

## The World's Only OTR De-beader of Its Kind



Eagle International has researched various markets around the world in order to provide a cost-effective and productive process for downsizing giant OTR tires. From this research, Eagle is now leading the way in the tire recycling industry in regards to downsizing giant OTR tires.

### Introducing The Eagle OTR De-beader

The OTR De-beader is designed to pull the steel bead bundles from giant OTR tires, allowing the steel from these tires to be recycled. The machine removes the steel beads from radial tires with a 25 inch rim opening all the way up to, and including, 63 inch rim openings (e.g. 59/80R63). The OTR De-beader has been designed with adjustable die plates which allow the operator to pull both bead bundles simultaneously for rim sizes of 25 inches through 51 inches. The machine will pull one bead at a time for sizes above 51 inches up to 63 inches due to the increased size and weight of the beads.

From one 59/80R63 tire, the Eagle OTR De-beader will pull approximately 500 pounds of steel. This steel can then be transferred to a steel recycler creating additional revenue for any tire recycling operation. Additionally, removing the large steel beads before shredding will not only extend the life of downstream equipment, but will also decrease the power consumption and maintenance cost associated with repairing worn machinery. After the tire is loaded onto the machine, the steel beads are removed without rotating or flipping the tire allowing for an efficient and safe process.

The Eagle OTR De-beader is available in Portable Diesel or Portable Electric. However, the Portable Electric machine can be transformed into a stationary unit by removing the axels and dropping the stabilization stands into place.

