

Woven Plastics Machinery Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

<https://marketpublishers.com/r/WABAB97CA6B6EN.html>

Date: September 2025

Pages: 92

Price: US\$ 3,200.00 (Single User License)

ID: WABAB97CA6B6EN

Abstracts

Woven Plastics Machinery Market Summary

The Woven Plastics Machinery market encompasses a wide range of processing and weaving equipment designed for the production of packaging and non-packaging materials using polypropylene (PP) and high-density polyethylene (HDPE) as primary raw materials. These machines are critical to the production of woven bags, flexible intermediate bulk containers (FIBC)/jumbo bags, and non-packaging materials such as wrapping sheets, geotextiles, and tarpaulins. Woven plastics machinery plays a vital role in high-volume commodity sectors, including Food & Grain, Chemicals, Fertilizers, Cement, and Animal Feed, with machinery demand closely tied to global economic trends. Global demand for woven plastics machinery is projected to reach 0.8–1.6 billion USD by 2025, with an estimated compound annual growth rate of 3.6%–6.8% through 2030. Market growth is expected to face fluctuations due to macroeconomic conditions, trade policy uncertainty, and regional commodity consumption trends. According to recent economic forecasts, global growth is projected to slow significantly in 2025 to 2.3%, with modest recovery during 2026–2027. Escalating trade restrictions, geopolitical tensions, or extreme weather events could further restrain growth, highlighting the sensitivity of woven plastics machinery demand to global economic cycles.

Market Segmentation by Type

Tape Extrusion/Stretching Lines: These are essential for producing high-strength woven tapes from PP or HDPE resins. Growth is projected at

3.5%–5.5% annually, driven by rising demand for high-performance packaging in bulk commodity sectors.

Winders: Machines used to reel woven tapes for storage or further processing. Expected growth of 3%–5% annually, with increasing adoption in automated production lines.

Circular Looms: Core weaving equipment for producing bags and FIBC fabrics. Growth is estimated at 3.5%–6% annually, reflecting ongoing replacement of outdated machines and expansion of new production lines in Asia-Pacific and MEA regions.

Lamination Machines: Provide functional coatings for water resistance or barrier properties. Projected growth 3.5%–5.5% annually, due to higher demand for moisture-resistant packaging in Food & Grain and Fertilizer sectors.

Coating Machines: Applied for protective layers or printing base layers, growth 3%–5% annually.

Printing Machines: Support branding and regulatory labeling on woven packaging. Growth 3%–5% annually, influenced by regulatory compliance and marketing requirements.

Bag Conversion/FIBC Conversion Machines: Transform woven fabrics into finished bags or FIBCs. Growth 4%–6% annually, reflecting expanding global demand for bulk packaging solutions.

Others: Includes auxiliary and niche equipment, growth 2.5%–4% annually, linked to evolving production techniques and automation trends.

Regional Market Trends

Asia-Pacific (APAC): Largest regional market, led by India, China, and Southeast Asian nations, driven by high consumption of woven bags and FIBCs for Food & Grain, Fertilizers, and Cement industries. Regional growth is projected at 4%–7% annually, supported by ongoing industrialization and expanding commodity sectors.

Middle East & Africa (MEA): Moderate growth of 3.5%–6% annually, fueled by large-scale infrastructure projects and agricultural packaging demand. MEA remains a key import region for advanced machinery, particularly circular looms and bag conversion equipment.

Europe: Growth at 2.5%–4% annually, driven by regulatory compliance for packaging materials and replacement of aging machinery with higher efficiency systems.

North America: Growth at 2.5%–4% annually, influenced by industrial automation adoption and demand for high-quality woven packaging in chemicals and fertilizers.

South America: Relatively slower growth at 2%–3.5% annually, with demand concentrated in Brazil, Argentina, and Chile, primarily for Food & Grain and agricultural applications.

Key Market Players

The global woven plastics machinery market is competitive, comprising both established manufacturers and regional specialists:

Lohia: India-based machinery manufacturer specializing in extrusion, stretching, and weaving systems, recognized for high-performance PP/HDPE tape lines.

Starlinger: Austrian company known for circular looms and bag conversion machinery with a focus on automation and energy efficiency.

Changzhou Yongming Machinery & Changzhou Hengli Machinery Co. Ltd.: Chinese manufacturers with broad portfolios including lamination, coating, and bag conversion equipment, catering to both domestic and export markets.

Zhejiang Tianfeng Plastic Machine Plant: Produces integrated machinery lines for FIBC and woven bag production, emphasizing modular and scalable solutions.

Yanfeng Group: Diversified industrial player supplying extrusion and coating equipment to the packaging sector.

Polystar: Taiwan-based company providing bag conversion and coating solutions, catering to Food & Grain and chemical packaging.

JP Extrusiontech Pvt. Ltd.: India-based extrusion and stretching line manufacturer, supporting high-volume commodity packaging.

Navrang: Specializes in automated FIBC and bag conversion equipment for bulk packaging applications.

B&B Verpackungstechnik GmbH & Pelican Rotoflex: European firms focusing on lamination, coating, and high-precision printing machinery for industrial packaging.

Porter's Five Forces Analysis

Supplier Power: Moderate

Raw materials for PP/HDPE tapes and electronic components for machinery are widely available, though specialized parts such as precision rolls, extruder screws, and automation systems can create dependency on key suppliers.

Buyer Power: Moderate to High

Major commodity producers and packagers are the primary buyers. Large-scale manufacturers can negotiate favorable terms, but smaller regional buyers have limited influence.

Threat of New Entrants: Low to Moderate

High technical expertise, capital investment, and certification requirements create barriers, although niche machinery producers can enter regional markets.

Threat of Substitutes: Low

Alternatives such as paper, jute, or non-woven packaging materials exist, but woven plastics offer superior strength, durability, and cost efficiency for bulk applications.

Competitive Rivalry: High

Competition is driven by technological innovation, energy efficiency, cost-effectiveness, and regional distribution capabilities. Manufacturers frequently invest in automation and multi-functional machinery to differentiate their products.

Market Opportunities and Challenges

Opportunities

Increasing global demand for bulk commodity packaging, particularly in Food & Grain, Chemicals, Fertilizers, and Cement industries.

Rising adoption of FIBC and jumbo bags in logistics and agriculture, requiring advanced bag conversion machinery.

Technological innovations such as energy-efficient extrusion lines, automated looms, and integrated coating/printing systems.

Expanding global trade creates export opportunities for manufacturers, particularly in APAC and MEA.

Challenges

Economic slowdown and global trade uncertainties may suppress capital investment and machinery demand.

Raw material price volatility (PP and HDPE) can impact manufacturing costs and profitability.

Regulatory compliance and environmental standards require ongoing adaptation, particularly in Europe and North America.

Competition from low-cost machinery producers in regional markets can pressure margins and drive the need for differentiation.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

3.1 Research Scope

3.2 Research Sources

3.2.1 Data Sources

3.2.2 Assumptions

3.3 Research Method

Chapter Four Market Landscape

4.1 Market Overview

4.2 Classification/Types

4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

6.1 Upstream/Suppliers Analysis

6.2 Woven Plastics Machinery Analysis

6.2.1 Technology Analysis

6.2.2 Cost Analysis

6.2.3 Market Channel Analysis

6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

7.1 Latest News

7.2 Merger and Acquisition

- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST WOVEN PLASTICS MACHINERY MARKET IN NORTH AMERICA (2020-2030)

- 8.1 Woven Plastics Machinery Market Size
- 8.2 Woven Plastics Machinery Market by End Use
- 8.3 Competition by Players/Suppliers
- 8.4 Woven Plastics Machinery Market Size by Type
- 8.5 Key Countries Analysis
 - 8.5.1 United States
 - 8.5.2 Canada
 - 8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST WOVEN PLASTICS MACHINERY MARKET IN SOUTH AMERICA (2020-2030)

- 9.1 Woven Plastics Machinery Market Size
- 9.2 Woven Plastics Machinery Market by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Woven Plastics Machinery Market Size by Type
- 9.5 Key Countries Analysis
 - 9.5.1 Brazil
 - 9.5.2 Argentina
 - 9.5.3 Chile
 - 9.5.4 Peru

CHAPTER 10 HISTORICAL AND FORECAST WOVEN PLASTICS MACHINERY MARKET IN ASIA & PACIFIC (2020-2030)

- 10.1 Woven Plastics Machinery Market Size
- 10.2 Woven Plastics Machinery Market by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Woven Plastics Machinery Market Size by Type
- 10.5 Key Countries Analysis
 - 10.5.1 China
 - 10.5.2 India
 - 10.5.3 Japan

- 10.5.4 South Korea
- 10.5.5 Southeast Asia
- 10.5.6 Australia

CHAPTER 11 HISTORICAL AND FORECAST WOVEN PLASTICS MACHINERY MARKET IN EUROPE (2020-2030)

- 11.1 Woven Plastics Machinery Market Size
- 11.2 Woven Plastics Machinery Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Woven Plastics Machinery Market Size by Type
- 11.5 Key Countries Analysis
 - 11.5.1 Germany
 - 11.5.2 France
 - 11.5.3 United Kingdom
 - 11.5.4 Italy
 - 11.5.5 Spain
 - 11.5.6 Belgium
 - 11.5.7 Netherlands
 - 11.5.8 Austria
 - 11.5.9 Poland
 - 11.5.10 Russia

CHAPTER 12 HISTORICAL AND FORECAST WOVEN PLASTICS MACHINERY MARKET IN MEA (2020-2030)

- 12.1 Woven Plastics Machinery Market Size
- 12.2 Woven Plastics Machinery Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Woven Plastics Machinery Market Size by Type
- 12.5 Key Countries Analysis
 - 12.5.1 Egypt
 - 12.5.2 Israel
 - 12.5.3 South Africa
 - 12.5.4 Gulf Cooperation Council Countries
 - 12.5.5 Turkey

CHAPTER 13 SUMMARY FOR GLOBAL WOVEN PLASTICS MACHINERY MARKET (2020-2025)

- 13.1 Woven Plastics Machinery Market Size
- 13.2 Woven Plastics Machinery Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Woven Plastics Machinery Market Size by Type

CHAPTER 14 GLOBAL WOVEN PLASTICS MACHINERY MARKET FORECAST (2025-2030)

- 14.1 Woven Plastics Machinery Market Size Forecast
- 14.2 Woven Plastics Machinery Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Woven Plastics Machinery Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

- 15.1 Lohia
 - 15.1.1 Company Profile
 - 15.1.2 Main Business and Woven Plastics Machinery Information
 - 15.1.3 SWOT Analysis of Lohia
 - 15.1.4 Lohia Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)
- 15.2 Starlinger
 - 15.2.1 Company Profile
 - 15.2.2 Main Business and Woven Plastics Machinery Information
 - 15.2.3 SWOT Analysis of Starlinger
 - 15.2.4 Starlinger Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)
- 15.3 Changzhou Yongming Machinery
 - 15.3.1 Company Profile
 - 15.3.2 Main Business and Woven Plastics Machinery Information
 - 15.3.3 SWOT Analysis of Changzhou Yongming Machinery
 - 15.3.4 Changzhou Yongming Machinery Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)
- 15.4 Changzhou Hengli Machinery Co. Ltd.
 - 15.4.1 Company Profile
 - 15.4.2 Main Business and Woven Plastics Machinery Information
 - 15.4.3 SWOT Analysis of Changzhou Hengli Machinery Co. Ltd.
 - 15.4.4 Changzhou Hengli Machinery Co. Ltd. Woven Plastics Machinery Revenue,

Gross Margin and Market Share (2020-2025)

15.5 Zhejiang Tianfeng Plastic Machine Plant

15.5.1 Company Profile

15.5.2 Main Business and Woven Plastics Machinery Information

15.5.3 SWOT Analysis of Zhejiang Tianfeng Plastic Machine Plant

15.5.4 Zhejiang Tianfeng Plastic Machine Plant Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)

Gross Margin and Market Share (2020-2025)

15.6 Yanfeng Group

15.6.1 Company Profile

15.6.2 Main Business and Woven Plastics Machinery Information

15.6.3 SWOT Analysis of Yanfeng Group

15.6.4 Yanfeng Group Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)

15.7 Polystar

15.7.1 Company Profile

15.7.2 Main Business and Woven Plastics Machinery Information

15.7.3 SWOT Analysis of Polystar

15.7.4 Polystar Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)

15.8 JP Extrusiontech Pvt. Ltd.

15.8.1 Company Profile

15.8.2 Main Business and Woven Plastics Machinery Information

15.8.3 SWOT Analysis of JP Extrusiontech Pvt. Ltd.

15.8.4 JP Extrusiontech Pvt. Ltd. Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)

15.9 Navrang

15.9.1 Company Profile

15.9.2 Main Business and Woven Plastics Machinery Information

15.9.3 SWOT Analysis of Navrang

15.9.4 Navrang Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)

15.10 B&B Verpackungstechnik GmbH

15.10.1 Company Profile

15.10.2 Main Business and Woven Plastics Machinery Information

15.10.3 SWOT Analysis of B&B Verpackungstechnik GmbH

15.10.4 B&B Verpackungstechnik GmbH Woven Plastics Machinery Revenue, Gross Margin and Market Share (2020-2025)

Please ask for sample pages for full companies list

Tables & Figures

TABLES AND FIGURES

Table Abbreviation and Acronyms

Table Research Scope of Woven Plastics Machinery Report

Table Data Sources of Woven Plastics Machinery Report

Table Major Assumptions of Woven Plastics Machinery Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Woven Plastics Machinery Picture

Table Woven Plastics Machinery Classification

Table Woven Plastics Machinery Applications

Table Drivers of Woven Plastics Machinery Market

Table Restraints of Woven Plastics Machinery Market

Table Opportunities of Woven Plastics Machinery Market

Table Threats of Woven Plastics Machinery Market

Table Covid-19 Impact For Woven Plastics Machinery Market

Table Raw Materials Suppliers

Table Different Production Methods of Woven Plastics Machinery

Table Cost Structure Analysis of Woven Plastics Machinery

Table Key End Users

Table Latest News of Woven Plastics Machinery Market

Table Merger and Acquisition

Table Planned/Future Project of Woven Plastics Machinery Market

Table Policy of Woven Plastics Machinery Market

Table 2020-2030 North America Woven Plastics Machinery Market Size

Figure 2020-2030 North America Woven Plastics Machinery Market Size and CAGR

Table 2020-2030 North America Woven Plastics Machinery Market Size by Application

Table 2020-2025 North America Woven Plastics Machinery Key Players Revenue

Table 2020-2025 North America Woven Plastics Machinery Key Players Market Share

Table 2020-2030 North America Woven Plastics Machinery Market Size by Type

Table 2020-2030 United States Woven Plastics Machinery Market Size

Table 2020-2030 Canada Woven Plastics Machinery Market Size

Table 2020-2030 Mexico Woven Plastics Machinery Market Size

Table 2020-2030 South America Woven Plastics Machinery Market Size

Figure 2020-2030 South America Woven Plastics Machinery Market Size and CAGR

Table 2020-2030 South America Woven Plastics Machinery Market Size by Application

Table 2020-2025 South America Woven Plastics Machinery Key Players Revenue

Table 2020-2025 South America Woven Plastics Machinery Key Players Market Share
Table 2020-2030 South America Woven Plastics Machinery Market Size by Type
Table 2020-2030 Brazil Woven Plastics Machinery Market Size
Table 2020-2030 Argentina Woven Plastics Machinery Market Size
Table 2020-2030 Chile Woven Plastics Machinery Market Size
Table 2020-2030 Peru Woven Plastics Machinery Market Size
Table 2020-2030 Asia & Pacific Woven Plastics Machinery Market Size
Figure 2020-2030 Asia & Pacific Woven Plastics Machinery Market Size and CAGR
Table 2020-2030 Asia & Pacific Woven Plastics Machinery Market Size by Application
Table 2020-2025 Asia & Pacific Woven Plastics Machinery Key Players Revenue
Table 2020-2025 Asia & Pacific Woven Plastics Machinery Key Players Market Share
Table 2020-2030 Asia & Pacific Woven Plastics Machinery Market Size by Type
Table 2020-2030 China Woven Plastics Machinery Market Size
Table 2020-2030 India Woven Plastics Machinery Market Size
Table 2020-2030 Japan Woven Plastics Machinery Market Size
Table 2020-2030 South Korea Woven Plastics Machinery Market Size
Table 2020-2030 Southeast Asia Woven Plastics Machinery Market Size
Table 2020-2030 Australia Woven Plastics Machinery Market Size
Table 2020-2030 Europe Woven Plastics Machinery Market Size
Figure 2020-2030 Europe Woven Plastics Machinery Market Size and CAGR
Table 2020-2030 Europe Woven Plastics Machinery Market Size by Application
Table 2020-2025 Europe Woven Plastics Machinery Key Players Revenue
Table 2020-2025 Europe Woven Plastics Machinery Key Players Market Share
Table 2020-2030 Europe Woven Plastics Machinery Market Size by Type
Table 2020-2030 Germany Woven Plastics Machinery Market Size
Table 2020-2030 France Woven Plastics Machinery Market Size
Table 2020-2030 United Kingdom Woven Plastics Machinery Market Size
Table 2020-2030 Italy Woven Plastics Machinery Market Size
Table 2020-2030 Spain Woven Plastics Machinery Market Size
Table 2020-2030 Belgium Woven Plastics Machinery Market Size
Table 2020-2030 Netherlands Woven Plastics Machinery Market Size
Table 2020-2030 Austria Woven Plastics Machinery Market Size
Table 2020-2030 Poland Woven Plastics Machinery Market Size
Table 2020-2030 Russia Woven Plastics Machinery Market Size
Table 2020-2030 MEA Woven Plastics Machinery Market Size
Figure 2020-2030 MEA Woven Plastics Machinery Market Size and CAGR
Table 2020-2030 MEA Woven Plastics Machinery Market Size by Application
Table 2020-2025 MEA Woven Plastics Machinery Key Players Revenue
Table 2020-2025 MEA Woven Plastics Machinery Key Players Market Share

Table 2020-2030 MEA Woven Plastics Machinery Market Size by Type
Table 2020-2030 Egypt Woven Plastics Machinery Market Size
Table 2020-2030 Israel Woven Plastics Machinery Market Size
Table 2020-2030 South Africa Woven Plastics Machinery Market Size
Table 2020-2030 Gulf Cooperation Council Countries Woven Plastics Machinery Market Size
Table 2020-2030 Turkey Woven Plastics Machinery Market Size
Table 2020-2025 Global Woven Plastics Machinery Market Size by Region
Table 2020-2025 Global Woven Plastics Machinery Market Size Share by Region
Table 2020-2025 Global Woven Plastics Machinery Market Size by Application
Table 2020-2025 Global Woven Plastics Machinery Market Share by Application
Table 2020-2025 Global Woven Plastics Machinery Key Vendors Revenue
Figure 2020-2025 Global Woven Plastics Machinery Market Size and Growth Rate
Table 2020-2025 Global Woven Plastics Machinery Key Vendors Market Share
Table 2020-2025 Global Woven Plastics Machinery Market Size by Type
Table 2020-2025 Global Woven Plastics Machinery Market Share by Type
Table 2025-2030 Global Woven Plastics Machinery Market Size by Region
Table 2025-2030 Global Woven Plastics Machinery Market Size Share by Region
Table 2025-2030 Global Woven Plastics Machinery Market Size by Application
Table 2025-2030 Global Woven Plastics Machinery Market Share by Application
Table 2025-2030 Global Woven Plastics Machinery Key Vendors Revenue
Figure 2025-2030 Global Woven Plastics Machinery Market Size and Growth Rate
Table 2025-2030 Global Woven Plastics Machinery Key Vendors Market Share
Table 2025-2030 Global Woven Plastics Machinery Market Size by Type
Table 2025-2030 Woven Plastics Machinery Global Market Share by Type

I would like to order

Product name: Woven Plastics Machinery Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

Product link: <https://marketpublishers.com/r/WABAB97CA6B6EN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/WABAB97CA6B6EN.html>