

Global Solvent Recycling Machine Market Research Report 2016

https://marketpublishers.com/r/G04C80182E6EN.html

Date: September 2016

Pages: 110

Price: US\$ 2,900.00 (Single User License)

ID: G04C80182E6EN

Abstracts

Notes:

Production, means the output of Solvent Recycling Machine

Revenue, means the sales value of Solvent Recycling Machine

This report studies Solvent Recycling Machine in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

Finish Thompson

I.S.T. Italia Sistemi Tecnologici S.P.A.

ILMVAC

OFRU Recycling

SE.F.T.

Ventilatorenfabrik Oelde

HongYi

CALSTAR COMPANY



NexGenEnviro Systems,Inc.
Solutex
Solvent Waste Management,Inc.
Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Solvent Recycling Machine in these regions, from 2011 to 2021 (forecast), like
North America
Europe
China
Japan
Southeast Asia
India
Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into
Type I
Type II
Type III
Split by application, this report focuses on consumption, market share and growth rate

Global Solvent Recycling Machine Market Research Report 2016

Application 1

of Solvent Recycling Machine in each application, can be divided into



Application 2

Application 3



Contents

Global Solvent Recycling Machine Market Research Report 2016

1 SOLVENT RECYCLING MACHINE MARKET OVERVIEW

- 1.1 Product Overview and Scope of Solvent Recycling Machine
- 1.2 Solvent Recycling Machine Segment by Type
 - 1.2.1 Global Production Market Share of Solvent Recycling Machine by Type in 2015
 - 1.2.2 Type I
 - 1.2.3 Type II
 - 1.2.4 Type III
- 1.3 Solvent Recycling Machine Segment by Application
- 1.3.1 Solvent Recycling Machine Consumption Market Share by Application in 2015
- 1.3.2 Application
- 1.3.3 Application
- 1.3.4 Application
- 1.4 Solvent Recycling Machine Market by Region
 - 1.4.1 North America Status and Prospect (2011-2021)
 - 1.4.2 Europe Status and Prospect (2011-2021)
 - 1.4.3 China Status and Prospect (2011-2021)
 - 1.4.4 Japan Status and Prospect (2011-2021)
 - 1.4.5 Southeast Asia Status and Prospect (2011-2021)
 - 1.4.6 India Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value) of Solvent Recycling Machine (2011-2021)

2 GLOBAL SOLVENT RECYCLING MACHINE MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Solvent Recycling Machine Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Solvent Recycling Machine Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Solvent Recycling Machine Average Price by Manufacturers (2015 and 2016)
- 2.4 Manufacturers Solvent Recycling Machine Manufacturing Base Distribution, Sales Area and Product Type
- 2.5 Solvent Recycling Machine Market Competitive Situation and Trends
 - 2.5.1 Solvent Recycling Machine Market Concentration Rate



2.5.2 Solvent Recycling Machine Market Share of Top 3 and Top 5 Manufacturers 2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL SOLVENT RECYCLING MACHINE PRODUCTION, REVENUE (VALUE) BY REGION (2011-2016)

- 3.1 Global Solvent Recycling Machine Production by Region (2011-2016)
- 3.2 Global Solvent Recycling Machine Production Market Share by Region (2011-2016)
- 3.3 Global Solvent Recycling Machine Revenue (Value) and Market Share by Region (2011-2016)
- 3.4 Global Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)
- 3.5 North America Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)
- 3.6 Europe Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)
- 3.7 China Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)
- 3.8 Japan Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)
- 3.9 Southeast Asia Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)
- 3.10 India Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

4 GLOBAL SOLVENT RECYCLING MACHINE SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

- 4.1 Global Solvent Recycling Machine Consumption by Regions (2011-2016)
- 4.2 North America Solvent Recycling Machine Production, Consumption, Export, Import by Regions (2011-2016)
- 4.3 Europe Solvent Recycling Machine Production, Consumption, Export, Import by Regions (2011-2016)
- 4.4 China Solvent Recycling Machine Production, Consumption, Export, Import by Regions (2011-2016)
- 4.5 Japan Solvent Recycling Machine Production, Consumption, Export, Import by Regions (2011-2016)
- 4.6 Southeast Asia Solvent Recycling Machine Production, Consumption, Export, Import by Regions (2011-2016)



4.7 India Solvent Recycling Machine Production, Consumption, Export, Import by Regions (2011-2016)

5 GLOBAL SOLVENT RECYCLING MACHINE PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

- 5.1 Global Solvent Recycling Machine Production and Market Share by Type (2011-2016)
- 5.2 Global Solvent Recycling Machine Revenue and Market Share by Type (2011-2016)
- 5.3 Global Solvent Recycling Machine Price by Type (2011-2016)
- 5.4 Global Solvent Recycling Machine Production Growth by Type (2011-2016)

6 GLOBAL SOLVENT RECYCLING MACHINE MARKET ANALYSIS BY APPLICATION

- 6.1 Global Solvent Recycling Machine Consumption and Market Share by Application (2011-2016)
- 6.2 Global Solvent Recycling Machine Consumption Growth Rate by Application (2011-2016)
- 6.3 Market Drivers and Opportunities
 - 6.3.1 Potential Applications
 - 6.3.2 Emerging Markets/Countries

7 GLOBAL SOLVENT RECYCLING MACHINE MANUFACTURERS PROFILES/ANALYSIS

- 7.1 Finish Thompson
 - 7.1.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.1.2 Solvent Recycling Machine Product Type, Application and Specification
 - 7.1.2.1 Type I
 - 7.1.2.2 Type II
- 7.1.3 Finish Thompson Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.1.4 Main Business/Business Overview
- 7.2 I.S.T. Italia Sistemi Tecnologici S.P.A.
 - 7.2.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.2.2 Solvent Recycling Machine Product Type, Application and Specification
 - 7.2.2.1 Type I
 - 7.2.2.2 Type II



7.2.3 I.S.T. Italia Sistemi Tecnologici S.P.A. Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)

7.2.4 Main Business/Business Overview

7.3 ILMVAC

- 7.3.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.3.2 Solvent Recycling Machine Product Type, Application and Specification

7.3.2.1 Type I

7.3.2.2 Type II

7.3.3 ILMVAC Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)

7.3.4 Main Business/Business Overview

7.4 OFRU Recycling

- 7.4.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.4.2 Solvent Recycling Machine Product Type, Application and Specification

7.4.2.1 Type I

7.4.2.2 Type II

7.4.3 OFRU Recycling Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)

7.4.4 Main Business/Business Overview

7.5 SE.F.T.

- 7.5.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.5.2 Solvent Recycling Machine Product Type, Application and Specification

7.5.2.1 Type I

7.5.2.2 Type II

7.5.3 SE.F.T. Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)

7.5.4 Main Business/Business Overview

7.6 Ventilatorenfabrik Oelde

- 7.6.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.6.2 Solvent Recycling Machine Product Type, Application and Specification

7.6.2.1 Type I

7.6.2.2 Type II

7.6.3 Ventilatorenfabrik Oelde Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)

7.6.4 Main Business/Business Overview

7.7 HongYi

- 7.7.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.7.2 Solvent Recycling Machine Product Type, Application and Specification

7.7.2.1 Type I



- 7.7.2.2 Type II
- 7.7.3 HongYi Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.7.4 Main Business/Business Overview
- 7.8 CALSTAR COMPANY
 - 7.8.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.8.2 Solvent Recycling Machine Product Type, Application and Specification
 - 7.8.2.1 Type I
 - 7.8.2.2 Type II
- 7.8.3 CALSTAR COMPANY Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.8.4 Main Business/Business Overview
- 7.9 NexGenEnviro Systems,Inc.
 - 7.9.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.9.2 Solvent Recycling Machine Product Type, Application and Specification
 - 7.9.2.1 Type I
 - 7.9.2.2 Type II
- 7.9.3 NexGenEnviro Systems,Inc. Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.9.4 Main Business/Business Overview
- 7.10 Solutex
 - 7.10.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.10.2 Solvent Recycling Machine Product Type, Application and Specification
 - 7.10.2.1 Type I
 - 7.10.2.2 Type II
- 7.10.3 Solutex Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.10.4 Main Business/Business Overview
- 7.11 Solvent Waste Management, Inc.

8 SOLVENT RECYCLING MACHINE MANUFACTURING COST ANALYSIS

- 8.1 Solvent Recycling Machine Key Raw Materials Analysis
 - 8.1.1 Key Raw Materials
 - 8.1.2 Price Trend of Key Raw Materials
 - 8.1.3 Key Suppliers of Raw Materials
 - 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
 - 8.2.1 Raw Materials



- 8.2.2 Labor Cost
- 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Solvent Recycling Machine

9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Solvent Recycling Machine Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Solvent Recycling Machine Major Manufacturers in 2015
- 9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Marketing
 - 10.1.2 Indirect Marketing
 - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
 - 10.2.1 Pricing Strategy
 - 10.2.2 Brand Strategy
 - 10.2.3 Target Client
- 10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
 - 11.1.1 Substitutes Threat
 - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

12 GLOBAL SOLVENT RECYCLING MACHINE MARKET FORECAST (2016-2021)

- 12.1 Global Solvent Recycling Machine Production, Revenue Forecast (2016-2021)
- 12.2 Global Solvent Recycling Machine Production, Consumption Forecast by Regions (2016-2021)
- 12.3 Global Solvent Recycling Machine Production Forecast by Type (2016-2021)
- 12.4 Global Solvent Recycling Machine Consumption Forecast by Application (2016-2021)



12.5 Solvent Recycling Machine Price Forecast (2016-2021)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

Author List
Disclosure Section
Research Methodology
Data Source
China Disclaimer



List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Solvent Recycling Machine

Figure Global Production Market Share of Solvent Recycling Machine by Type in 2015

Figure Product Picture of Type I

Table Major Manufacturers of Type I

Figure Product Picture of Type II

Table Major Manufacturers of Type II

Figure Product Picture of Type III

Table Major Manufacturers of Type III

Table Solvent Recycling Machine Consumption Market Share by Application in 2015

Figure Application 1 Examples

Figure Application 2 Examples

Figure Application 3 Examples

Figure North America Solvent Recycling Machine Revenue (Million USD) and Growth Rate (2011-2021)

Figure Europe Solvent Recycling Machine Revenue (Million USD) and Growth Rate (2011-2021)

Figure China Solvent Recycling Machine Revenue (Million USD) and Growth Rate (2011-2021)

Figure Japan Solvent Recycling Machine Revenue (Million USD) and Growth Rate (2011-2021)

Figure Southeast Asia Solvent Recycling Machine Revenue (Million USD) and Growth Rate (2011-2021)

Figure India Solvent Recycling Machine Revenue (Million USD) and Growth Rate (2011-2021)

Figure Global Solvent Recycling Machine Revenue (Million UDS) and Growth Rate (2011-2021)

Table Global Solvent Recycling Machine Capacity of Key Manufacturers (2015 and 2016)

Table Global Solvent Recycling Machine Capacity Market Share by Manufacturers (2015 and 2016)

Figure Global Solvent Recycling Machine Capacity of Key Manufacturers in 2015 Figure Global Solvent Recycling Machine Capacity of Key Manufacturers in 2016 Table Global Solvent Recycling Machine Production of Key Manufacturers (2015 and 2016)

Table Global Solvent Recycling Machine Production Share by Manufacturers (2015 and



2016)

Figure 2015 Solvent Recycling Machine Production Share by Manufacturers
Figure 2016 Solvent Recycling Machine Production Share by Manufacturers
Table Global Solvent Recycling Machine Revenue (Million USD) by Manufacturers
(2015 and 2016)

Table Global Solvent Recycling Machine Revenue Share by Manufacturers (2015 and 2016)

Table 2015 Global Solvent Recycling Machine Revenue Share by Manufacturers
Table 2016 Global Solvent Recycling Machine Revenue Share by Manufacturers
Table Global Market Solvent Recycling Machine Average Price of Key Manufacturers
(2015 and 2016)

Figure Global Market Solvent Recycling Machine Average Price of Key Manufacturers in 2015

Table Manufacturers Solvent Recycling Machine Manufacturing Base Distribution and Sales Area

Table Manufacturers Solvent Recycling Machine Product Type

Figure Solvent Recycling Machine Market Share of Top 3 Manufacturers

Figure Solvent Recycling Machine Market Share of Top 5 Manufacturers

Table Global Solvent Recycling Machine Capacity by Regions (2011-2016)

Figure Global Solvent Recycling Machine Capacity Market Share by Regions (2011-2016)

Figure Global Solvent Recycling Machine Capacity Market Share by Regions (2011-2016)

Figure 2015 Global Solvent Recycling Machine Capacity Market Share by Regions Table Global Solvent Recycling Machine Production by Regions (2011-2016) Figure Global Solvent Recycling Machine Production and Market Share by Regions

(2011-2016)

Figure Global Solvent Recycling Machine Production Market Share by Regions (2011-2016)

Figure 2015 Global Solvent Recycling Machine Production Market Share by Regions Table Global Solvent Recycling Machine Revenue by Regions (2011-2016)

Table Global Solvent Recycling Machine Revenue Market Share by Regions (2011-2016)

Table 2015 Global Solvent Recycling Machine Revenue Market Share by Regions Table Global Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Table North America Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Solvent Recycling Machine Production, Revenue, Price and Gross Margin



(2011-2016)

Table China Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Table Southeast Asia Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Table India Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Table Global Solvent Recycling Machine Consumption Market by Regions (2011-2016) Table Global Solvent Recycling Machine Consumption Market Share by Regions (2011-2016)

Figure Global Solvent Recycling Machine Consumption Market Share by Regions (2011-2016)

Figure 2015 Global Solvent Recycling Machine Consumption Market Share by Regions Table North America Solvent Recycling Machine Production, Consumption, Import & Export (2011-2016)

Table Europe Solvent Recycling Machine Production, Consumption, Import & Export (2011-2016)

Table China Solvent Recycling Machine Production, Consumption, Import & Export (2011-2016)

Table Japan Solvent Recycling Machine Production, Consumption, Import & Export (2011-2016)

Table Southeast Asia Solvent Recycling Machine Production, Consumption, Import & Export (2011-2016)

Table India Solvent Recycling Machine Production, Consumption, Import & Export (2011-2016)

Table Global Solvent Recycling Machine Production by Type (2011-2016)

Table Global Solvent Recycling Machine Production Share by Type (2011-2016)

Figure Production Market Share of Solvent Recycling Machine by Type (2011-2016)

Figure 2015 Production Market Share of Solvent Recycling Machine by Type

Table Global Solvent Recycling Machine Revenue by Type (2011-2016)

Table Global Solvent Recycling Machine Revenue Share by Type (2011-2016)

Figure Production Revenue Share of Solvent Recycling Machine by Type (2011-2016)

Figure 2015 Revenue Market Share of Solvent Recycling Machine by Type

Table Global Solvent Recycling Machine Price by Type (2011-2016)

Figure Global Solvent Recycling Machine Production Growth by Type (2011-2016)

Table Global Solvent Recycling Machine Consumption by Application (2011-2016)

Table Global Solvent Recycling Machine Consumption Market Share by Application



(2011-2016)

Figure Global Solvent Recycling Machine Consumption Market Share by Application in 2015

Table Global Solvent Recycling Machine Consumption Growth Rate by Application (2011-2016)

Figure Global Solvent Recycling Machine Consumption Growth Rate by Application (2011-2016)

Table Finish Thompson Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Finish Thompson Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure Finish Thompson Solvent Recycling Machine Market Share (2011-2016)

Table I.S.T. Italia Sistemi Tecnologici S.P.A. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table I.S.T. Italia Sistemi Tecnologici S.P.A. Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure I.S.T. Italia Sistemi Tecnologici S.P.A. Solvent Recycling Machine Market Share (2011-2016)

Table ILMVAC Basic Information, Manufacturing Base, Sales Area and Its Competitors Table ILMVAC Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure ILMVAC Solvent Recycling Machine Market Share (2011-2016)

Table OFRU Recycling Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table OFRU Recycling Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure OFRU Recycling Solvent Recycling Machine Market Share (2011-2016)

Table SE.F.T. Basic Information, Manufacturing Base, Sales Area and Its Competitors Table SE.F.T. Solvent Recycling Machine Production, Revenue, Price and Gross

Figure SE.F.T. Solvent Recycling Machine Market Share (2011-2016)

Table Ventilatorenfabrik Oelde Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Ventilatorenfabrik Oelde Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure Ventilatorenfabrik Oelde Solvent Recycling Machine Market Share (2011-2016) Table HongYi Basic Information, Manufacturing Base, Sales Area and Its Competitors Table HongYi Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Margin (2011-2016)



Figure HongYi Solvent Recycling Machine Market Share (2011-2016)

Table CALSTAR COMPANY Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table CALSTAR COMPANY Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure CALSTAR COMPANY Solvent Recycling Machine Market Share (2011-2016) Table NexGenEnviro Systems, Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table NexGenEnviro Systems,Inc. Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure NexGenEnviro Systems,Inc. Solvent Recycling Machine Market Share (2011-2016)

Table Solutex Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Solutex Solvent Recycling Machine Production, Revenue, Price and Gross Margin (2011-2016)

Figure Solutex Solvent Recycling Machine Market Share (2011-2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Solvent Recycling Machine

Figure Manufacturing Process Analysis of Solvent Recycling Machine

Figure Solvent Recycling Machine Industrial Chain Analysis

Table Raw Materials Sources of Solvent Recycling Machine Major Manufacturers in 2015

Table Major Buyers of Solvent Recycling Machine

Table Distributors/Traders List

Figure Global Solvent Recycling Machine Production and Growth Rate Forecast (2016-2021)

Figure Global Solvent Recycling Machine Revenue and Growth Rate Forecast (2016-2021)

Table Global Solvent Recycling Machine Production Forecast by Regions (2016-2021)

Table Global Solvent Recycling Machine Consumption Forecast by Regions (2016-2021)

Table Global Solvent Recycling Machine Production Forecast by Type (2016-2021)

Table Global Solvent Recycling Machine Consumption Forecast by Application (2016-2021)



I would like to order

Product name: Global Solvent Recycling Machine Market Research Report 2016

Product link: https://marketpublishers.com/r/G04C80182E6EN.html

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G04C80182E6EN.html

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

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 https://marketpublishers.com/docs/terms.html

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