



EAGLE
INTERNATIONAL
TYRE RECYCLING EQUIPMENT

VERTTECH





70% LESS VOLUME

OTR mining tyres occupy up to 70% less space when downsized using the Eagle OTR Downsizing System.

APPLICATIONS

- Car / 4×4 Tyres
- OTR Tyres
- Truck Tyres
- Mining Tyres
- Agricultural

LEADING TYRE RECYCLING SOLUTIONS FOR AUSTRALIA

Vertech is the premium equipment range by Waste Initiatives, created for serious operators seeking high-performance waste processing solutions. Backed by international engineering and supported locally with Australian-based service and spare parts, Vertech delivers exceptional durability, efficiency, and reliability.

Eagle International, a leader in tyre recycling equipment, is known for its reliable, high-performance machines. Since 1991, they've led innovation in designing durable, efficient solutions for downsizing tyres, from ATV to large mining tyres.

Operating in 28 countries, their debanding, shearing, baling, and cutting equipment helps reduce tyre waste with quality engineering and rigorous testing.

WHY CHOOSE EAGLE TYRE RECYCLING EQUIPMENT?

Eagle International's tyre recycling equipment offers complete solutions for processing and reducing the volume of tyres.

Tyre Debanders remove bead wire from tyres of all sizes, ensuring cleaner outputs and reducing wear on downstream machinery.

Eagle's OTR Downsizing System reduces the size of oversized mining tyres by **up to 70%**, allowing for more efficient handling and transportation.

Tyre Shears efficiently cut car, truck, and OTR tyres to specified sizes, producing clean cuts without rubber waste.

Sidewall Cutters make removing sidewalls from tyres fast and easy, reducing material size and preparing tyres for further processing.

Vertech brings these robust machines to the Australian market, supporting both environmental sustainability and operational profitability.



NIERTECH

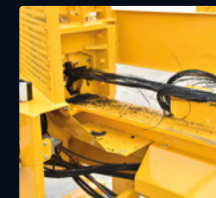
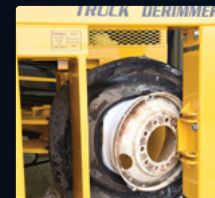
DERIMMERS & DEBEADERS

The Eagle range of Tyre Derimmer and Debeader equipment are designed for **efficiently separating rims and beads from tyres.**

The Truck Derimmer is a powerful rim crusher, capable of handling semi-truck tyres up to 19.5×24 grader tyres, with an adapter for smaller rims and tyres.

The debeaders are built for removing bead wire before shredding, working across car, 4x4, truck, and large OTR tyres. This ensures a cleaner end product and reduces wear on shredder parts in tyre recycling facilities.

The Eagle range is ideal for improving efficiency in tyre processing operations.



CAR TYRE DERIMMER

The Eagle Car Tyre Derimder is designed to separate waste rims from waste tyres.

SPECIFICATIONS

Max. Tyre Cap.	20" Wheel
Avg. Cycle Time	7 Seconds
Power	Gas, diesel, electric, or compatible options



TRUCK TYRE DERIMMER

The Truck Tyre Derimder separates the rim from semi-truck tyres. The portable model is highway rated and set-up time at the job site is less than three minutes.

SPECIFICATIONS

Max. Tyre Cap.	19.5x24 Grader
Avg. Cycle Time	20 Seconds
Power	Gas, diesel, electric, or compatible options



TYRE DEBEADER

The Eagle Tyre Debeader efficiently removes both beads from car or truck tyres simultaneously. Extracting the bead wire before shredding refines the final product and reduces wear on shredder components.

SPECIFICATIONS

Max. Tyre Cap.	Super single truck
Avg. Cycle Time	20 Seconds
Power	Gas, diesel or electric options



OTR TYRE DEBEADER

The patented Eagle OTR Debeader is designed to pull the bead bundles out of radial OTR tyres ranging in sizes from 20.5/R25's through 59/80R63.

SPECIFICATIONS

Min. Tyre Cap.	20.5R25
Max. Tyre Cap.	59/80R63
Avg. Cycle Time	8 - 10 min.
Avg. Hr. Prod	6-8 tyres/Hr
Power	Diesel or electric options



OTR



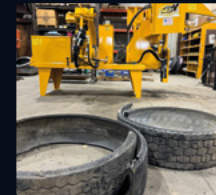
NIERTECH

TYRE CUTTERS & SHEARS

Eagle tyre shearing and cutting equipment are engineered for precise downsizing of car, 4×4, truck, OTR, and mining tyres. **Their clean-cut design minimises rubber waste, reducing the need for additional clean-up.**

Eagle Shears offer reliable cutting solutions for various tyre dimensions. Eagle Sidewall Cutters provide an effective method for removing sidewalls and beads from car, truck, and OTR tyres, improving efficiency and safety.

Both portable and stationary models are available, with electric, gas, or diesel power options to suit a variety of operational requirements.



TC GATOR

The Eagle TC Gator cuts the tyre clean and does not leave any additional chunks of rubber to remove after cutting each tyre.

SPECIFICATIONS

Max. Tyre Cap.	20" Pickup/SUV
Avg. Cycle Time	10 Seconds
Power	Gas or electric options



SIDEWALL CUTTER

The Eagle Tyre Sidewall Cutter is designed to remove the side walls of car and truck tyres, offering exceptional functionality and safety features.

SPECIFICATIONS

Max. Tyre Cap.	Super single truck
Avg. Hr. Prod	50-60 Truck tyre/Hr.
Avg. Hr. Prod	70-90 Car tyre/Hr.
Power	Gas, diesel, or electric options



TRU-CUT

The Eagle Tru-Cut is the economical unit of our tyre-cutter series. This unit is designed to cut passenger and semi tyres.

SPECIFICATIONS

Max. Tyre Cap.	Super single truck
Avg. Cycle Time	17 Seconds
Power	Gas, diesel, or electric options



SUPER SLICER SIDEWALL CUTTER

The Eagle Super Slicer Sidewall Cutter is a multi-purpose unit that enables you to remove the sidewalls and beads from car and truck tyres up to 44" on the outside diameter.

SPECIFICATIONS

Max. Tyre Cap.	44" O.D. Truck tyres
Avg. Hr. Prod	50-60 Truck tyre/Hr.
Avg. Hr. Prod	70-90 Car tyre/Hr.
Power	Gas, diesel, or electric options



TYRE CUTTERS & SHEARS

TUF-CUT

The Eagle Tuf-Cut adds flexibility to your total tyre-cutting system by accepting tyres up to 23.5/25, 12 ply, and can cut up to three tyres simultaneously.

SPECIFICATIONS

Max. Tyre Cap.	23.5R25, 12 Ply
Avg. Cycle Time	15 Seconds
Avg. Hr. Prod	50-60 tyres/Hr
Power	Gas, diesel, or electric options



OTR

TUF-CUT II

The most effective tyre cutter on the market and is perfect for rock quarries, tyre derived fuel producers, cement kilns, large tyre shredding operations, and tyre processors.

SPECIFICATIONS

Max. Tyre Cap.	29.5x25-34 Ply
Avg. Cycle Time	26 Seconds
Power	Gas, diesel, or electric options



OTR

PUNCH CUTTER

Designed to split OTR tyres into two halves down the centre of the tread, the Punch Cutter is loaded onto a tyre with a telehandler and rotates around the outside of the tyre.

SPECIFICATIONS

Min. Tyre Cap.	Rim Size 39"/ Tread Width 37"
Max. Tyre Cap.	70/70-57
Avg. Cycle Time	Up to 8 mins
Power	Gas or diesel options



OTR

PUNCH CUTTER II

The Punch Cutter II is portable and designed to split OTR tyres into two halves, cutting through the center of the tread. This unit offers 5-6 inch cuts with a 10 inch blade on a rotating turntable.

SPECIFICATIONS

Min. Tyre Cap.	Rim Size 39"
Max. Tyre Cap.	70/70-57
Avg. Hr. Prod.	5-6 Tyres/Hr
Power	Diesel or electric options



OTR

TITAN

The Eagle Titan OTR tyre cutter allows for increased flexibility of your total cutting system. It handles tyres up to 27.00 R49, with three hydraulic rollers for precise positioning and a hydraulic probe for secure cutting.



SPECIFICATIONS

Max. Tyre Cap.	38" Wide, 8' diameter
Avg. Cycle Time	26 Seconds
Power	Diesel or electric options

OTR

TITAN II

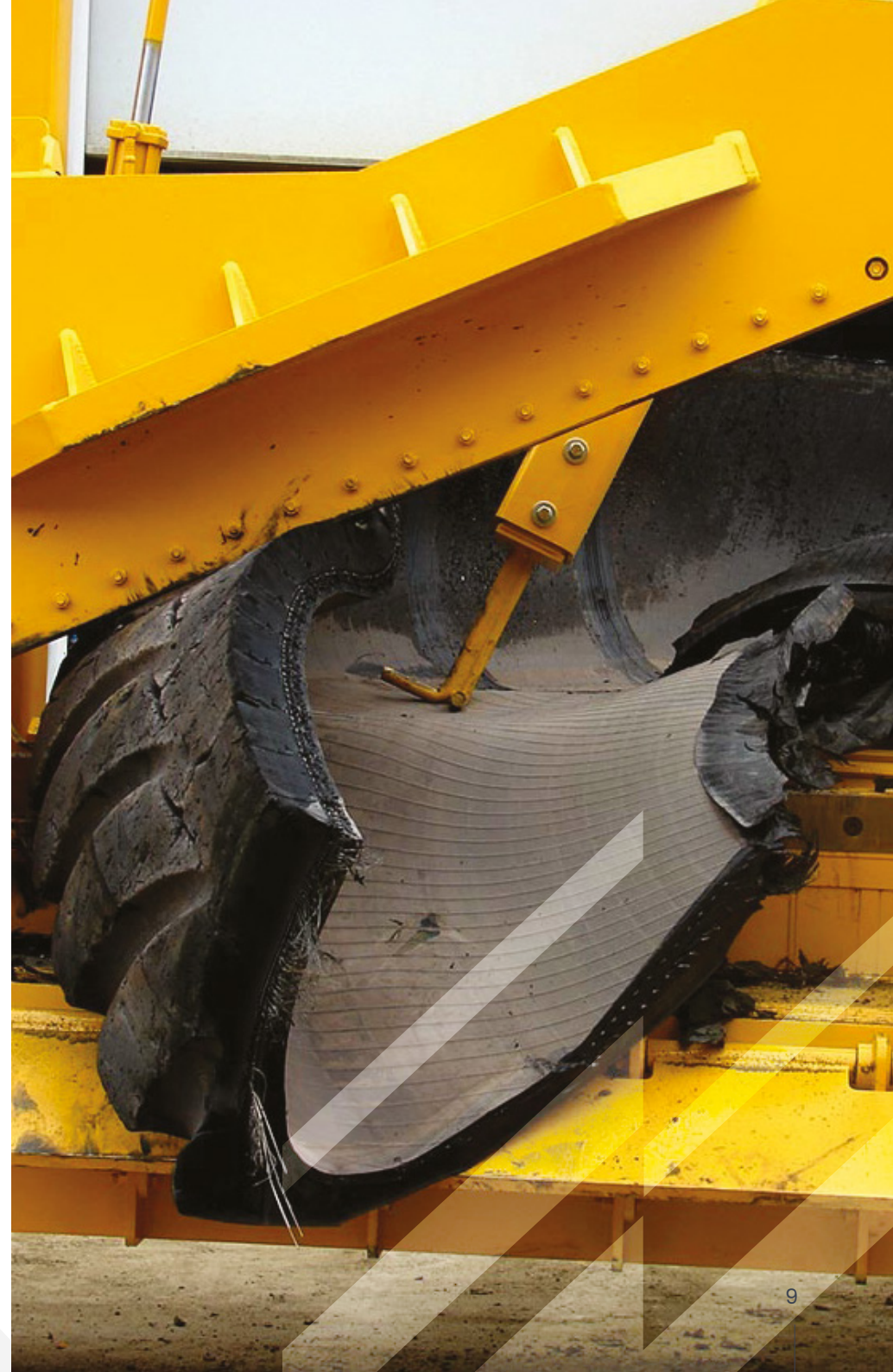
The Eagle Titan II cuts OTR and mining tyres up to 44 inches wide and 14 feet in diameter. With five hydraulic rollers, a probe arm, and operator-controlled cut sizes, it delivers powerful cutting pressure and full functionality with an integral trailer.



SPECIFICATIONS

Max. Tyre Cap.	Bagel Cut 59/80R63 or 40.00/57 Whole Tyre
Avg. Hr. Prod	3-5 Tyres/Hr
Power	Diesel or electric options

OTR





NIERTECH

OTR SYSTEMS

EAGLE DELIVERS A **FULLY MOBILE SOLUTION**
FOR DOWNSIZING OTR TYRES.

Eagle's mobile OTR equipment is purpose-built for heavy-duty tyre recycling, handling even the largest OTR and mining tyres with ease.

Designed for both new and established operations, the range includes standalone units or fully integrated systems.

Operators can quickly manage debearing, halving (bagel cutting), and shearing, delivering efficient downsizing on-site.

Hydraulic-driven performance ensures consistent power, with adjustable components to accommodate a variety of tyre sizes.

Remote control operation improves site safety, and the high-capacity design keeps productivity high in demanding conditions.

OTR DEBEADER

Debeading



PUNCH CUTTER

Bagel cutting



PUNCH CUTTER II

Bagel cutting



TITAN

Shearing



TITAN II

Shearing



OTHER EQUIPMENT FROM EAGLE

TYRE BALERS

Compress and bale

Designed to compress and bale tyres, the Eagle tyre balers reduce volume, fire hazards and makes it easier to transport tyres to processing stations.



SPECIFICATIONS

Model	3060	4566
Max. Tyre Cap.	Car, 4x4, cut truck	Super Single truck
Avg. Cycle Time	30 seconds	30 seconds
Bale size	762x1372x1524 mm	1143x1371x1676.4 mm
Power	Gas, Diesel or electric options	Diesel or electric options

SUPER SLICER SKID STEER ATTACHMENT

Sidewall Cutting



SPECIFICATIONS

Max. Tyre Cap.	44" O.D. Truck Tires
Avg. Cycle Time	3 - 5 seconds
Avg. Hr. Prod.	Up to 120 tyres/Hr

Brought to you by



Call: 1800 441 100

wasteinitiatives.com.au

