

4.9P Primary Shredder



Engineered to be the first cut in any shredding line, the Barclay 4.9P primary shredder is capable of cutting tires as large as 72 inches in diameter. Barclay Primary Tire Shredders cleanly shear high volumes of scrap tires into strips in just seconds. Available in both through- and top- load configurations, our Primary Shredders can create strip sizes from 4.9P inches (our most popular) up to 10 inch strips. Utilizing a standard 16' long in-feed conveyor and efficient upper and lower feed mechanisms, Barclay's 4.9P primary shredder allows the user to bulk feed tires instead of hand feeding tires in a single file, resulting in lower costs.

The shredder is powered by a helical bevel gearmotor and controlled with soft start controls enclosed in an integral electric panel and can be wired to accommodate a wide range of voltage/hertz ratios. Unlike competitive options, Barclay shredders cut tires instead of tearing them. This precision cut enables Barclay shredders to utilize lower horsepower motors saving you significant money through lower energy costs. Whether you are doing single pass shreds or making crumb rubber, the Barclay 4.9P Primary can help increase productivity.

Specifications and Features

- Weight:** 26,000 lbs
- Gearmotor:** 75 – 100hp, 3-phase, 380 – 460v, 50 – 60hz
- Shaft diameter:** 9 1/2"
- Rotation Speed:** 9 RPM @ 75hp, 12 RPM @ 100hp
- Orientation:** Through feed
- Controls:** Fully wired to accept line connection. Remote mounted control box with independent control of shredder and infeed conveyor
- Safety:** Emergency stop buttons are mounted on front and back of the shredder. The electrical panel is also wired to accept additional safety stop buttons
- Cutting Chamber:** 72" Wide with 12 total cuts spaced 4.9" apart
- Cutting Blades:** Cru-Wear tool steel, 1.50" thick heat treated and precision ground, reversible with two cutting edges per blade. 288 blades total
- Blade Bases:** Mod A8 tool steel. Modular, replaceable bases
- Drive Protection:** Couplers with shear pins protects overloading
- Strippers:** Chain driven rotating strippers help keep rubber from wrapping around the main shafts
- Feeders:** Chain-driven by main shaft with torque limiter
- Throughput:** 16-20 tons/hr (single pass)
- Capacity:** Whole car and semi tires up 72" in width
- Infeed Conveyor:** Detachable 2hp conveyor with impact absorbing spring steel slats. Conveyor lengths are 8' or 16' long

BARCLAY
SHREDDERS

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