30t Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Max. Load Capacity Below 30t Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Max. Load Capacity 30-50t Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Max. Load Capacity 30-50t Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Max. Load Capacity Above 50t Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Max. Load Capacity Above 50t Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Industrial Market Size and Growth, 2016-2020 (USD Million) Figure Market Size and Growth, 2016-2020 (in Volume) Figure Commercial Market Size and Growth, 2016-2020 (USD Million) Figure Market Size and Growth, 2016-2020 (in Volume) Figure Industrial Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Industrial Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Commercial Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Commercial Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million) Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume) Figure Asia-Pacific Market Size by Type



Figure Asia-Pacific Market Share by Type Figure Asia-Pacific Market Size by Application Figure Asia-Pacific Market Share by Application Figure North America Market Size and Growth, 2016-2020 (USD Million) Figure North America Market Size and Growth, 2016-2020 (in Volume) Figure North America Market Size by Type Figure North America Market Share by Type Figure North America Market Size by Application Figure North America Market Share by Application Figure Europe Market Size and Growth, 2016-2020 (USD Million) Figure Europe Market Size and Growth, 2016-2020 (in Volume) Figure Europe Market Size by Type Figure Europe Market Share by Type Figure Europe Market Size by Application Figure Europe Market Share by Application Figure South America Market Size and Growth, 2016-2020 (USD Million) Figure South America Market Size and Growth, 2016-2020 (in Volume) Figure South America Market Size by Type Figure South America Market Share by Type Figure South America Market Size by Application Figure South America Market Share by Application Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million) Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume) Figure Middle East & Africa Market Size by Type Figure Middle East & Africa Market Share by Type Figure Middle East & Africa Market Size by Application Figure Middle East & Africa Market Share by Application Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume) Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million) Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume) Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million) Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million) Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume) Figure Flat Top Tower Crane Market Concentration by Region Figure Marketing Channels Overview



I would like to order

Product name: Global Flat Top Tower Crane Market Research Report 2016-2026 Product link: <u>https://marketpublishers.com/r/G97C40C4A8B7EN.html</u>

> Price: US\$ 1,800.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G97C40C4A8B7EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970