Fiber Optic Cable Crushing and Separation Equipment Manufacturer

Overview

We offer fiber optic materials from Test Equipment, Bulk Cable and Fusion Splicers to Tools, Patch Cables and Consumables.

Key Takeaways

Leading manufacturers provide specialized fiber optic cable granulators, crushers, and separation systems for efficient recycling and testing.Key Manufacturers and Equipment

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1. BSG Recycling BSG offers fiber optic cable granulator machines designed for recycling optical fiber cables. These machines crush cables into plastic granules, fibers, and steel granules. Separation is achieved using magnetic separators for steel, dust collection for fibers, and dedicated outlets for plastics. The system is labor-saving, fully automated, and suitable for high-efficiency recycling operations, providing economic benefits by recovering valuable materials from waste cables . 2. Rosendahl Nextrom Rosendahl Nextrom specializes in fiber optic cable production equipment, including machinery for fiber drawing, coating, ribbon making, and cable assembly. While primarily focused on production rather than recycling, their technology ensures high-quality fiber optic cables with precise monitoring systems, such as the EFL monitoring system for real-time fiber length assessment. They provide both complete production lines and individual process solutions . 3. HNHonest HNHonest manufactures fiber optic cable crusher and separator recycling lines capable of processing single-fiber, multi-fiber, and armored cables. Their systems integrate pre-shredding, fine crushing, magnetic separation, air separation, and dust collection, all controlled via PLC automation. The machines achieve up to 99% purity in recovered materials, operate with low energy consumption, and are CE/ISO certified with 12–24 months warranty . 4. Alibaba Suppliers Various suppliers on Alibaba provide fiber optic cable recycling machines for small to large-scale operations. These machines are engineered for precision, durability, and energy efficiency, with specifications including voltage compatibility (220V, 380V, 415V), power ratings from 2 kW to 20 kW, and modular designs for different facility sizes. They are suitable for recovering glass fibers, copper, and plastics from end-of-life cables . 5. Torontech Torontech offers optical fiber cable crush and cut-through testing machines for quality assurance. These machines comply with IEC-60794-1-2 Method E3/E12, applying controlled compressive forces to test cable durability under installation and service conditions. They are used for telecommunication, underground, armored, industrial, and automotive fiber optic cables, ensuring compliance with international standards .

Considerations for Choosing Equipment

• Material Recovery: Machines differ in their ability to separate steel, copper, plastic, and fiber.

• Automation and Labor: Fully automated systems reduce labor requirements.

• Capacity and Power: Industrial models handle higher volumes and require three-phase power.

• Certifications: CE/ISO certifications ensure compliance and safety.

• Support and Maintenance: Availability of spare parts, technical support, and on-site commissioning is critical for continuous operation. These manufacturers provide a range of solutions for fiber optic cable recycling, crushing, separation, and testing, catering to both industrial-scale operations and smaller workshops.

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machines for fiber optical cable production

Do you want to improve your cable performance or optimize your process to reduce scrap? Get in touch with our experts for in-depth

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Manufacturing Equipment Manufacturing Equipment for Fiber Optic Cable Assembly Manufacturing including Patch

QPC Fiber Optic, LLC

We specialize in designing and manufacturing fiber optic connectors, fiber optic cable assemblies, and

FiberOptic Supply

We offer fiber optic materials from Test Equipment, Bulk Cable and Fusion Splicers to Tools, Patch Cables and Consumables.

Customized Fiber Optic Cable Granulator Machine

Fiber optic cable granulator machine is a professional recycling plant for fiber optic cable, it has good

Fiber Optic Termination & Splicing Equipment Manufacturers and ...

Custom manufacturer of fiberoptic cable assemblies and measurement quality jumpers for the military and commercial sectors.

Cable Processing

International distributor for fiber optic components, equipment and accessories while providing invaluable technical consultation and

FIBER PULLING | General Machine Products Company

Installed over a manhole or intermediate access point, this heavy-duty sheave allows fiber cable to lead up, wrap smoothly around

Welcome

Infinity Fiber specializes in manufacturing high quality fiber optic cable assemblies for various industries

Optical Fiber Cable Crush & Cut through Testing Machine

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Torontech''s Optical Fiber Cable Crush & Cut through Testing Machine complies with employs an IEC-60794-1-2 Method E3/E12 to

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We PRAYAAG TECHNOLOGIES incorporated in the year 1990, initially catering needs of copper cable networks, after the evolution

Fiber Optic Cable Puller Manufacturer | Fiber Cable Puller | United

Manufacturer of fiber optic cable pulling trailers, skid units, capstans, and other portable conduit pulling equipment for underground

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Imagine optical fibers infused with recycled glass becoming sensors in smart bridges, warning engineers about

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Increasing data capacities in optical signal transmission require ever-smaller cable diameters and higher fiber density at the same

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Fiber Optic Manufacturers Checklist | PHILISUN

Use this checklist to compare fiber optic cable manufacturers for quality control, custom

Cable Wire Recycling Plant | Henan Honest

The Cable Wire Recycling Plant efficiently recovers non-ferrous metals like copper and aluminum, along

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Top 14 Fiber Optic Cable Manufacturers in the USA

Fiber optic cables are essential components in modern telecommunications, data centers, and various other industries.

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Cable Crushing and Separation Line | San Lan Global EPC Equipment

In the rapidly evolving recycling industry, San Lan Global EPC Equipment presents its cutting-edge Cable Crushing

10 Best Fiber Optic Manufacturers & Suppliers for 2026

The top 10 suppliers and manufacturers of optical cables in 2026. offering high-speed connectivity, durable builds, and

Fiber Connectivity Products & Hardware Manufacturer

As a professional fiber connectivity products manufacturer, Yingda delivers reliable, high-density fiber

Fiber Fusion Splicers,Fiber Optic Cleavers,Fiber Optical Equipment

Professional manufacturer of various fusion splicers,fiber cleavers,OTDR and related fiber test equipment,as well as fiber tools.

Optical Fiber Cable Testing Equipment | Torontech

Our advanced OFC testing solutions are trusted worldwide by fiber optic cable manufacturers, telecom companies, and research

Fiber Optic Cable Manufacturing Industrial Offering

Minimize uncertainties in fiber optic cable manufacturing by leveraging Cross''s precision measurement services, ensuring calibration

Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more

Fiber Optic Cable Supplies

We offer fiber optic cables and materials for modern telecommunications and fiber optic networks. Call today for

Top 20 Best Fiber Optic Cable Manufacturers in the United States

Introduction Fiber optic cables are a critical component of modern digital infrastructure, providing the backbone for high

Fiber Optic Splicing

Fiber Optic Center has fiber optic splicing equipment, including splicers, cleavers, protection sleeves, mechanical splicing tools and

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