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Recycling Business Handbook Industrial and Agricultural Waste Processing(Automated Vehicle Scrapping, Bio Coal Briquettes, Caffeine Extraction, Disposable Tableware, E-Waste, Lead Acid Battery, Lithium-Ion Battery, Lubricating Oils, Organic Fertilizer, Pa

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About the Book

Recycling Business Handbook
Industrial and Agricultural Waste Processing

(Automated Vehicle Scrapping, Bio Coal Briquettes, Caffeine Extraction, Disposable Tableware, E-Waste, Lead Acid Battery, Lithium-Ion Battery, Lubricating Oils, Organic Fertilizer, Particle Board, PET Bottles, Waste Tyre Pyrolysis, Aluminium, Biomedical Waste, Biomass Charcoal, Activated Carbon, PET Flakes, Rice Bran Oil)

Industrial and agricultural waste refer to the by-products generated from industrial processes and agricultural activities respectively. Industrial waste often includes materials such as metals, chemicals, plastics, and other manufacturing residues. Each type of industrial waste requires specific handling and processing methods to ensure safe and effective recycling.

Industrial and agricultural both types of waste present unique challenges and opportunities for recycling. Effective management and processing of industrial and agricultural waste not only mitigate environmental impact but also offer potential economic benefits by turning waste into valuable resources. Understanding these distinct waste types and their processing requirements is crucial for any business looking to implement successful recycling operations.

The global industrial waste management market size was valued at USD 1.05 billion. The market is projected to grow from USD 1.10 billion to USD 1.79 billion, exhibiting a CAGR of 6.22%. The Industrial Waste Management market in the U.S. is projected to grow significantly, reaching an estimated value of USD 323.81 billion, driven by the stringent waste management solutions and emergence of advanced waste-to-energy plants.

Management of waste produced through industrial activities generally consists of separation, composting, landfill, and waste recycling. Industrial waste management through landfill includes waste burial which cannot be further composed or recycled. Subsequently, recycling of industrial waste is generally referred to reuse of waste materials and generally includes the utilization of multiple management of waste technologies.

The agricultural waste processing industry is witnessing significant growth, driven by advancements in recycling technologies and sustainable practices. The market size for this industry was valued at approximately USD 150 billion, with projections indicating a compound annual growth rate (CAGR) of 8-10%, reaching USD 450 billion.

Covering a wide range of recycling industries, the book delves into areas such as Effective Waste Management Planning, Automated Vehicle Scrapping Unit, Bio Coal Briquettes from Agricultural Waste, Caffeine Extraction from Tea Waste, Disposable Tableware from Sugarcane Bagasse, E-Waste Recycling, Lead Acid Battery Recycling, Lithium-Ion Battery Recycling, Lubricating Oils Recycling, Organic Fertilizer Manufacturing from Cow Dung, Particle Board from Rice Husk, Recycling of Pet Bottles, Waste Tyre Pyrolysis, Aluminium Recycling, Biomedical Waste Management, Biomass Charcoal, Activated Carbon from Coconut Shell, Pet Flakes from Pet Bottles, Rice Bran Oil Extraction Process, Pathogen Reductions during Waste Treatment, Glossary, Factory Layout, Machinery, Equipment Details and Photographs with Suppliers Contact Details are also given.

The Recycling Business Handbook *Industrial and Agricultural Waste Processing* is a thorough guide crafted to give entrepreneurs and industry professionals a deep insight into recycling businesses across various sectors. This resourceful handbook serves as an essential tool for entrepreneurs, policymakers, and environmental advocates, presenting strategies for transforming waste materials into valuable products.

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- Screw Extrusion Briquette Machine
- Waste Car Shell Crushing Line
- Lead Battery Recycling Machine
- Biomedical Waste Shredder
- Activated Carbon Rotary Kiln
- PET Bottle Crusher / Granulator

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