



Barclay Roto-Shred Inc.

www.tireshredders.com

3164 Loomis Rd. - Stockton, CA 95205 Phone (209) 466-1209 Fax (209) 465-2012

4.9 Top Feed Shredder

The Barclay 4.9 Top Feed Shredder is designed to meet the needs of both small and large recyclers. Smaller recyclers will be able to re-feed shreds or do a single pass shred. Larger recyclers can meet their need for an intermediate shredder to produce tire chips at a higher volume, similar to the Barclay 4.9 Primary. This shredder has a modular blade and base design to allow for easier maintenance. The blade is bolted to its respective base with three ½" bolts. The base is then bolted to a center rotor.



The 4.9 Top Feed has a cut width of 4.9" and a total of 288 blades and bases. Rotating stripper between the rotors prevent material from becoming stuck inside the shredder or wrapped around the shaft.



The shredder is powered by a helical bevel "C-Face" motor and gearbox. The motor is controlled with a soft start control system enclosed in an electrical panel. It can be wired to accommodate a wide range of voltage/hertz ratios. Whether you are doing single pass shreds, reshredding, or are looking to increase processing volume, the Barclay 4.9 Top Feed is a great solution.

Specifications:

Weight: 24,000 lbs

Gearmotor Configurations: 75hp – 100 hp, 3 phase, 380V – 460V, 50hz – 60hz.

Shaft Diameter: 9 ½"

Rotation Speed: 9 rpm @ 75 hp, 12 rpm @ 100 hp

Orientation: Top Feed

Controls: Fully wired to accept line connections.

Cutting Chamber: 72" Wide with 12 total cuts spaced 4.9" apart.

Cutting Blades: Barclay-Wear Tool Steel. 1.50" thick heat treated and precision ground. Optionally half 1.40" blades so that your 1.50" blades can be sharpened and reused. 288 blades total.

Blade Bases: AISI D-2 Tool Steel. Modular replaceable pieces.

Drive Protection: Couplers with shear pins prevent drive overloading.

Strippers: Chain driven rotating strippers help keep rubber from wrapping around the main shafts.

Throughput: 16-20 tons/hour (single pass).

Capacity: No whole tires with a compressed cross section greater than 5 ½".

Safety: Electrical control panel wired to accept multiple safety stop buttons.