



SCRAP TIRE SHREDDING

SSI offers a variety of shredding solutions to process tires for cars, trucks, aircraft and agricultural to off-the-road (OTR) and mining equipment.

SSI offers robust, reliable and easy-to-maintain shredding equipment that reduces whole tires to chunks ranging from long “strips” to 1” or 2” (25-50mm) chips. We have systems that process tires at rates ranging from 2 tons (200 car tires) to over 30 tons (3,000 car tires) per hour. We offer stationary and mobile shredders, electric or hydraulic, designed to meet a broad range of processing requirements

SINGLE-PASS SHREDDERS

Also known as “Rough Shredders”, Single-Pass Shredders are commonly used in landfill applications to destroy tires prior to using them in the landfill cells, or to densify materials prior to transportation to a centralized processing facility. SSI offers these shredders in both stationary and mobile configurations and they can be re-deployed for service in a chip production system at any time.



TDF PRODUCTION SYSTEMS

SSI manufacturers shredding machinery to reduce whole tires to a chip that can be 1”, 2”, 3” or 4-6” in size (25mm to 150mm). These systems will shred nearly any size of tire with throughput rates ranging from 2 tons per hour to more than 30 tons per hour. Generally, more than one shredder is required to produce a 1” (25mm) chip or to achieve 10 tons per hour in system throughput.



WIREFREE “MULCH” PRODUCTION SYSTEMS

SSI shredders often are utilized at the front end of higher speed, mulching machinery to pre-shred the material into smaller pieces. Smaller material being fed results in increased hourly production and lower operating costs. Depending on throughput requirements, an SSI single-pass shredder or a TDF production system may be used.



CRUMB RUBBER PRODUCTION SYSTEMS

SSI shredders are employed at the front end of many crumb rubber production systems. These systems reduce tires to sizes ranging from 10 mesh (rock salt size) to 40 mesh (beach sand or powder size) and are free of wire and fiber.