Separation of Optical Cable Shredded Material

However, optical fiber cables do not contain expensive valuable materials and are composed of composite materials such as polyethylene, steel, and glass fiber, so the value of material...

This system combines powerful linear chopping capabilities, despooling and chopping cable directly from the reel, and separating the steel and aluminum with high-power rare-earth magnetic separation ...

Equipped with advanced technology, our machine is capable of handling various types of fiber optic cables with ease. The stripping process is carried out with utmost precision, ensuring that the ...

To improve the recycling of OFCs, the EU-funded "Long fibre recycling" (L-FIRE) project proposed to break down the components of the OFC, rather than cut it. With this approach, partners ...

SMF "Prodecologia" offers efficient solutions for recycling of shredded cable waste with the possibility of obtaining concentrates of individual plastics, for example, PVC, PE and non-ferrous metals (copper, ...

The machine uses chain drive, large gears, and pressure rollers to slowly and powerfully strip off the outer sheath, steel armor, and aluminum-plastic composite tape of the cable.

Find efficient fiber optical cable recycling machines for various applications. Shop our range of durable, high-performance shredders and granulators.

Optical sorting uses, RGB cameras, AI, inductive sensors and NIR to detect and separate materials by colors, shape, conductivity and composition. This makes it highly effective for metals, e-waste, ...

This article aims to determine the particle fractions of plastic materials (cable sheathing) after the shredding and electrostatic separation processes.

Sorting technology plays a pivotal role in separating shredded cable components based on material composition. This process involves intricate mechanisms to ensure the efficient ...

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