

Shredder Blades Market by Shaft Count (Single shaft, Double shaft), Blade Design (Hook, Square), End User Industry (Waste Management & Recycling, Food Industry), Application (Plastic, Rubber, Metal, Wood, E-waste) & Region - Global Forecast to 2028

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Abstracts

The Shredder blades market is projected to reach USD 557 million by 2028 from an estimated USD 431 million in 2023, at a CAGR of 5.3% during the forecast period. Shredding blades are crucial components in shredding machines designed for materials like plastics and metals. Shredder blades have a wide range of shredding capacities in various industries, including plastic, paper, wood, organic waste, electronic waste, medical waste, and textile recycling. It completely depends on shredding blade design, shaft count & blade material.

“Hook type segment is expected to have largest segment based on, by blade design!”

Based on blade design, the Shredder blades market has been split into two types: Hook & square. Hook type shredder blades are versatile cutting tools used in various shredding applications, from plastic and paper recycling to processing tough materials like cables, aluminum, and copper. They are available in different designs and materials, with options for refurbishing and regrinding to extend their lifespan. They have different teeth used for shredding different materials. Their versatility makes them the largest user compared to square type.

“E-waste is expected to emerge as the fastest-growing segment based on application”

Based on application, the Shredder blades market has been segmented into plastic, rubber, metal, wood, e-waste, paper & cardboard, others (fabric, biomass, glass, food

processing, food waste. E-waste encompasses not just plastics and ferrous metals but also valuable elements like gold, silver, platinum, and rare earths such as lanthanum and neodymium, facing substantial economic demand globally. Shredder blades tailored for E-waste recycling play a pivotal role in the efficient treatment of electronic waste materials. These blades are meticulously crafted from materials well-suited for shredding electronic components, encompassing plastics, rubber, paper, and other E-waste elements. With rise in use of electronic appliances, ranging from refrigerators and televisions to mobile phones, computers, and various electrical items there is huge scope for shredder blades market.

“North America is expected to emerge as the second-largest region based on Shredder blades market”

By region, the Shredder blades market has been segmented into Asia Pacific, North America, South America, Europe, and Middle East & Africa. In the region, the shredder blades market North America is second largest. North American shredder blades market is expected to grow significantly in the coming years, driven by the increasing adoption of advanced technology and the presence of major players in the region. This industry is led by the United States, which is a well-developed region with a long history of innovation in the automotive, steel, plastic, electronics, and paper industries. The governments in the region have taken steps to raise awareness and encourage people to reduce, recycle, and reuse. All governments are planning to become self-sufficient in waste recycling and have set zero-emission goals. These factors could create significant growth opportunities for the shredder blades market in North America.

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 45%, Tier 2- 30%, and Tier 3- 25%

By Designation: C-Level- 35%, Director Levels- 25%, and Others- 40%

By Region: North America- 27%, Europe- 20%, Asia Pacific- 33%, the Middle East & Africa- 12%, and South America- 8%

Note: Others include product engineers, product specialists, and engineering leads.

Note: The tiers of the companies are defined on the basis of their total revenues as of 2021. Tier 1: > USD 1 billion, Tier 2: From USD 500 million to USD 1 billion, and Tier 3: The Shredder blades market is dominated by a few major players that have a wide regional presence. The leading players in the Shredder blades market are SATURN MACHINE KNIVES LTD (UK), Miheu d.o.o. (Slovenia), KAMADUR industrial knives B.V (Netherlands), Fordura China (China), and WANROOE MACHINERY CO., LTD. (China)

Research Coverage:

The report defines, describes, and forecasts the Shredder blades market, by component, type, services, voltage, application, and region. It also offers a detailed qualitative and quantitative analysis of the market. The report provides a comprehensive review of the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market. These include an analysis of the competitive landscape, market dynamics, market estimates, in terms of value, and future trends in the Shredder blades market.

Reasons to buy Report

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall authentication and brand protection market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Growing recycling and scrap industries is likely to drive the demand, growing demand from manufacturing paper and automotive industries), restraints (factors such as high maintenance cost is hindering the growth of shredder blades), opportunities (Growing demand to shred E-waste to destroy confidential data creating opportunities in this market, increasing focus on green entrepreneurship and jobs), challenges (Requirement of precision engineering and high-quality materials is a major challenges faced by countries

in this market).

Product Development/ Innovation: The trends such as smart materials are being developed that are more resistant to wear and tear, extending the lifespan of shredder blades.

Market Development: This market has experienced growth, propelled by a heightened focus on efficient waste shredding and recycling practices, aligning with commitment to environmental sustainability. Advancements in technology, the demand for durable blades, and ongoing efforts to improve recycling capabilities are key factors influencing this market.

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the authentication and brand protection market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like SATURN MACHINE KNIVES LTD (UK), Miheu d.o.o. (Slovenia), KAMADUR industrial knives B.V (Netherlands), Fordura China (China), and WANROOE MACHINERY CO., LTD. (China) among others in the Shredder blades market.

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*Details on Business overview, Products/Solutions/Services offered, Recent developments, MnM view, Key strengths, Strategic choices, and Weaknesses and Competitive threats might not be captured in case of unlisted companies.

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