



THE BARCLAY 4.9 PRIMARY SHREDDER WAS DESIGNED WITH THE PURPOSE OF BEING THE FIRST AND FOREMOST CUT IN ANY SHREDDING LINE. IT IS CAPABLE OF CUTTING RIM FREE TIRES RANGING IN SIZE FROM PASSENGER TO SUPER SINGLE TIRES.

UTILIZING A STANDARD 8' LONG IN-FEED CONVEYOR AND EFFICIENT UPPER AND LOWER FEED MECHANISMS, THE 4.9 PRIMARY SHREDDER ALLOWS THE USER TO INDISCRIMINATELY BULK FEED. GONE ARE THE DAYS OF HAVING TO HAND FEED OR SINGLE FILE FEED RESULTING IN LOWER COSTS.

THE SHREDDER IS POWERED BY A HELICAL BEVEL GEAR MOTOR AND CONTROLLED WITH SOFT START CONTROLS ENCLOSED IN AN INTEGRAL ELECTRIC PANEL. IT CAN BE WIRED TO ACCOMMODATE A WIDE RANGE OF VOLTAGE/HERTZ RATIOS. WHETHER YOU ARE DOING SINGLE PASS SHREDS OR MAKING CRUMB RUBBER, THE BARCLAY 4.9 PRIMARY CAN HELP INCREASE PRODUCTIVITY.

## SPECIFICATIONS / FEATURES

**WEIGHT:** 26,000 LBS

**GEARMOTOR:** 75 - 100 HP, 3 PHASE, 380-460V, 50 - 60 HZ

**SHAFT DIAMETER:** 9 1/2"

**ROTATION SPEED:** 9 RPM @ 75HP, 12 RPM @ 100HP

**ORIENTATION:** VERTICAL.

**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.

**CUTTING CHAMBER:** 72" WIDE WITH 12 TOTAL CUTS SPACED 4.9" APART

**CUTTING KNIVES:** VASCO-WEAR (TM) TOOL STEEL. 1.50" THICK HEAT TREATED AND PRECISION GROUND. REVERSIBLE BLADES RESULTS IN TWO CUTTING EDGES PER BLADE. 288 BLADES TOTAL.

**KNIFE BASES:** AISI D-2 TOOL STEEL. MODULAR, REPLACEABLE PIECES.

**DRIVE PROTECTION:** COUPLERS WITH SHEAR PINS PROTECTS OVERLOADING.

**STRIPPERS:** FIXED WELDMENTS WITH REPLACEABLE WEAR PLATES.

**FEEDERS:** CHAIN-DRIVEN BY MAIN SHAFT WITH TORQUE LIMITER.

**THROUGHPUT:** 16-20 TONS/HOUR (SINGLE PASS)

**CAPACITY:** NO WHOLE TIRES WITH A COMPRESSED CROSS SECTION GREATER THAN 5 1/2"

**INFEED CONVEYOR:** DETACHABLE 2HP CONVEYOR WITH IMPACT ABSORBING SPRING STEEL SLATSS. LENGTHS ARE 8' OR 16' LONG.